



**UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI-110 002**

A. Legal Status:

Proforma for submission of information by State Private Universities for ascertaining their norms and standards

1.1	Name & Address of the University	Manav Rachna University Sector-43, Aravalli Hills, Delhi Surajkund Road, Faridabad-121001 (Haryana)
1.2	Headquarters of the University	5E/1A, B.P., NIT, Faridabad(Haryana)
1.3	Information about University a. Website b. E-mail c. Phone Nos d. Fax No. Information about Authorities of the University a. Ph. (including mobile), Fax Nos. & E-Mail of Chancellor b. Ph. (including mobile), Fax Nos. & E-Mail of Vice-Chancellor c. Ph. (including mobile), Fax Nos. & E-Mail of Registrar d. Ph. (including mobile), Fax Nos. & E-Mail of Finance Officer	http://www.mru.edu.in registrar@mru.edu.in 0129-4268587 0129-4198211 0129-4198236/ 9871600009 chancellor@mru.edu.in 0129-4268502/ 9560299099 vc@mru.edu.in 0129-4268584/ 8527202262 registrar@mru.edu.in 0129-4198600/ 9871384653 cfo@mru.edu.in

1.4	Date of Establishment	6 th August, 2014.
1.5	Name of the Society/Trust promoting the University (information may be provided in the following format) (Copy of the registered MoA/Trust Deed to be enclosed)	Uthan Education Trust, Trust Deed enclosed as Annexure-I
1.6	Composition of the Society/Trust (Details to be provided in Appendix-I)	The details are provided in Annexure-II as per the format of Appendix-I
1.7	Whether the members of the Society/Trust are members in other Societies/Trusts or in the Board of Governors in Companies? If yes, please provide details in the following format: (Details to be provided in Appendix-II)	Yes The details are provided in Annexure-III as per the format of Appendix-II
1.8	Whether the promoting Society/ Trust is involved in promoting/ running any other University/ Educational Institution? If yes, please give details in the following format (Details to be provided in Appendix-III)	No Appendix-III is not applicable
1.9	Whether the promoting Society/Trust is involved in promoting/ running activities other than educational? If yes, please give details in the following format (Details to be provided in Appendix-IV)	No Appendix-IV is not applicable
1.10	Act and Notification under which establishment (copy of the Act & Notification to be enclosed) Enclosed	Copies of Haryana Act & Notification under which established are enclosed in Annexure-IV 'A' & IV 'B'
1.11	Whether the University has been established by a separate State Act?	Yes, University is established under the Haryana Private Universities (Second Short Title Amendment) Act 2014.

B. Organization Description:

2.1	Whether Unitary in nature (as per the UGC Regulation)	Yes
2.2	Territorial Jurisdiction of the University as per the Act	State of Haryana
2.3	Details of the constituents units of the University, if any, as mentioned in the Act	Nil

2.4	<p>Whether any off-campus centre(s) established? If yes, please give details of the approval granted by the State Government and UGC in the following format:</p> <p>a. Place of the off-campus</p> <p>b. Letter No. & date of the approval of the State Government</p> <p>c. Letter No. & date of the approval of UGC</p> <p>(Details to be provided in Appendix-V)</p> <p>(Please attach attested copy of the approval)</p>	<p>No</p> <p>Appendix-V is not applicable</p>
2.5	<p>Whether any off-campus campus established? If yes, please give details of the approval granted by the Government of India and the host country in the following format:</p> <p>a. Place of the off-campus</p> <p>b. Letter No. & date of the approval of Host Country.....</p> <p>c. Letter No. & date of the approval of Government of India.....</p> <p>(Details to be provided in Appendix-VI)</p> <p>(Please attach attested copy of the approval)</p>	<p>No</p> <p>Appendix-VI is not applicable</p>
2.6	<p>Does the University offer a distance education programme? If yes, whether the courses run under distance mode are approved by the competent authority? (Please enclose attested copy of the course-wise approval of competent authority).</p>	<p>No</p>
2.7	<p>Whether the University has established study centre(s)? If yes, please provide details and whether these study centers are approved by the competent authority of the University and UGC?</p> <p>(Details to be provided in Appendix-VII)</p> <p>(Please enclose attested copy of the approval from the competent authority)</p>	<p>No</p> <p>Appendix-VII is not applicable</p>

C. Academic Activities Description:

3. Academic Programme:

3.1	Details of the Programmes permitted to be offered by Gazettee Notification of the State Government and its reference (Details to be provided in Appendix-VIII)	The details are provided in Annexure-V & VI as per format of Appendix-VIII
3.2	Current number of academic programmes/ courses offered by the University (Details to be provided in Appendix-IX)	<p>Faculty of Engineering: Offers 5 B.Tech Programmes (CSE, ECE (Discontinued from the session 2017-18) ME, Industrial Engg. & Mgmt.(Discontinued from 2018-19). Electronics and Computer Engineering.) & 3 M.Tech. Programmes (CSE, ECE, ME).</p> <p>Faculty of Applied Sciences: Offers 3 B.Sc (H) Programmes (Physics, Chemistry & Maths) and 3 M.Sc. Programmes (Physics, Chemistry & Maths)</p> <p>Faculty of Management & Humanities: Offers 4 BBA Programmes (Health Care Management, Finance & Accounts, Entrepreneurship & Family Business and BBA Operation Management)</p> <p>Faculty of Education: Offers 3 UG Programmes (B.Ed., B.A. B.Ed. & B.Sc. B.Ed.) and one PG Programme M.A. Education.</p> <p>Faculty of Law: -Offers 3 integrated Law (H) Programmes, namely, B.A.LLB, BBA LLB & B.COM. LLB</p> <p>Currently 4 Faculties excluding faculty of Law offer Ph.D Programme. The details are provided in Annexure-VII as per the format of Appendix IX.</p>


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<p>3.3</p>	<p>Whether approvals of relevant statutory council(s) such as AICTE, BCI, DEC, DCI, INC, MCI, NCTE, PCI, etc have been taken to:</p> <ul style="list-style-type: none"> a. Start new courses b. To increase intake <p>If yes, please enclose copy of approval and give course wise details of the following format: (Details to be provided in Appendix-X)</p>	<p>University takes approval from the State Government and also from Statutory Bodies before starting any new programme.</p> <p>For B.Tech Programmes (CSE, ME and Elect. & Comp. Engg.) & M.Tech Programmes offered by Faculty of Engineering, approval has been obtained from the AICTE. A copy of approval annexed as Annexure-VII A</p> <p>For B.Ed. and Integrated B.Ed. Programmes (B.A. B.Ed & B.Sc. B.Ed) offered by Faculty of Education from Academic Session 2017-18, approval has been taken from NCTE . The copies of approval annexed as Annexure-VII 'B' & VII 'C'</p> <p>For BA LLB(H), BBA LLB(H) & BCoM LLB(H) offered by Faculty of Law from the Academic Session 2017-18, approval has been obtained from the Bar Council of India. A copy of approval is annexed as Annexure-VII D</p> <p>Coursewise details are provided in Annexure-VIII as per the format of Appendix-X.</p>
<p>3.4</p>	<p>If the University is running courses under distance mode, please provide details about the students enrolled in the following format: (Details to be provided in Appendix-VII) (Please enclose copy of the course-wise approval of the competent authority)</p>	<p>Appendix-VII is not applicable</p>

3.5	Temporal plan of academic work in the University Semester System/ Annual System	Semester System
3.6	Whether the University is running any course which is not specified under Section 22 of the UGC Act, 1956? If yes, please give details in the following format: a. Name of the Course(s) b. Since when started c. Whether the University has applied for permission from UGC? (Details to be provided in Appendix-XI)	No Appendix-XI is not applicable

4. Student Enrolment and Student Support:

4.1	Number of students enrolled in the University for the current academic year according to regions and countries (Please give separate information for main campus and off-campus/off shore campus)						
Particulars		No. of Students from the same State where the University is located	No. of Students from other States	No. of NRI Students	No. of Overseas Students excluding NRIs		Grand Total
					Foreign Students	Person of Indian Origin Students	
UG	M	761	414	--	--	--	1175
	F	265	119	--	--	--	384
	T	1026	533	--	--	--	1559
PG	M	4	2	--	--	--	6
	F	15	5	--	--	--	20
	T	19	7	--	--	--	26
M.Phil	M	--	--	--	--	--	--
	F	--	--	--	--	--	--
	T	--	--	--	--	--	--
Ph.D	M	12	19	--	--	--	31
	F	35	13	--	--	--	48
	T	47	32	--	--	--	79

Diploma	M	--	--	--	--	--	
	F	--	--	--	--	--	
	T	--	--	--	--	--	
PG Diploma	M	--	--	--	--	--	
	F	--	--	--	--	--	
	T	--	--	--	--	--	
Certificate	M	--	--	--	--	--	
	F	--	--	--	--	--	
	T	--	--	--	--	--	
Any Other (Pl. Specify)	M	--	--	--	--	--	
	F	--	--	--	--	--	
	T	--	--	--	--	--	

M-Male, F-Female, T-Total

4.2	Category-wise No. of Students	Category	Female	Male	Total
		SC	5	17	22
		ST	1	2	3
		OBC	40	184	224
		PH	0	0	0
		General	420	995	1415
		Total	466	1198	1664

4.3 Details of the two Batches of Students Admitted:

Particulars	Batch 2			Batch 3		
	Year of Entry 2016			Year of Entry 2017		
	UG	PG	Total	UG	PG	Total
No. admitted to the Programme	382	27	409	555	38	593
No. of Drop-outs						
(a) Within four months of Joining	3	2	5	6	0	6
(b) Afterwards	3	0	3	8	1	9

No. appeared for the final year examination	NA	NA	NA	NA	13	13
No. passed in the final exam	NA	NA	NA	NA	12	12
No. passed in first class	NA	NA	NA	NA	10	10
4.4	Does the University provide bridge / remedial courses to the educationally disadvantaged students? If yes, please give details		<p>University has provision of providing bridge/remedial courses to students who are educationally disadvantaged. The ordinances for various programs include the provision for the same.</p> <ul style="list-style-type: none"> • Various departments conduct extra/remedial classes on Saturday's. • At Master's level department of CST conducts a 2 weeks program to bridge the gaps in knowledge of students coming from different educational institution. • Remedial courses are conducted for students during 3 week long orientation programme- these include communication skills module, mathematical skills, basic computer courses such as MS Office, How to write a blog, creating Google docs etc. • Dept. of ECE conducts 1-2 week long bridge course before the commencement of the academic session. Techno-Skillz is an elementary module that is conducted by ECE department to give students an overview of the basic components and devices of Electronics Lab. • Career development team provides customized employability coaching. 			
4.5	Does the University provide any financial help to the students from socially disadvantageous group? If yes, please give details		<p>Yes,</p> <p>Tuition Fee Waiver (TFW) Scheme</p> <p>(a) Merit cum Means Scholarship</p> <p>(b) Special Financial Assistance is also provided to the needy students whose financial conditions are poor on case to case basis.</p> <p>The details are provided in Annexure IX</p>			

4.6	In case the University is running M.Phil / Ph.D Programme whether it is full time or part and whether these programmes are run as per UGC Regulations 2009 on M.Phil/ Ph.D	The University is running full time Ph.D Programme as per UGC Regulations.																										
4.7	Whether the University has a Website? If yes, please give website address and whether the website is regularly updated?	<p>Yes .</p> <p>The website URL is http://manavrachna.edu.in/university/</p> <p>Website is updated on regular basis for correctness and completeness of information by the website controller.</p> <p style="text-align: center;"><u>MRU Website Committee</u></p> <table border="1"> <thead> <tr> <th>S.No</th> <th>Faculty</th> <th>Deptt.</th> <th>Role</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Dr. Mrinal Pandey</td> <td>CST</td> <td rowspan="7" style="text-align: center; vertical-align: middle;">Team Members</td> </tr> <tr> <td>2</td> <td>Ms. Gaganjot Kaur</td> <td>CST</td> </tr> <tr> <td>3</td> <td>Mr. Piyush Mahendru</td> <td>ME</td> </tr> <tr> <td>4</td> <td>Mr. Lokesh Bhardwaj</td> <td>ECE</td> </tr> <tr> <td>5</td> <td>Dr. Pragati Chauhan</td> <td>Management & Commerce</td> </tr> <tr> <td>6</td> <td>Dr. Jaya Tuteja</td> <td>Applied Sc. – Chemistry</td> </tr> <tr> <td>7</td> <td>Ms. Upasana Taneja</td> <td>Applied Sc. – Mathematics</td> </tr> </tbody> </table> <p><u>Roles & Responsibilities of MRU Web Coordinator</u></p> <ol style="list-style-type: none"> 1. Finalizing website activity calendar. 2. Managing Contents. 3. Maintaining Web Design. 4. Maintaining continuity of themes, layout. 	S.No	Faculty	Deptt.	Role	1	Dr. Mrinal Pandey	CST	Team Members	2	Ms. Gaganjot Kaur	CST	3	Mr. Piyush Mahendru	ME	4	Mr. Lokesh Bhardwaj	ECE	5	Dr. Pragati Chauhan	Management & Commerce	6	Dr. Jaya Tuteja	Applied Sc. – Chemistry	7	Ms. Upasana Taneja	Applied Sc. – Mathematics
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		<ol style="list-style-type: none"> 5. Streamlining navigation. 6. Updating Contents. 7. Seek from the Dean's, HoD's for their respective areas contents and events information. 8. Communicate with the Web Team to keep apprised of developments 9. Coordinating with the team members. 10. Reviewing website contents time to time to match with the updations in the university information database. 11. To be responsible for all Web data and the file structures in which it is kept 12. Give consolidated feedback to Dean's and HoD's. <p><u>Roles & Responsibilities of MRU Website Team Members</u></p> <ol style="list-style-type: none"> 1. Reviewing the specific portions of Website for its contents accuracy. 2. To be responsible for providing the data specific to the particular area and the formats in which it should be updated on the website. 3. Participate in managing the contents and deciding the layout of the website. 4. Participate in content writing for specific areas. 5. Participate in website meetings. 6. Participate in coordinating and communicating with other departments in fetching the information and data.
4.8	How are the prospective students informed about the criteria for admission, rules & regulations, facilities available, etc?	<ol style="list-style-type: none"> 1. Website 2. Admission Brochure 3. Newspaper Advertisements 4. Exhibitions 5. Visit to Schools

<p>4.9 (4.17)</p>	<p>Whether any grievance redressal mechanism is available in the University? If yes, please provide details about the complaints received against malpractices, etc in the University in the following format: (Details to be provided in Appendix-XII)</p>	<p>The university has developed a three layer grievance redressal system to deal with the grievance of the students in addition to installing the Online Grievance Redressal System and appointing an Ombudsman to address the grievance of the students and staff as per direction of AICTE. Firstly, at the level of HOD of the Department, known as Department Level Grievance Redressal Committee, secondly at the level of Faculty, known as Faculty Level Grievance Redressal Committee and lastly at the Level of the University, known as University Level Grievance Redressal Committee, which is also responsible to redress the grievance of the faculty and staff. The Committees are headed by the HoD of the Departments concerned, Dean of the Faculty Concerned to which Student/Staff belongs and the Dean, Students Welfare respectively. It is working satisfactorily.</p> <p>The matter pertaining to sexual harassment is dealt by the Internal Complaint Committee as per the VISAKHA Guidelines/ Regulations on the subject matter approved by the Board of Management of University. Details of the complaint received so far are provided in Annexure-X as per the format of Appendix-XII.</p>
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5. Curriculum, Teaching Learning Process/ Method. Examination/ Evaluation System:


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5.1	<p>Which University Body finalized the curriculum?</p> <p>The composition of the Body may be given (Board of Studies, Academic Council, Board of Management).</p>	<p>The curriculum is first discussed in Board of Studies and then presented to the Academic Council of the University. After the approval of Academic Council, the Board of Management gives the final approval.</p> <p>The revision of curriculum is a continuous process. It is taken up every two years, but, if it is felt necessary in the interest of students, it is revised partly and implemented even before two years period.</p> <p>For the B.Tech. & M.Tech. Batch admitted in 2018, new curriculum is being framed as per AICTE Model Curriculum</p> <p>The details of the composition are provided in Annexure-XI as per the format of Appendix XVII</p>
5.2	<p>What are the rules/regulations/ procedure for revision of the curriculum and when was the curriculum last updated?</p>	<p>MRU was established in August, 2014 and the first batch started in August, 2015. The new curriculum was introduced in the University in 2015 for B Tech and B Sc. Programmes. The first batch shall graduate in 2019 and 2018 respectively. The rules and regulations for updation / revision of curriculum are being framed. For the B.Tech. & M.Tech. batch being admitted in 2018 new curriculum is framed as per AICTE Model curriculum.</p>
5.3	<p>Whether approval of statutory bodies such as Board of Studies, Academic Council and Board of Management of the University has been taken to start various courses? If Yes, please enclose extracts of the minutes.</p>	<p>Yes, the approval of statutory bodies of the University is taken.</p> <p>As a State Private University, MRU has to seek permission/NOC from State Government for starting of any new programme. After the State Government NOC, the proposal is submitted to the respective bodies.</p> <p>The extracts of Minutes of the Academic Committee & Board of Management are provided in Annexure-XII</p>

5.4	Furnish details of the following aspects of curriculum design: Innovation such as modular curricula inter/multi disciplinary approach.	Details provided in Annexure XII-A
5.5	Has the University conducted an academic audit? If yes, please give details regarding frequency and its usage.	<p>Though the formal Academic Audit system is in the process of development, the University through IQAC and various other committees conducts periodic reviews of following academic processes:</p> <p>A) Course material review --Once in a Semester</p> <p>B) Student feedback --Twice in a Semester</p> <p>C) Attendance review --Thrice in a Semester</p> <p>A. Course material review is done once in a semester, two weeks before the start of classes. The delivery material of all the courses is being reviewed before uploading on the ERP. The lesson plans are prepared by the course co-coordinators in the beginning of the semester. The audit ensures that:</p> <ol style="list-style-type: none"> 1. The laboratory exercises and the relevant tutorials are held in consonance with the topics covered in the lectures. 2. The quality of tutorial exercises is good enough to trigger critical thinking in the students and are solvable in the scheduled time duration. 3. The laboratory exercises should include some additional assignments in addition to the prescribed syllabus <p>B. The student feedback system includes formative and summative</p>

		<p>feedback for each course being taught in that semester. Thus, the feedback is taken twice in a semester.</p> <ol style="list-style-type: none"> 1. The feedback format of each course ensures that the syllabus coverage, delivery of course material, planning for the course delivery, innovative teaching methodology etc are covered. 2. The formative feedback is taken from all the students for every course being taught, 3-4 weeks after the commencement of classes. This feedback is shared with the respective faculty members. 3. The summative feedback is taken from the students who meet minimum attendance criteria, towards the end of the semester. This feedback also assesses the course outcomes and achievements of course objectives. <p>C. Attendance review of students is done thrice a semester.</p> <ol style="list-style-type: none"> 1. The faculty members teaching individual courses are required to update the attendance everyday on ERP. 2. The strength of students present in each class is monitored on daily basis. 3. The cumulative attendance of students is checked thrice a semester one week before the start of sessional exams (T1 & T2) and the final exam. 4. The students, who do not meet the minimum attendance criteria, are warned by sending the information through post as well as telephonically to the parents.
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<p>5.6</p>	<p>Apart from classroom instruction, what are the other avenues of learning provided for the students? (Example: Projects, Internships, Field trainings, Seminars etc.)</p>	<p>Student Internship & Live Projects</p> <p>Experiential learning in internship programs is a key component in undergraduate studies. An internship is a period of structured work experience that helps the students to upgrade their skills according to current industry trends. Students of Faculty of Engineering enroll in various internships offered by reputed Companies. Students have grabbed internship at LinkedIn, Google, JCB India Limited, Maruti Suzuki India Ltd, Scanta, Envestnet, Escorts Coporate Centre, DMRC, Cubical Laboratories Pvt Ltd., Coding Ninja, GigabyteAorus etc. and have been offered stipend for the same. Students of Chemistry department got paid internship at Siddharth Grease and Lubes Pvt. Ltd (SGLPL).</p> <p>In Faculty of Law, students are sent for mandatory internship after every academic year for minimum of 4 weeks. This give them opportunity to understand the nuances of law in action. Students are sent for internship with advocates, senior counsels, law firms, NGOs, governmental departments and judges etc. Details as per Annexure-XII-B are attached.</p> <p>Live Projects :</p> <p>For intertwining of theory and practical, it is essential that students should get involved in projects in collaboration with Industry. Live Projects in collaboration with Industry have given our students exposure to latest tools and techniques being used in Industry.</p> <p>For Mechanical Engineering Department During summer training, students had hands on practice on CNC machine at RVM CAD Centre, Faridabad. Students worked on Ergonomics project by analyzing working methods of workers of Good Year Industry. Students had hands on experience on manufacturing of Glass Fiber Helmet at SK. Engineering, Greater Noida. For Electronics and communication Engineering Department students had hands on experience for manufacturing of Carbon Fiber Ceiling Fan Blade at CFW Enterprises, New Delhi.</p> <p>Students of B.Tech. CSE & IT programme were made to work onlive projects of Company SkyTesters. Students were testing the running softwares of websites such as Gana.com; Snapdeal etc. and reporting the bugs to SkyTesters.</p> <p>TCS Remote Internship Projects:Through Academic Interface Program, TCS provides internships to students from India as well as abroad. Some of the students of Computer Science Department have also developed real time projects under TCS remote internship program. The initial</p>
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		<p>period where they train students to work on certain systems or department is very important and it has to be taken seriously by students.</p> <p>Details as per Annexure- XII-C are attached.</p> <p>Our partnership with Industries such as Su-Kam, DAIKIN, TCS and SkyTesters ensures that regular interaction with people from these Industries happens and students are exposed to Live Projects.</p> <p>Student Chapters of Professional Bodies: Learning environment at MRU encourage collaboration and developing linkages with international and national technical communities through Chapters of International professional bodies like IEEE, SAE, ASME, NPTEL etc.</p> <p>Departments organize various activities under the banner of Technical clubs and various student chapters of IEEE, SAE, ASME etc. Some of the activities organized last year are Programming Contest, APP Development Contest, Tech Mage, Cloud Computing on Azure, Technical Paper Writing and Publishing Workshop, Indian Gaming Show 2K17.</p> <p>Chemistry department keeps on organizing various conferences and workshop under the banner of Green Chemistry Network Centre, MR Chapter.</p> <p>Details as per Annexure- XII-D are attached.</p> <p>Industry Interaction: Guest Lectures, Seminar & Workshops:</p> <p>Manav Rachna University emphasizes on practical exposure and in case of engineering students, industries are the internship fields. The integration between academia and profession is incomplete unless academic institutions and professionals in the industry have regular interactions with each other. Professionals from the industry are invited to interact with students and teachers on regular basis. Their inputs are critical to fill the gap between the theory and practical aspects of learning.</p> <p>Notable among visitors from Industry are Mr. Manoj Khattar Director, USHA International Ltd., Mr. ParimalPriyadarshi, Founder, Brainstorming Labs LLP, Mr. Ravi Makhija, Director, RVM CAD, Faridabad, Mr.</p>
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	<p>SoumilMahajan, Director, CARBONSLICE, Faridabad. Mr. Pankaj, Deputy Manager, IFFCO, Gujrat. Mr. Ajay Sharma, Head-Supplier Quality, Knott Bremse India Pvt. Ltd. Mr. Parag Kavthekar, Regional Trainer (North) Automotive, Bosch Training Centre.Mr. DushyantVarshney, Senior Engineer, Samsung Heavy Industries, Noida, Sr. Engineers from Cadence, 3ST, Truchip have been invited to bring awareness about the core electronics company's requirements.</p> <p>Dr. Satinder Ahuja, Ahuja Consulting, USA, Dr. Shashikant, IOCL R&D, Dr. AvtarMatharu, University of York, UK; Mr. Bharat, Agilent Technologies, Dr. Luca Nizetto, Norwegian Institute of Water Research added to the list of eminent R&D scientists and industry professionals who visited the campus and interacted with faculty and students.</p> <p>University is encouraging closer interactions by inviting eminent academicians and industry professionals to engage in class room teaching by teaching a module of course. We organized a lecture series on C-13 NMR spectroscopy by Dr. Sarpal, IOCL R&D from March 1-17,2017 and another on Research Paper Writing by Prof. VeenaChoudhary, IIT Delhi from Feb 4-April 24, 2018.</p> <p>Faculty of Law organizes talks, workshops and guest lectures on continuous basis. It provides the studetns with an opportunity to learn Law in Action and also interact with legal professionals. Last year, Faculty of Law celebrated Law Week to commemorate the Samidhan Divas, which falls on 26th Nov. Law week witnessed talks and lectures by eminent legal personalities such as Justice K. G. Balakrishnan, former Chief Justice of India, Prof. B. T. Kaul, the then Director, Delhi Judicial Academy, Prof. Alka Chawla, Delhi University, Dr. Jyoti D. Sood, Prof., Indian Law Institute, New Delhi, Dr. Usha Ramanathan, advisor Aadhar Litigation in Supreme Court inter alia.</p> <p>Faculty of Education, in addition to focusing on the core curriculum also provides ample opportunities to the learners in form of value addition to facilitate that industry experts are invited and guest workshop are organized MsLissa-Apple education, MS Sunit Kaur-Google Education, DrShabdaBedi-Azim Premji Foundation, MrManoj Kumar-NCERT, MsJyoti Chaudhary-SCERT, Ms NitikaMendiratta-RCI. The areas covered by them ranges from puppetry, calligraphy, multiple intelligence, innovative pedagogical practices, an Inclusive classroom, digital pedagogies, Microsoft imagine Academy, Theatre and visual arts.</p> <p>On 4th April 2017 Four revered figures across industries—Shri Rajan Nanda, Chairman & MD Escorts Group, Shri R.C. Bhargava, Chairman, Maruti Suzuki; Shri Dinesh Kumar Sarraf, Chairman & MD, ONGC and</p>
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Ms Shradha Suri, MD, Subros Group visited the campus and were awarded with Manav Rachna Excellence Awards 2017. This year too, eight prominent personalities across the industry were awarded ManavRachna Excellence Awards 2018 on 14th April 2018.

Seminar & Workshops:

Engineering departments organize series of talks, seminars and workshops, by researchers and industry experts on latest trends like Agile Methodology, Kanban Methodology, Scrum, Big Data and Cloud Computing, Data Warehousing, Digital Marketing, IOT, VoLTE etc

Faculty of Education partners with Department of School Education, Haryana and contributes towards the Capacity Building activities of Government school teachers, students, headmasters and principals. Workshops on innovative pedagogies, vedic mathematics, evaluation practices, Learning Enhancement Program, Art and Craft Skill development campus visits for students studying in Grade 9-12. These workshops are attended by above 250 teachers. Details as per **Annexure- XII-E** are attached.

Industry Academia Partnership:

The department of CST is conscious about bridging the gap between industry & academia and has collaborations with various industries. Testimonial to this is the association with Infosys since 2009 for training the students and faculty members under the purview of Infosys Campus Connect Programme. Under this programme, Infosys certified faculty members conduct special modules for grooming technical skills and soft skills of graduates, as per industry demand.

The CST department is offering B.Tech Computer Science & Engineering with specialization in Data Science & Machine Learning and Digital Transformation, in collaboration with Xebia, which is a Dutch based IT company. The Department has adopted Google Specialized courses like Mobile App Development with Android in the curriculum.

University has on campus Daikin Centre of Excellence in the area of Air Conditioning and SuKams Smart Energy Centre. Through these Centre's Faculty members are exposed to trainings in advanced areas by the industry. Faculty members bring back this expertise to class rooms and laboratories.

Chemistry department is working in close association with various R&Ds and industries. As experimental exposure is the key to get indepth understanding on any technique, the department keeps on sending

		<p>M.Sc. students for their one month and three month internships to various industries. Details as per Annexure – XII-F</p> <p>Faculty of Law has an envious Advisory Board to guide and supervise the academic and co-curricular activities for law programs. The Advisory Board is chaired by none other than Justice R. C. Lahoti, Former Chief Justice of India. Advisory board's inputs in academic programs helps include content and methodology, which is relevant in practical life.</p> <p>Faculty of Education partners with Microsoft Education in the form of Microsoft Imagine Academy, GEF Publications and ,Manav Rachna International Schools</p> <p>Details as per Annexure- XII-G are attached.</p> <p>Industrial Visit :</p> <p>Industrial visits are inextricable component of engineering graduate degree. At Manav Rachna University, along with 6 month - long industrial training/ internship in 8th semester, summer breaks are also utilized to give industrial exposure.</p> <p>All the Departments emphasize on numerous activities acknowledged as modules depending upon the requisite of several industries. These modules embrace several types of platforms for designing and simulation of software as well as hardware. These modules make the students, industry ready and also empower them to pursue their research to the extent of prototyping and simulation. Moreover, students are not constrained within University premises for summer training; instead they are endorsed to join the reputed industries to have the essence of real world.</p> <p>Students of CSE & IT program visit Infosys Chandigarh Campus under the Campus Connect Initiative. In fact Manav Rachna University has partnered with Infosys (since 2009 onwards) for Campus Connect Programme and is currently the Advanced Partner. Last Year, these Industrial visits were conducted on March 30th 2017 and June 28th 2017.</p> <p>Students of the first year Mechanical Engineering visited <i>Honda Cars India Ltd, Tapukara Industrial Area, Khushkhera, Distt: Alwar ,Rajasthan</i> on January 10th,2018 .The main objective of the visit was to give students the exposure of real life industry environment.Another industrial visit was organized to <i>Maruti Suzuki Pvt. Ltd, Gurugram</i> on July 28th, 2017 for the first semester ME students.</p> <p>Students of B.Sc. (H) Chemistry and M.Sc. visited IIT Roorkee, Shreya Pharmaceuticals, Roorkee, NPCIL, Narora and NTPC R&D.</p> <p>Students of B.A.LL.B., BBA LL.B. and B. Com.LL.B.visited the Hon'ble</p>
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		<p>High Court of Delhi and Supreme Court Museum. In the Delhi High Court, students witnessed the live proceedings in the open courts. Industrial visits to SCERT-Gurugram, GEF publication Unit, National Museum of Science, Monuments of Medieval History, ManavRachna International Schools have been organized for Faculty of Education students.</p> <p>Summer Training Programme: Summer trainings are an integral part of all programmes. Students are required to be part of either the inhouse specially designed summer training modules or do their internship at an industry/R&D institution/NGO/Law firms/Schools as per the specific requirement of their program.</p> <p>Faculty of Education B.Ed Second Semester students have been engaged in their summer training projects with Rehabilitation centres for Juveniles coaching, NGOs, NIOS, Publishing Houses, ShaalaSaarthi Scheme of MHRD, and Instructional Designer.</p> <p>Integrated B.Ed students have been provided in house summer training with a focus on Skill enhancement in Spoken Skills and advanced lab activities were scheduled for B.Sc.B.Ed. students. Details as per Annexure- XII-H are attached.</p> <p>Corporate Social Responsibility Training : CSR or as we rechristen it as Institutional Social Responsibility and community service is an integral part of Manav Rachna Ecosystem. Special emphasis is laid to develop the spirit of giving back to the society in the students. The system encourages the faculty and students to participate in various community services under the aegis of Dr. O.P.Bhalla Foundation. The ISR initiatives range from education, skills development, waste management, climate change, and food for all under the initiative "Ek Mutthi Daan." Blood Donation camp is organized every year in collaboration with Lions Club of Faridabad which is managed majorly by the students. Students also organize various events based on gender sensitization & Swachh Bharat Abhiyan.</p> <p>Faculty members and students closely work with Jeevandayini Social Foundation, which is an NGO working extensively for spreading awareness on bone marrow & stem cell donations and providing financially assistance & blood/platelets support to the people battling life threatening Blood Related Disorders.</p>
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K. P. S.
Registrar

5.7	Please provide details of the examination system (Whether examination based or practical based)	The details are provided in Annexure-XIII																																																		
5.8	What methods of evaluation of answer scripts does the University follow? Whether internal experts are invited for evaluation?	The details are provided in Annexure-XIV																																																		
5.9	Mention the number of malpractice cases reported during the last 3 years and how they are dealt with.	<table border="1"> <thead> <tr> <th rowspan="2">Examination</th> <th rowspan="2">Semester</th> <th rowspan="2">Held on</th> <th rowspan="2">No. of Cases Booked</th> <th colspan="2">Decision</th> </tr> <tr> <th>Exam. Cancelled</th> <th>Strict Warning</th> </tr> </thead> <tbody> <tr> <td>T1</td> <td>1st</td> <td>31/8/2015 to 4/9/2015</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>T2</td> <td>1st</td> <td>5/10/2015 to 12/10/2015</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>T3</td> <td>1st</td> <td>10/12/2015 to 21/12/2015</td> <td>1</td> <td>0</td> <td>1</td> </tr> <tr> <td>T1</td> <td>2nd</td> <td>22/2/2016 to 2/3/2016</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>T2</td> <td>2nd</td> <td>28/3/2016 to 31/3/2016</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>T3</td> <td>2nd</td> <td>23/5/2016 to 3/6/2016</td> <td>3</td> <td>0</td> <td>3</td> </tr> <tr> <td>T1</td> <td>1st</td> <td>22/08/2016 to 26/08/2016</td> <td>3</td> <td>0</td> <td>3</td> </tr> </tbody> </table>	Examination	Semester	Held on	No. of Cases Booked	Decision		Exam. Cancelled	Strict Warning	T1	1st	31/8/2015 to 4/9/2015	0	0	0	T2	1st	5/10/2015 to 12/10/2015	0	0	0	T3	1st	10/12/2015 to 21/12/2015	1	0	1	T1	2nd	22/2/2016 to 2/3/2016	0	0	0	T2	2nd	28/3/2016 to 31/3/2016	0	0	0	T3	2nd	23/5/2016 to 3/6/2016	3	0	3	T1	1st	22/08/2016 to 26/08/2016	3	0	3
Examination	Semester	Held on					No. of Cases Booked	Decision																																												
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T1	2nd	22/2/2016 to 2/3/2016	0	0	0																																															
T2	2nd	28/3/2016 to 31/3/2016	0	0	0																																															
T3	2nd	23/5/2016 to 3/6/2016	3	0	3																																															
T1	1st	22/08/2016 to 26/08/2016	3	0	3																																															

Examination	Semester	Held on	No. of Cases Booked	Decision	
				Exam. Cancelled	Strict Warning
T2	1 st	26/09/2016	7	3	4
T3	1 st	03/10/2016 to 23/10/2016	14	0	14
T1	2 nd	13/02/2017 to 16/02/2017	0	0	0
T2	2 nd	20/07/2017 to 23/02/2017	5	5	0
T3	2 nd	23/05/2017 to 08/06/2017	3	0	3
T1	1 st	28/08/2017 to 31/08/2017	5	0	5
T2	1 st	29/09/2017	19	0	19
T3	1 st	02/12/2017 to 19/12/2017	10	-	-

The cases were dealt with in such a way to ensure 'zero tolerance policy' towards malpractices. Following procedure was adopted:

- a. The Unfair means committee constituted in this regard invited all the concerned parties i.e. Student, Parents, Invigilator, Floor superintendent to appear before the committee separately.
- b. The committee examines all the evidences submitted.
- c. The committee decides on the punishment based on the severity of the case and factual evidences and recommends to the Vice Chancellor.

The Vice Chancellor takes appropriate decision, for implementation by the office of the Controller of Examination.

K. Singh
Registrar

5.10	Does the University have a continuous internal evaluation system?	<p>University follows a policy of continuous evaluation with the objective of training a student to put in sustained, steadfast and disciplined effort over the entire period of study. The semester evaluation of a course consist of Part A and Part B. Part A comprises the formal evaluation for which student is evaluated through an examination (modes of which may vary such as written exam, open book examination, viva voce etc). Part B comprises the evaluation that is done by the individual instructor based on specific criteria. The weightage of Part A: Part B is 4:1. In case of Part A evaluation, the student is evaluated thrice in a semester.</p> <p>(5.11 Not Available in UGC Performa)</p>
5.12	How are the question papers set to ensure the achievement of the course objectives?	<p>Every course has well defined objectives and outcomes. All assessment and evaluation activities are aimed at demonstration of these outcomes. Designing of question papers is done keeping in mind the desired outcomes. A balanced mix of questions is set which targets all levels of thinking skills.</p>
5.13	State the policy of the University for the Constitution of Board of Question Paper Setters, Board of Examinations and Invigilators.	<p>Panel of Question Paper Setters:</p> <p>Board of Studies of the Departments sends a subject wise panel of question paper setters (comprising external as well as internal experts), every semester to the CoE office. After approval of the panels by the Vice Chancellor, CoE appoints one internal and one external paper setter for each course. The names in the panel as well as the appointed paper setters are confidential.</p> <p>Board of Examiners:</p> <p>A panel of internal and external examiners for Practical examinations is appointed by the Head of the departments. For the purpose of evaluation of answer scripts the examiners are appointed by the Head of the Department with the approval of dean of Faculty.</p> <p>Invigilators:</p> <p>Invigilators are appointed from among the faculty members of the University by the Controller of Examination.</p>

5.14 How regular and time bound the conduct of examinations and announcement of results? Substantiate with details of dates of examinations and announcement of results for the last 3 years. Details to be provided in the following format:

All examinations and announcement of results are conducted as per the dates given in the Academic Calender of the University. As per policy, University has to declare the results of end semester examination within 21 days of the conduct of last examination. The results are displayed on the Notice Boards as well as Website of the University.

Examinations Dates and Result Declaration

Year	Date of Exams	Dt of Announcement of Results
2015-16 (Odd Sem)		
2015-16 (T1)	31/8/2015 to 4/9/2015 excluding MBA & M.Tech.	1 st Jan, 2016
2015-16 (T1)	14/9/2015 to 23/9/2015 (MBA/ M.Tech.)	
2015-16 (T2)	5/10/2015 to 12/10/2015	
2015-16 (T3)	10/12/2015 to 21/12/2015	
2015-16 (Even Sem)		
2015-16 (T1)	22/2/2016 to 2/3/2016	22 nd June, 2016
2015-16 (T2)	28/3/2016 to 31/3/2016	
2015-16 (T3)	23/5/2016 to 3/6/2016	
2016-17 (Odd Sem)		
2016-17 (T1)	22/8/2016 to 26/8/2016 (B.Tech/B.Sc-ii)	4 th -6 th Jan 2017
2016-17 (T1)	13/9/2016 to 16/9/2016	
2016-17 (T2)	26/9/2016 to 1/10/2016	
2016-17 (T3)	03/12/2016 to 28/12/2016	
2016-17 (Even Sem)		
2016-17 (T1)	13/02/2017 to 16/02/2017	19 th -28 June 2017
2016-17 (T2)	20/03/2017 to 23/02/2017	
2016-17 (T3)	23/05/2017 to 08/06/2017	
2017-18 (Odd Sem)		
2017-18 (T1)	28/08/2017 to 31/08/2017	22 nd Dec, 2017 to 1 st Jan., 2018
2017-18 (T2)	29/09/2017 to 05/10/2017	
2017-18 (T3)	02/12/2017 to 19/12/2017	


Registrar

Manav Rachna University

43, Anayali Hills, Suraj Kund Road

D. Admission Process:

<p>6.1</p>	<p>How are the students selected for admission to various courses? Please provide faculty-wise information.</p> <ol style="list-style-type: none"> Through special entrance tests. Through interviews Through their academic record Through combination of the above. <p>Please also provide details about the weightage given to the above.</p>	<p>Students are selected for admission to various programmes through a combination of entrance tests, interviews and their academic record.</p> <p>The faculty-wise details are provided in Annexure-XV.</p>														
<p>6.2</p>	<p>Whether the University is admitting students from national level entrance test or state level entrance test? If yes, please provide details:</p>	<p>All students are admitted on the basis of national entrance exams as already detailed in Annexure-XV. The data of the students admitted in 2016-17 & 2017-18 on the basis of national tests is as given below:</p> <table border="1"> <thead> <tr> <th rowspan="2">Name of the National/ State Level Entrance Exam</th> <th colspan="2">2016-17</th> <th colspan="2">2017-18</th> </tr> <tr> <th>No. of Students Admitted</th> <th>% of Students from the Total Admitted</th> <th>No. of Students Admitted</th> <th>% of Students from the Total Admitted</th> </tr> </thead> <tbody> <tr> <td>JEE(Main)/ Uni-Gauge/ MRNAT</td> <td>149</td> <td>36.51</td> <td>191</td> <td>32.21</td> </tr> </tbody> </table>	Name of the National/ State Level Entrance Exam	2016-17		2017-18		No. of Students Admitted	% of Students from the Total Admitted	No. of Students Admitted	% of Students from the Total Admitted	JEE(Main)/ Uni-Gauge/ MRNAT	149	36.51	191	32.21
Name of the National/ State Level Entrance Exam	2016-17			2017-18												
	No. of Students Admitted	% of Students from the Total Admitted	No. of Students Admitted	% of Students from the Total Admitted												
JEE(Main)/ Uni-Gauge/ MRNAT	149	36.51	191	32.21												
<p>6.3</p>	<p>Whether admission procedure is available on the University website and in the prospectus?</p>	<p>Yes, Admission Procedure is available on the University Website http://www.mru.edu.in. The procedure is given in detail in the Brochure.</p>														
<p>6.4</p>	<p>Please provide details of the eligibility criteria for admission in all the courses.</p>	<p>The details of the eligibility criteria for Admission in all the Courses are provided in Annexure-XVI</p>														

6.5 Whether University is providing any reservation/ relaxation in admission? If yes, please provide details in the following format:

2016-17

The University is providing relaxation of 10% in cut off to Kashmiri migrants in admission and providing reservation of 25% in seats for Haryana Domicile candidates as detailed below:

Category	No. of Students Admitted		% of Quota provided for Reservation & Preparation in respect of Actual Enrolment.
	GEN	SC	
Reserved Category	189	4	25% of total intake reserved for Haryana domicile, out of which 10% reserved for SC
Relaxation in Admission	0	0	

2017-18

The University is providing relaxation of 10% in cut off to Kashmiri migrants in admission and providing reservation of 25% in seats for Haryana Domicile candidates as detailed below:

Category	No. of Students Admitted		% of Quota provided for Reservation & Preparation in respect of Actual Enrolment.
	GEN	SC	
Reserved Category	256	6	25% of total intake reserved for Haryana domicile, out of which 10% reserved for SC
Relaxation in Admission	0	0	

<p>6.6</p>	<p>Whether any management quota is available for admission in the University? If yes, please provide details in the following format:</p> <table border="1"> <thead> <tr> <th>Total No. of Seats (Course wise)</th> <th>No. of Students Admitted</th> <th>No. of Students Admitted under Management quota</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Total No. of Seats (Course wise)	No. of Students Admitted	No. of Students Admitted under Management quota				<p>No</p>
Total No. of Seats (Course wise)	No. of Students Admitted	No. of Students Admitted under Management quota						
<p>6.7</p>	<p>What is the admission policy of the University with regard to NRI and overseas students?</p>	<p>Admission of NRI/ PIO/ Foreign Nationals:</p> <p>a) Programmes Offered: All the UG programs (B.Sc, BBA, Integrated B.Ed and Integrated LLB) offered by the University are available for the NRI/PIO and Foreign Nationals. Details procedure thereof are as follows:</p> <p>b) Admission Procedure:</p> <p>NRI/ PIO/ Foreign Nationals seeking admissions in different Programs in MRU submit scanned copy of duly filled and signed simplified application form downloadable from MRU Website: www.iec.mru.edu.in along with scanned copy of the following certificates:</p> <p>(i) Academic Transcript translated in English (if original transcript is in a language other than English). The translated transcript in English has to be attested by Indian Embassy of the candidate's Country, Embassy of Candidate's Country in India or Head of Deptt., Department of Education, Province, Federal</p>						

		<p>Government of the Candidate's Country.</p> <p>(ii) Passport showing the name, address, validity, Issuing authority, valid reason, if any etc.</p> <p>(iii) The Candidates is also required to submit two letters of recommendation from the faculty, authorities of their previous Institution/School. In case of application for under graduate programme one LOR may preferably be from School Counselor.</p> <p>2. On receipt of application form, MRU shall get the eligibility of the candidate confirmed for the applied academic programme and convey to the candidate whether he/she is eligible for admission or not.</p>

D. Fee Structure:

7.1	Present Course-wise fee Structure of the University. (Please provide Head-wise details of total fee charged).	The details are provided in Annexure-XVII
7.2	Any other fee charged by the University other than the fee displayed in the UGC Website (e.g. Building Fee, Development Fee, Fee by any name, etc.)	No

7.3	Whether fee structure is available on the University Website and in the Prospectus?	Yes, available on both i.e. University Website & Prospectus.
7.4	Whether fee is charged by the University as per the structure displayed in the University Website and in the Prospectus or some hidden charges are there?	Yes, fee is charged by the University as per fee structure displayed on the University Website and as published in the Prospectus. No hidden charges are there.
7.5	Mode of Fee collection	DD/ On-line Transfer/ Credit Card/ PayTM
7.8	Whether University is providing any concession in fee to students? If yes, please provide details.	Yes 1. Meritorious Student's Scholarship 2. Merit cum Means Scholarship 3. Special financial assistance to needy students on case to case basis. Refer Annexure-IX for details.
7.9	Details of the Hostel Fee including mess charges.	The details are provided in Annexure-XVIII
7.10	Any other Fee	No
7.11	Basis of Fee Structure	Commensurate with the facility and expenditure under various heads.
7.12	Whether the University has received any complaint with regard to fee charged or fee structure? If yes, please give details about the action taken.	No

7.13	Whether University is providing any Scholarship to students? If yes, please provide details.	Yes, University provides Scholarships to students who top their semester exams. Refer Annexure-IX for details.
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F. Faculty:

8.1	Total no. of Sanctioned and Filled-up Posts (Institution-wise and Department-wise)	Details are provided in Annexure-XIX																															
8.2	Details of teaching staff in the following format (Please provided details – Institution wise and Department wise) (Details to be provided in Appendix-XIII)	Details are provided in Annexure-XX as per the format of Appendix-XIII.																															
8.3	Category-wise No. of Teaching Staff	<table border="1"> <thead> <tr> <th>Category</th> <th>Female</th> <th>Male</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>SC</td> <td>--</td> <td>02</td> <td>02</td> </tr> <tr> <td>ST</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>OBC</td> <td>--</td> <td>03</td> <td>03</td> </tr> <tr> <td>PH</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>General</td> <td>79</td> <td>45</td> <td>124</td> </tr> <tr> <td>Total</td> <td>79</td> <td>50</td> <td>129</td> </tr> </tbody> </table>				Category	Female	Male	Total	SC	--	02	02	ST	--	--	--	OBC	--	03	03	PH	--	--	--	General	79	45	124	Total	79	50	129
Category	Female	Male	Total																														
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ST	--	--	--																														
OBC	--	03	03																														
PH	--	--	--																														
General	79	45	124																														
Total	79	50	129																														
8.4	Details of the permanent and temporary faculty members in the following format																																
No. of teachers with Ph.D as the highest qualification		Permanent	Female	Male	Total																												
No. of teachers with M.Phil as the highest qualification		Total	79	50	129																												
No. of teachers with PG as the highest qualification		Ph.D	38	23	61																												
Total No. of Temporary Teachers		PG	41	27	68																												
No. of teachers with Ph.D as the highest qualification		Temporary	Female	Male	Total																												
No. of teachers with M.Phil as the highest qualification		Total	0	5	5																												
No. of teachers with PG as the highest qualification		Ph.D	0	4	4																												
Total No. of Part-Time Teachers		Others	0	1	1																												
Total No. of Part-Time Teachers		Total No. of Part Time Teacher is Nil																															

No. of teachers with Ph.D as the highest qualification	
No. of teachers with M.Phil as the highest qualification	
No. of teachers with PG as the highest qualification	

<p>Total No. of Visiting Teachers</p>	<p>Total No. of Visiting Teacher is 13</p> <ol style="list-style-type: none"> 1) Ms. Rupali S. Aneja, Education & Law 2) Mr. Sanjay Kumar Sadana, Management 3) Dr. S.C Manchanda, Management 4) Dr. K.K Yadav, Management 5) Mr. Vishal Panwar, Management 6) Vikram Manchanda, Management 7) Prof. Veena Chaudhary, Chemistry (Professor, Emeritus IIT DI) 8) Dr. Sarpal Singh, Chemistry, Rtd. IOCL (R&D) 9) Prof. Sidharth Dash, Management 10) Prof. AP Suri, Law 11) Ms. Priyanka Sharma, Education 12) Ms. Meena Goswami, Education 13) Ms. Reshma Bhowan, Education <p>Contractual Faculties</p> <ol style="list-style-type: none"> 1. Prof. B. M Bahl, Physics 2. Prof. A.K. Gupta, Chemistry <p>Adjunct Faculty</p> <ol style="list-style-type: none"> 1. Prof. MR Tyagi, ME 2. R.C. Chaturvedi (Rtd.) GM, BHEL, ME 3. Prof. Jose P. Verghese, Law.
<p>8.5 Ratio of full-time teachers to part-time/ contract teachers</p>	<p>Permanent Faculty : Part time/Contract/ Temporary 1:0.14 (One is to Point One Four)</p>

8.6	<p>Process of recruitment of faculty -Whether advertised? (Pl. attach copy of the ad) Whether Selection Committee was constituted as per the UGC Regulations?</p>	<p>Yes, the process of recruitment of faculty is through advertisement. Copies of Advertisement are provided in Annexure-XXI The Selection Committee was constituted as per the provision in the statutes of the University duly approved and notified by the Govt. of Haryana.</p>
8.7	<p>Does the University follow self- appraisal method to evaluate teachers on teaching, research and work satisfaction? If yes, how is the self-appraisal of teachers analysed and used? Whether: Self Appraisal Evaluation Peer Review Students evaluation Others (specify)</p>	<p>Yes, the University follows the UGC/AICTE Guidelines for Self Appraisal. At the time of appraisal, the faculty members fill up a self- appraisal form which has performance indicators based upon teaching, research and administrative contributions to the University by the faculty members. The self-appraisal form has been developed as per UGC/AICTE guidelines. The self assessment scores by faculty members are scrutinized by their respective Head of the Departments and Deans.</p>
8.8	<p>Institution-wise and Department- wise teacher student ratio (only full time faculty)</p>	<p>Faculty of Engineering: 1:16 Faculty of Applied Sciences: 1:5 Faculty of Management: 1:21 Faculty of Law: 1:10 Faculty of Education: 1:5 University Teacher Student ratio : 1:12</p>
8.9	<p>Whether the University is providing UGC Pay Scales to the Permanent Faculty? If yes, please provide the following details: Scale of Pay with all the</p>	<p>Yes</p>

	allowances Professor----- Associate Professor---- Assistant Professor---- Mode of Payment----- (Cash/Cheque)	PB4 (37400-67000), GP 10000/- PB4 (37400-67000), GP 9000/- PB3 (15600-39100), GP 6000/- to 8000/- Cheque / Bank Transfer
8.10	Pay/Remuneration provided to: Part-Time Faculty Temporary Faculty Guest Faculty	Part Time & Temporary Faculty- Remuneration is paid to them on hourly basis based on the qualification, experience and current status of the faculty. Apart from this, a fixed travel allowance is given to the part time/guest faculty member as per rule of the University. Following rate of remuneration is currently in force: Professor: (UG- Rs. 900/- per lecture, Rs. 450/- Lab + Conveyance) (PG- Rs. 1100/- per lecture, Rs. 550/- Lab + Conveyance) Associate Professor: (UG- Rs. 600/- per lecture, Rs. 300/- Lab + Conveyance) (PG- Rs. 750/- per lecture, Rs. 375/- Lab + Conveyance) Assistant Professor: (UG- Rs. 500/- per lecture, Rs. 250/- Lab + Conveyance) (PG- Rs. 600/- per lecture, Rs. 300/- Lab + Conveyance) However, University has been paying higher rate of remuneration to the Professors/ Associate professors invited from the institution of repute to deliver special Lecture/ Invited Talks. Special remuneration is paid to the persons appointed as Honorary Professor/Adjunct Faculty.

8.11	Facilities for teaching staff (Please provide details about Residence, Rooms, Cubicles, Computers/ Any other)	<ul style="list-style-type: none"> • The University provides a quality infrastructure, conducive to attainment of academic excellence for all, whether it is faculty, staff or students. • Well-lit, ICT enabled classrooms with white boards and markers and a centrally air conditioned building; WiFi enabled campus make for a salubrious teaching environment. • The staff rooms are fitted with modular furniture providing a comfortable and ergonomically sitting arrangement and environment for self study. All faculty members have either laptops or desktops with internet facility available individually to them. • The well stocked library subscribes to major e-journal packages and books to help the faculty members in their research pursuits. • ERP system helps faculty members in better management of time and decision making. • The University encourages faculty members to participate in different Conferences, Seminars, Workshops, Faculty Development Programmes etc. Registration fees, travel allowance and D.A. are provided to the participating faculty members. • The liberal consultancy rules have been framed by the University to provide faculty members enough opportunities to benefit individually. • The University provides seed money to the faculty members for research projects. • MRU organizes time to time free health check up Camps for faculty and staff members. The faculty members can get physiotherapy sessions and dental check ups/ treatments at a
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		<p>very nominal price at the facilities available under Manav Rachna Educational Institutions.</p> <ul style="list-style-type: none"> • Children of Faculty members studying in Manav Rachna International Schools get 25% fee waiver in tuition fee. • The University believes in the values of oneness and celebrates the four major festivals of Diwali, Id, Gurupurv and Christmas in Campus with the faculty members. • The faculty and staff members who complete their 10 years of service with the Manav Rachna family are felicitated with certificates and gift on New Year.
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G. Infrastructure:

9.1	Does the University have sufficient space for Land & Building?	Yes
9.2	Does the University have sufficient Class Rooms?	Yes
9.3	Laboratories & Equipment (Details to be provided in Appendix-XIV and Appendix-XV)	Details are provided in the Annexure-XXII as per the format of Appendix-XV
a)	Item Description (make and model)	
b)	Location (Department)	
c)	Value (Rs.)	
d)	Present Condition	
e)	Date of Purchase	
9.4	Library	Details are provided in Annexure-XXIII as per the format of Appendix-XIV
a)	Total Space (all kinds)	19,100 sq.ft.

b)	Computer/ Communication Facilities:	Digital Libray with 60 workstations offering access to over 25,000 journals through intranet and internet in campus and beyond campus 24 x7. Dynamic Library Portal offering single point of access to the Library Resources and Federated Search Solution offering single window search for all digital resources.
c)	Total Number of Reference Books (Each Department):	10212
d)	All Research Journals Subscribed on regular basis	106 Journals and Magazines in print and access to over 25,000 e-journals. e-Journals Database subscribed are: ASME, ACM, ASTM Digital Library, J-Gate Engineering and Technology, J-Gate Social and Management Sciences, Supreme Court Online, Developing Library Network and Associate Membership of INFLIBNET
9.5	Sports Facilities (Details to be provided in Appendix-XVI)	Details are attached in Annexure-XXIV as per the format of Appendix XVI
a)	Open Play Ground(s) for outdoor sports (Athletics, Football, Hockey, Cricket etc)	Football, Cricket & Volleyball
b)	Track for Athletics	No
c)	Basketball Courts	Yes
d)	Squash/Tennis Courts	Yes
e)	Swimming Pool (Size)	No
f)	Indoor Sports Facilities including Gymnasium	Badminton, Table Tennis, Pool, Billiards
g)	Any other	Shooting Range 10 mtr. & 25 mtr.
9.6	Does the University has provision for Residential Accommodation including hostels (boys & girls separately)	The University has limited number of residential accommodations. However, it has facility of accommodations for Boys and Girls Hostel.

H. Financial Viability:

<p>10.1</p>	<p>Details of the Corpus Fund created by the University</p> <p>Amount -----></p> <p>FDR No. -----></p> <p>Period -----></p> <p>(Documentary evidence to be given)</p>	<p>5,00,000,00/- (Rupees Five Crores only)</p> <p>ESG020628</p> <p>08.07.2014 to 08.07.2019 (Five Years)</p> <p>Copy of the DD annexed as Annexure No. XXIV-A</p>																								
<p>10.2</p>	<p>Financial position of the University (please provide audited income and expenditure statement for the last 3 years)</p>	<table border="1"> <thead> <tr> <th>Sl. No</th> <th>Year</th> <th>Income</th> <th>Expenditure</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2017-18</td> <td>286073489</td> <td>318403758</td> </tr> <tr> <td>2</td> <td>2016-17</td> <td>305261290</td> <td>293426926</td> </tr> <tr> <td>3</td> <td>2015-16</td> <td>316659660</td> <td>305119297</td> </tr> </tbody> </table>	Sl. No	Year	Income	Expenditure	1	2017-18	286073489	318403758	2	2016-17	305261290	293426926	3	2015-16	316659660	305119297								
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<p>10.3</p>	<p>Sources of finance and quantum of funds available for running the University (for last audited year)</p> <p>Fees-----></p> <p>Donations-----></p> <p>Loan-----></p> <p>Interest-----></p> <p>Any Other (Pl. Specify)-----></p>	<p>Rs. 282027723/-</p> <p>Rs. 10500000/-</p> <p>Nil</p> <p>Rs. 5509426/-</p> <p>Rs.7224141/-</p>																								
<p>10.4</p>	<p>What is the University's 'unit cost' of education? (Unit cost=total annual expenditure (budget accruals) decided by the number of students enrolled) Unit cost calculating excluding the salary component may also be given.</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"></td> <td style="text-align: right;">Total Expenditure</td> <td style="text-align: right;">332065937.00</td> </tr> <tr> <td>Total Unit Cost=</td> <td style="text-align: center;">----- = -----</td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;">No. of Students</td> <td style="text-align: right;">1556</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">= Rs.213410/-</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">202054883.00</td> </tr> <tr> <td>Unit Cost Excluding Salary =</td> <td style="text-align: center;">-----</td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;">1556</td> <td></td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">= Rs.129855/-</td> </tr> </table>		Total Expenditure	332065937.00	Total Unit Cost=	----- = -----			No. of Students	1556			= Rs.213410/-			202054883.00	Unit Cost Excluding Salary =	-----			1556				= Rs.129855/-
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I Governance System:

11.1	<p>Composition of the statutory bodies of the University (Please give names, profession and full postal address of the members and date of constitution):</p> <p>Governing Board Executive Council Board of Management Academic Council Finance Committee Board of Studies Others</p> <p>(Details to be provided in Appendix-XVII)</p>	Composition of statutory bodies available in Annexure-XI
11.2	<p>Dates of the meetings of the above bodies held during the last 2 years</p> <p>(Enclose attested copy of the minutes of the meetings)</p>	<p>Governing Body: (Annexure-XXV) 15.12.2016, 26.05.2017 04.10.2017 & 20.01.18</p> <p>Board of Management: (Annexure-XXVI) 28.09.2016, 15.05.2017, 13.09.2017, 15.01.2018 & 12.07.2018</p> <p>Academic Council: (Annexure-XXVII) 12.01.2016, 20.10.2016, 12.04.2017, 08.09.2017, 08.12.2017 & 06.06.2018</p> <p>Finance Committee: (Annexure-XXVIII) 06.09.2016, 17.01.2017, 09.05.2017, 11.09.2017, 05.01.2018 & 26.04.2018</p> <p>Board of Studies: (Annexure-XXIX)</p> <p>BoS-CST 05.09.2016</p> <p>BoS-ECE 27.09.2016, 24.03.2017 & 18.04.2018</p> <p>BoS-ME</p>

		<p>15.10.2016, 18.03.2017 & 16.04.2018</p> <p>BoS-Physics 06.01.2016, 01.10.2016, 20.03.2017, 31.03.2017 & 04.05.2018</p> <p>BoS-Chemistry 21.05.2016 & 01.10.2016, 31.03.2017 & 06.04.2018</p> <p>BoS-Mathematics 20.05.2016, 01.10.2016, 25.05.2017 & 17.04.2018</p> <p>BoS-Management 15.10.2016, 10.04.2017 & 19.01.2018</p> <p>BoS-Education 17.04.2017 & 10.04.2018</p> <p>BoS -Law 05.08.2017</p>								
11.3	<p>What percentage of the members of the Boards of Studies, or such other Academic Committees, are external? Enclose the guidelines for BoS or such other Committees.</p>	<p>Board of Faculty : 20%</p> <p>Academic Council : 20%</p> <p>Board of Studies : 20% to 35%</p> <p>Excerpts of the First Statutes annexed as Annexure No XXX</p>								
11.4	<p>Are there other strategies to review academic programmes besides the academic council? If yes, give details about what, when and how often are such reviews made?</p>	<p>Since the University was incorporated in August 2014 and the first enrolment to the programmes was made in 2015, the review process has been through the Academic Council. First batch from the University shall be passing out in 2017. However, continuous review through feedback from recruiters and external members on Board of Studies (BoS), Academic Council (AC), Departmental Research Committees (DRC) and other statutory bodies is a continuous process. Frequency of the same is as given in the table below:</p> <table border="1"> <thead> <tr> <th>Sl. No</th> <th>Academic Review</th> <th>Related Agenda</th> <th>Dates</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Recruiters</td> <td>Feedback</td> <td>Placements in an</td> </tr> </tbody> </table>	Sl. No	Academic Review	Related Agenda	Dates	1	Recruiters	Feedback	Placements in an
Sl. No	Academic Review	Related Agenda	Dates							
1	Recruiters	Feedback	Placements in an							

			<p>comments/ Observations by Companies after interview process.</p>	<p>Academic Year starts from the month of September and continues till next June/July. Feedback forms are given to company representatives. In many cases the interviewers refuse to give written feedback and the verbal feedback is documented. Identified gaps in skill set leads to redesigning of teaching methodology or putting in of short modules/ trainings for better achievement of outcome.</p>
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		2	Board of Studies	All new courses are approved by Board of Studies which have external members from academia, Industry and alumni	<p>BoS-CST 05.09.2016 & 13.04.2018</p> <p>BoS-ECE 27.09.2016, 24.03.2017 & 18.04.2018</p> <p>BoS-ME 15.10.2016, 18.03.2017 & 16.04.2018</p> <p>BoS-Physics 06.01.2016, 01.10.2016, 20.03.2017, 31.03.2017 & 04.05.2018</p> <p>BoS-Chemistry 21.05.2016, 01.10.2016, 31.03.2017 & 06.04.2018</p> <p>BoS-Maths 20.05.2016, 01.10.2016, 25.05.2017 & 17.04.2018</p>
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			<p>BoS-Mgmt 15.10.2016, 10.04.2017 & 19.01.2018</p> <p>BoS-Education 17.04.2017 & 10.04.2018</p> <p>BoS -Law 05.08.2017</p>
3	Depart mental Research Committ ees	Interaction with the external members in DRC provides insight into the emerging areas and the new courses that can be built around the same.	<p>DRC-CST 09.12.16, 03.05.17, 15.09.17 & Nov., '17</p> <p>DRC-ECE 02.07.16, 22.12.16, 29.12.16 & 24.03.17</p> <p>DRC-ME 02.03.17, 11.09.17 & 20.01.18</p> <p>DRC-CHEM 09.07.2016</p> <p>DRC-MGMT 15.10.16, 10.04.17 & 19.01.18</p>

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J. Research Profile:


Registrar
Manav Rachna University
43, Aravali Hills, Suraj Kund Road,
Faridabad-121001

12.1	<p>Faculty-wise and Department-wise information to be provided in respect of the following:</p> <ul style="list-style-type: none"> ➤ Student Teacher Ratio ➤ Class Rooms ➤ Teaching Labs ➤ Research Labs (Major Equipments) ➤ Research Scholars (M.Tech, Ph.D, Post Doctoral Scholars) ➤ Publications in last 3 years (year-wise list) ➤ No. of Books Published ➤ Patents ➤ Transfer of Technology ➤ Inter-departmental Research (inter-disciplinary) ➤ Consultancy ➤ Externally Funded Research Projects ➤ Educational Programmes arranged 	Details are provided in Annexure-XXXI
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K. Misc.:


Registrar
 Manav Rachna University
 43, Aravali Hills, Suraj Kund Road,
 Faridabad-121001

13 Details of Non-Teaching Staff:

13.1	Details of Non-Teaching Staff	Details are provided in Annexure-XXXII as per the format of Appendix-XVIII																																																											
13.2	Summary of the Non-Teaching Staff	<table border="1"> <thead> <tr> <th>Particulars</th> <th>Female</th> <th>Male</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Administrative Staff</td> <td>14</td> <td>15</td> <td>29</td> </tr> <tr> <td>Group A</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Group B</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Group C</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Group D</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Sub-Total</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Technical Staff</td> <td>02</td> <td>13</td> <td>15</td> </tr> <tr> <td>Group A</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Group B</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Group C</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Group D</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Sub-Total</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grand Total</td> <td>16</td> <td>28</td> <td>44</td> </tr> </tbody> </table>				Particulars	Female	Male	Total	Administrative Staff	14	15	29	Group A				Group B				Group C				Group D				Sub-Total				Technical Staff	02	13	15	Group A				Group B				Group C				Group D				Sub-Total				Grand Total	16	28	44
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13.3	No. of Non-Teaching Staff category wise	<table border="1"> <thead> <tr> <th>Category</th> <th>Female</th> <th>Male</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>SC</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ST</td> <td></td> <td></td> <td></td> </tr> <tr> <td>OBC</td> <td>1</td> <td>3</td> <td>4</td> </tr> <tr> <td>PH</td> <td></td> <td></td> <td></td> </tr> <tr> <td>GENERAL</td> <td>15</td> <td>25</td> <td>40</td> </tr> <tr> <td>TOTAL</td> <td>15</td> <td>28</td> <td>44</td> </tr> </tbody> </table>				Category	Female	Male	Total	SC				ST				OBC	1	3	4	PH				GENERAL	15	25	40	TOTAL	15	28	44																												
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13.4	Ratio of Non-Teaching Staff to Students	1:38																																																											
13.5	Ratio of Non-Teaching Staff to Faculty	1:3																																																											

14.1 Academic Results:

14.1

S.No.	Sem.	Faculty	Program	Sem	No. of Candidates Appeared	Result
1	Odd Sem 2015-2016	Faculty of Engineering	B.Tech CSE	I	108	89 Pass, 19 Fail/ Detained
			B.Tech ECE	I	8	7 Pass, 1 Fail/ Detained
			B.Tech ME	I	33	27 Pass, 6 Fail/ Detained
			M.Tech ME	I	3	3 Pass, 0 Fail/ Detained
		Faculty of Applied Sc.	B.Sc. Maths/Chemistry	I	10	8 Pass, 2 Fail/ Detained
		Faculty of Mgmt & Comm.	MBA	I	12	10 Pass, 2 Fail/ Detained
2	Even Sem 2015-2016	Faculty of Engineering	B.Tech CSE	II	103	65 Pass, 38 Fail/ Detained
			B.Tech ECE	II	8	5 Pass, 3 Fail/ Detained
			B.Tech ME	II	33	23 Pass, 10 Fail/ Detained
			M.Tech ME	II	3	2 Pass, 1 Fail/ Detained
		Faculty of Applied Sc.	B.Sc. Chemistry	II	5	3 Pass, 2 Fail/ Detained
			B.Sc. Maths	II	5	4 Pass, 1 Fail/ Detained
		Faculty of Mgmt & Comm.	MBA	II	12	9 Pass, 3 Fail/ Detained
		Faculty of Engineering	B.Tech CSE	III	103	73 Pass, 30 Fail/ Detained
			B.Tech CSE	I	207	142 Pass, 115 Fail/ Detained
			B.Tech ECE	III	12	8 Pass, 4 Fail/ Detained
	B.Tech ECE		I	22	19 Pass, 3 Fail/ Detained	
	B.Tech ME		III	32	20 Pass, 12 Fail/ Detained	
	B.Tech ME		I	50	30 Pass, 20 Fail/ Detained	
	M.Tech ME		III	2	1 Pass, 1 Fail/ Detained	
M.Tech CSE	I		4	4 Pass		

S.No.	Sem.	Faculty	Program	Sem	No. of	Result
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S.No.	Sem.	Faculty	Program	Sem	No. of	Result		
3	Odd Sem 2016- 2017	Faculty of Applied Sc.	B.Sc. Chemistry	III	5	5 Pass		
			B.Sc. Chemistry	I	19	10 Pass, 9 Fail/ Detained		
			B.Sc. Maths	III	5	4 Pass, 1 Fail/ Detained		
			B.Sc. Maths	I	7	4 Pass, 3 Fail/ Detained		
			B.Sc. Physics	I	5	2 Pass, 3 Fail/ Detained		
			M.Sc. Chemistry	I	15	15 Pass		
			M.Sc. Maths	I	1	1 Pass		
			M.Sc. Physics	I	3	3 Pass		
			Faculty of Mgmt & Comm.	MBA	III	11	11 Pass	
				MBA	i	4	4 Pass	
	BBA (FA)	I		36	14 Pass, 22 Fail/ Detained			
	BBA (EFB)	I		17	5 Pass, 12 Fail/ Detained			
	BBA (HCM)	I		13	5 Pass, 8 Fail/ Detained			
	4	Even Sem 2016- 2017		Faculty of Engineering	B.Tech CSE	IV	98	76 Pass, 22 Fail/ Detained
					B.Tech CSE	II	196	153 Pass, 43 Fail/ Detained
					B.Tech ECE	IV	12	8 Pass, 4 Fail/ Detained
					B.Tech ECE	II	22	15 Pass, 7 Fail/ Detained
					B.Tech ME	IV	32	23 Pass, 9 Fail/ Detained
			B.Tech ME		II	50	26 Pass, 24 Fail/ Detained	
			M.Tech ME		IV	2	2 Pass	
M.Tech CSE			II		4	4 Pass		
Faculty of Applied Sc.			B.Sc. Chemistry	IV	5	4 Pass, 1 Fail/ Detained		
			B.Sc. Chemistry	II	17	14 Pass, 3 Fail/ Detained		
	B.Sc. Maths	IV	5	3 Pass, 2 Fail/ Detained				
	B.Sc. Maths	II	8	8 Pass				
B.Sc. Physics	II	5	3 Pass, 2 Fail/ Detained					
M.Sc. Chemistry	II	15	14 Pass, 1 Fail/ Detained					
M.Sc. Maths	II	1	1 Pass					
M.Sc. Physics	II	3	3 Pass					

					Candidates Appeared		
4	Even Sem 2016- 2017	Faculty of Mgmt & Comm.	MBA	IV	11	11 Pass	
			MBA	II	4	4 Pass	
			BBA (FA)	II	36	11 Pass, 25 Fail/ Detained	
			BBA (EFB)	II	17	5 Pass, 12 Fail/ Detained	
			BBA (HCM)	II	13	6 Pass, 7 Fail/ Detained	
		Faculty of Engineering	B.Tech CSE	V	98	67 Pass, 31 Fail/ Detained	
			B.Tech CSE	III	197	146 Pass, 51 Fail/ Detained	
			B.Tech CSE	I	195	130 Pass, 65 Fail/ Detained	
			B.Tech ECE	V	12	8 Pass, 4 Fail/ Detained	
			B.Tech ECE	III	22	15 Pass, 7 Fail/ Detained	
	B.Tech ME		V	31	19 Pass, 12 Fail/ Detained		
	B.Tech ME		III	55	21 Pass, 34 Fail/ Detained		
	B.Tech ME		I	45	30 Pass, 15 Fail/ Detained		
	B.Tech. ME		I	4	2 Pass, 2 Fail/ Detained		
	M.Tech. CSE		III	4	4 Pass		
	M.Tech. ME	I	1	1 Pass			
	5	Odd Sem 2017- 2018	Faculty of Applied Sc.	B.Sc. Chemistry	V	5	4 Pass, 1 Fail/ Detained
				B.Sc. Chemistry	III	16	6 Pass, 10 Fail/ Detained
				B.Sc. Chemistry	I	28	21 Pass, 7 Fail/ Detained
				B.Sc. Maths	V	5	5 Pass
B.Sc. Maths				III	9	6 Pass, 3 Fail/ Detained	
B.Sc. Maths				I	18	14 Pass, 4 Fail/ Detained	
B.Sc. Physics				III	4	1 Pass, 3 Fail/ Detained	
B.Sc. Physics				I	9	5 Pass, 4 Fail/ Detained	
M.Sc. Chemistry				III	15	14 Pass, 1 Fail/ Detained	
M.Sc. Chemistry				I	23	23 Pass	

S.No.	Sem.	Faculty	Program	Sem	No. of Candidates Appeared	Result
5	Odd Sem 2017-2018		M.Sc. Maths	III	1	1 Pass
			M.Sc. Maths	I	10	9 Pass, 1 Fail/ Detained
			M.Sc. Physics	III	3	1 Pass, 2 Fail/ Detained
			M.Sc. Physics	I	4	4 Pass
		Faculty of Mgmt & Comm	BBA (FA)	III	34	8 Pass, 26 Fail/ Detained
			BBA (FA)	I	74	46 Pass, 28 Fail/ Detained
			BBA (EFB)	III	18	4 Pass, 14 Fail/ Detained
			BBA (EFB)	I	12	6 Pass, 6 Fail/ Detained
			BBA (HCM)	III	12	3 Pass, 9 Fail/ Detained
			BBA (HCM)	I	12	2 Pass, 10 Fail/ Detained
		Faculty of Law	MBA	III	4	4 Pass
			B.A. LLB (Hon.)	I	57	23 Pass, 34 Fail/ Detained
			BBA LLB (Hon.)	I	33	16 Pass, 17 Fail/ Detained
			B.Com.LLB (Hon.)	I	5	3 Pass, 2 Fail/ Detained
		Faculty of Education	B.Ed.	I	38	30 Pass, 8 Fail/ Detained
			B.A. B.Ed Integrated	I	13	10 Pass, 3 Fail/ Detained
			B.Sc. B.Ed Integrated	I	6	6 Pass


 Registrar
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 Faridabad-121001

15. Accreditation:

15.1	<p>Whether Accredited by NAAC? If Yes, please provide the following details:</p> <p>Date of Accreditation Period Grade CGPA Grading System Followed</p>	<p>MRU was established by State Government in August, 2014 and hence is not eligible for applying to NAAC for provisional or permanent accreditation. It has evolved from Manav Rachna College of Engineering which was accredited by NAAC in 'A' Grade, the details of which are given below:</p> <p>September 16, 2011 September 15, 2016 (5 years) 'A' Grade 3.10 on four point scale 'A' Grade</p>																
15.2	<p>Whether courses are accredited by NBA? If yes, please provide course-wise details as under:</p>	<p>MRU was established by State Government in August, 2014 and hence is not eligible for applying to NBA for permanent accreditation. It has evolved from Manav Rachna College of Engineering which had NBA accredited programmes as per details given below:</p> <table border="1"> <thead> <tr> <th>SL. No.</th> <th>Course</th> <th>Whether Accredited</th> <th>Period of Accreditation</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B.Tech CSE</td> <td>Provisionally Accredited</td> <td>2 Years (2013-15)</td> </tr> <tr> <td>2</td> <td>B.Tech ECE</td> <td>Provisionally Accredited</td> <td>2 Years (2013-15)</td> </tr> <tr> <td>3</td> <td>B.Tech ME</td> <td>Provisionally Accredited</td> <td>2 Years (2013-15)</td> </tr> </tbody> </table>	SL. No.	Course	Whether Accredited	Period of Accreditation	1	B.Tech CSE	Provisionally Accredited	2 Years (2013-15)	2	B.Tech ECE	Provisionally Accredited	2 Years (2013-15)	3	B.Tech ME	Provisionally Accredited	2 Years (2013-15)
SL. No.	Course	Whether Accredited	Period of Accreditation															
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2	B.Tech ECE	Provisionally Accredited	2 Years (2013-15)															
3	B.Tech ME	Provisionally Accredited	2 Years (2013-15)															
15.3	<p>Other Accreditations, if any</p>	<p>No</p>																

15.4	Any other Information (including special achievements by the University which may be referred for the University)	Detailed achievement placed in Annexure No. XXXIII
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16. Strength and Weaknesses of the University:

16.1	Strengths of the University	<ul style="list-style-type: none"> • A very relevant curriculum to impart most relevant technology, oriented professional education. • Teaching process culminating in high job potential and entrepreneurial ability. • Many value addition inputs transcending beyond syllabus. • Practicals, Projects, Summer Training provide cutting-edge training. • A strategic and easily approachable premier location. • High quality physical infrastructure and learning resources. • Highly experienced and qualified faculty • High brand equity for the University and its students because of track record. <p>While defining the characteristics of the world class universities, the Report of 'Committee to advise on the renovation and rejuvenation of higher education' (Yashpal Committee report 2009) talks about the coexistence of programs from diverse fields such as sciences, management, technology, humanities, medicine, agriculture, law etc. The report emphasizes that new knowledge and fields emerge due to triggering or osmosis from different fields in the University and criticizes the silos in which academic departments or programs work. While designing the framework of Manav Rachna University, a conscious effort has been made to allow students of a program, flexibility to choose courses from diverse disciplines. The Choice Based Credit System and the philosophy of programs with small core and</p>
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large elective basket provide a student opportunity to undertake courses from Faculty of Engineering, Faculty of Management & Humanities, Faculty of Applied Sciences, Faculty of Education and Faculty of Law.

Manav Rachna University is located in the Industrial hub of Faridabad in the State of Haryana. The programmes offered by the University are as per the Industrial Policy and the needs of the State of Haryana. A detailed study of Industrial profile of the state of Haryana reveals strength in:

1. IT Industry: State is one of the major exporter of software and one of the preferred destinations for IT/ITES facilities. Gurgaon is a major hub for Information Technology industry.
2. Manufacturing: The state has more than 1,347 big and medium industrial units and 80,000 small scale industrial units having foreign collaborations; for e.g. Maruti Udyog, Hero Honda, Escorts, Sony, Whirlpool, Bharti Telecom, Perfetti Van Melle, DCM Benetton, TDT Copper, Modi Alcatel, Carrier Aircon, etc. The State is a leading producer of automobiles and automotive components. The State leads in terms of manufacturing of original equipments and replacement items. Out of about 250 large and medium original equipment manufacturing units in the country, about 50 are located in Haryana.

Govt. of Haryana's Industrial and Investment policy 2011 lays a particular emphasis on strengthening the base of manufacturing sector besides knowledge bases and high tech industries; efficient use of energy; conservation of resources and pragmatic environmental policies for sustainable development.

Guided by the Global best practices and future requirements, Manav Rachna University programmes in technical, management, law, education and sciences areas have been designed to generate human resources which can fulfill the needs of the State of Haryana and nation and take leading position in global ventures. The programmes are aimed at developing technologically skilled, innovative and research

		<p>and development oriented engineers, physicists, chemists, mathematicians, Educators, lawyers and managers for the industrial growth of the State as well as of the nation on the whole.</p> <p>We have taken into account our studies of global and national education scenarios and the above mentioned profile and economic thrust of state of Haryana to develop the guiding principles for our programs and various courses. We understand that the Engineering processes and practices shall be greatly impacted by new emerging knowledge like green practices and process, renewable energy and economic development with sustainability. Managers of tomorrow have to make conscious and enlightened decisions promoting the green movement of goods and services. Our physicists, chemists, mathematicians and social scientists have to develop new ways of thinking and reasoning to provide impetus to the movement of nation towards future green society.</p> <p>Emphasis on application orientation through hands on/application/laboratory component in each course, compulsory research component, Entrepreneurial education and incubation facilities, compulsory foreign language are some of the key aspects of education at Manav Rachna University. The holistic development of students is supplemented through opportunities for social work, community radio station, existence of student chapters of national and international societies and excellent sports and extracurricular facilities.</p>
16.2	Weaknesses of the University	<p>Manav Rachna University has evolved from Manav Rachna College of Engineering (MRCE). As a NAAC accredited A Grade College, established in 2004, MRCE's major focus was on developing excellent teaching learning process and building employability skills of the graduates. The accreditations and placement records are testimonial to the strength of MRCE in the same area. As per the Life Cycle of Institutions of Higher Education, the initial stage of establishment of requisite infrastructure and teaching learning process is to be followed by development of new Knowledge. With a transformation to University the focus now is completely on Research, Development, Consultancy and Extension. Though the University has a head start in terms of well qualified faculty from premier institutes of the country we</p>

		need to strengthen our selves by establishing research labs, getting funding for projects from government agencies, reaching out to industries for providing solutions to their problems and collaborative R&D work. As MRCE, the institute incubated companies and has well qualified and National Entrepreneurship Network (NEN) certified faculty members. With transformation to University status we need to take up the entrepreneurial awareness and establishing start ups to the next level.
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Certificate:

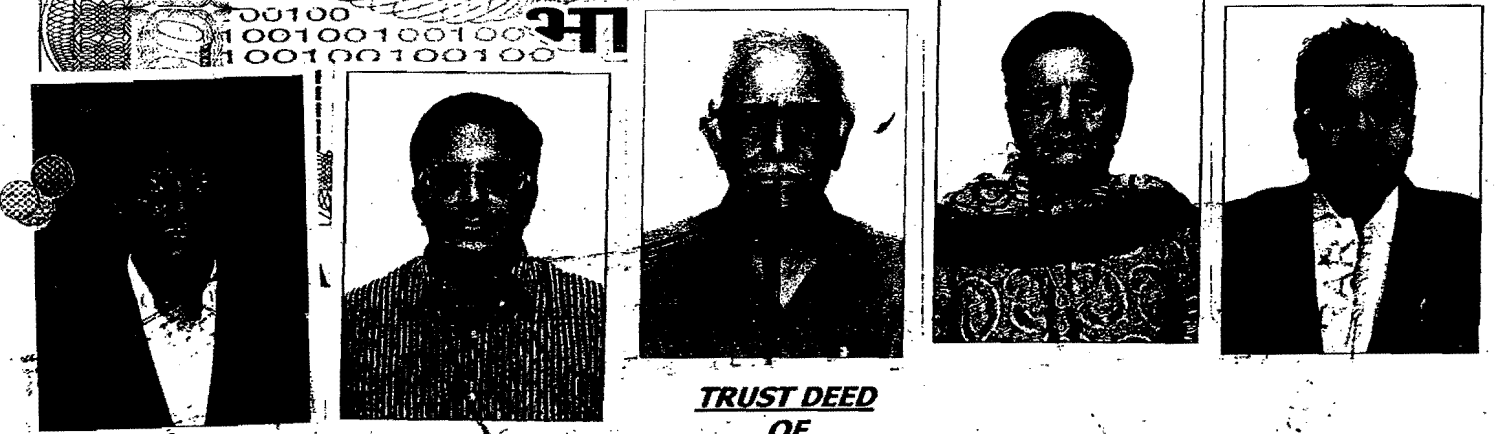
This is to certify that all the information provided above is true to the best of my knowledge and belief. The University will adhere to the rules, regulations and guidelines of the UGC, Central Government and relevant Statutory Council(s) and abide by all the provisions under the UGC regulation.

The above information is also posted on the Website of the University www.mru.edu.in

Signed and Sealed by the Head of the Institution:


Registrar
Manav Rachna University
43, Aravali Hills, Suraj Kund Road,
Faridabad-121001

10328



**TRUST DEED
OF
Uthan Educational Trust**

This deed of Trust is made at ^{FBO} ~~Delhi~~ on 25.02.2014 between Sh. Atul Kalra s/o Sh. I.C. Kalra, R/o H. No. F-1172, CR Park, New Delhi-110019, herein after called the SETTLER (which expression shall unless excluded by or repugnant to the context be deemed to include his successors, executors, administrators, representatives etc.).

WHEREAS The settler of the Trust is possessed of and otherwise well and sufficiently entitled to the sum of Rs. 11,000/- (Rupees Eleven thousand only) in cash.

WHEREAS The settler is desirous of establishing a trust for public charitable purpose under the name & style Uthan Educational Trust.

AND WHEREAS the following persons are appointed to be trustee for holding the trust property for the purpose detailed in this trust deed. Further the following persons have at the request of the settler agreed to act as the trustees and hereinafter jointly called the LIFE MEMBER TRUSTEES (which expression shall unless excluded by or repugnant to the context be deemed to include their successors in office)

1. Dr. Prashant Bhalla s/o Dr. O.P. Bhalla, R/o H. No. 1073, Sector-15, Faridabad, Haryana
2. Dr. M.M. Kathuria s/o Dr. Sukdev Kathuria, R/o H. No. 2197, Sector-9, Faridabad, Haryana
3. Mrs. Satya Bhalla w/o Dr. O.P. Bhalla, R/o H. No. 1073, Sector-15, Faridabad, Haryana
4. Dr. Amit Bhalla s/o Dr. O.P. Bhalla, R/o H. No. 1073, Sector-15, Faridabad, Haryana
5. Mr. Atul Kalra, s/o Sh. I.C. Kalra, R/o H. No. F-1172, C.R. Park, New Delhi

Handwritten signatures and initials are present at the bottom of the page, including a signature that appears to be 'Atul' and another that appears to be 'Prashant'.

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Uttam Educational Trust

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25/2/14

प्रलेख नः 16328

दिनांक 25/02/2014

डीड संबंधी विवरण

डीड का नाम TRUST
तहसील/सब-तहसील फरीदाबाद
गांव/शहर फरीदाबाद

धन संबंधी विवरण

रजिस्ट्रेशन फीस की राशि 50.00 रुपये
स्टाम्प ड्यूटी की राशि 100.00 रुपये
पेस्टिंग शुल्क 6.00 रुपये

Drafted By: Self

Service Charge: 100.00 रुपये

यह प्रलेख आज दिनांक 25/02/2014 दिन मंगलवार समय 11:48:00AM बजे श्री/श्रीमती/कुमारी Atul Kalra पुत्र/पुत्री/पत्नी श्री/श्रीमती/कुमारी I.C Kalra निवासी FBD द्वारा पंजीकरण हेतु प्रस्तुत किया गया।

हस्ताक्षर प्रस्तुतकर्ता

उप/सयुक्त पंजीयन अधिकारी
फरीदाबाद

श्री Atul Kalra

उपरोक्त न्यासकर्ता व श्री/श्रीमती/कुमारी न्यासी हाजिर है। प्रस्तुत प्रलेख के तथ्यों को दोनों पक्षों ने सुनकर तथा समझकर स्वीकार किया। दोनों पक्षों की पहचान श्री/श्रीमती/कुमारी H.B singh adv पुत्र/पुत्री/पत्नी श्री adv निवासी fbd व श्री/श्रीमती/कुमारी Shashii bhuasan पुत्र/पुत्री/पत्नी श्री/श्रीमती/कुमारी laxman dass निवासी FBD ने की। साक्षी नः 1 को हम नम्बरदार/अधिवक्ता के रूप में जानते हैं तथा वह साक्षी नः 2 की पहचान करता है।

दिनांक 25/02/2014

उप/सयुक्त पंजीयन अधिकारी
फरीदाबाद

- iv. To provide for high quality teaching and research and for the advancement of knowledge and its dissemination through various research programmes undertaken in-house by substantial number of full time faculty/ research scholars (PhDs and Post Doctoral) in diverse disciplines.
- v. To enable creation of institutions / State Universities / deemed to be university under the 'de novo' category devoted to unique and emerging areas of knowledge, not being pursued by conventional or existing institutions – particularly in specific areas of study and research preferably sponsored by the Government of a State / UT or the Central Government regarded as important for strategic needs of the country or for the preservation of our cultural heritage, so determined by a well laid-out process of wide consultation with the eminent peers of academic community.
- vi. To establish University under the laws of the land, institutions of higher learning offering innovative and job oriented courses with special emphasis on research and development in the fields of technical education, health sciences including medical/para medical/dental education, law, science and technology etc. at par with the best in India and abroad.
- vii. To provide for instruction and training in such branches of learning as it may deem fit.
- viii. To provide for research, innovation and for the advancement of and dissemination of knowledge through establishing campuses, print media, electronic media, digital media, internet media, radio etc.
- ix. To undertake extra moral studies, extension programmes and field outreach activities to contribute to the development of society.
- x. To establish, manage, control, supervise, run, lease out Training / Coaching Centres, Schools, Colleges etc. for imparting education in various disciplines, but primarily for Technical Education, Medical Education, Dental Education, Para-medical Colleges/ Diploma/undergraduate/ post graduate courses on various fields such as Ayurvedic, Homoeopathy, Naturopathy, Pharmacy, Nursing, Laboratory, Radio diagnosis, Occupational therapy, Dietician, Acupuncture /Acupressure therapy, Management courses and all other such disciplines and prescribed courses by the state govt. and central govt., public limited companies and foreign Universities/ Institutions from time to time to help the Industrial and economical developments of the country.
- xi. To establish, manage, control, supervise, run, lease out and grant in aid as cash or kind to other societies, trusts, firms etc. including Medical, Dental, Technical, Ayurvedic, Naturopathy, Homoeopathy, Pharmacy and all other such colleges and hospitals and specialized studies and research Institutions to provide standard and high class education for MBBS, MD, BDS, MDS, MBA, MCA, BE / B.Tech. M.E / M.Tech, B.Pharma/ M.Pharma, Computer courses, various Medical and Technical Diploma Courses, Under Graduate, Post Graduate &

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NOW THIS DEED OF TRUST WITNESSES AS FOLLOWS:

1. INITIAL CONTRIBUTION BY THE SETTLER

In order to effectuate the said desire, the settler has made over to the Life Member Trustees a sum of Rs. 11,000/- (Rupees Eleven thousand only) in cash for the objects and purposes hereinafter contained concerning the same.

2. NAME OF THE TRUST

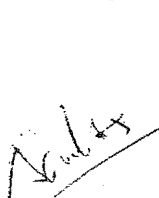

The name of the Trust shall be **Uthan Educational Trust**.


3. REGISTERED OFFICE OF THE TRUST

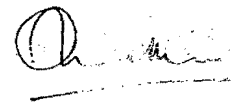
The Registered Office of the Trust shall be situated at 5-E-1A, BP, NIT Faridabad, Haryana-121001, unless changed by the Life Member Trustees.

4. AIMS & OBJECTIVES OF THE TRUST

- i. To establish University(ies) in Haryana under the Haryana Private Universities Act 2006 with the following objects:-
 - (a) To provide instructions, teaching and training in higher education and make provisions for research, advancement and dissemination of knowledge;
 - (b) To create higher levels of intellectual abilities;
 - (c) To establish state of the art facilities for education and training;
 - (d) To carry out teaching and research and offer continuing education programmes;
 - (e) To create centres of excellence for research and development and for sharing knowledge and its application;
 - (f) To establish a campus
 - (g) To institute degrees, diplomas, certificates and other academic distinctions on the basis of examination, or any such other method;
 - (h) To maintain the academic standard of degrees, diplomas, certificates and other academic distinctions as per byelaws and to ensure that the same are not lower than those laid down by the regulating body;
 - (i) To pursue any other objective as may be approved by the Government
- ii. To provide for higher education leading to excellence and innovations in such branches of knowledge as may be deemed fit primarily at Graduate, Post-Graduate and Research Degree levels fully conforming to the concept of university, namely, the Haryana Private Universities Act 2006, University Education Report (1948) and the Report of the Committee on Renovation and Rejuvenation of Higher Education in India (2009) and the Report of the Review Committee for Deemed to be Universities (2009).
- iii. To engage in areas of specialization with proven ability to make distinctive contributions to the objectives of the university education system that is academic engagement clearly distinguishable from programmes of an ordinary nature that lead to conventional degrees in arts, science, engineering, medicine, dental, pharmacy, management, etc. routinely offered by conventional institutions.



Doctorate Courses etc. and all related courses to the students according to the rules and regulations of State /Central Govt.

- xii. To provide all type of consultancy services to professional colleges such as Engg Colleges, Medical Colleges, Dental Colleges, Pharmacy Colleges, Management Colleges etc for accreditations with the top accrediting bodies in India like NBA, NAAC etc and abroad, obtaining quality certifications such as ISO 9000/ ISO 14000 series etc from agencies in India and abroad through eminent professionals / educationists / technologists for reputed educational Institutions such as IITs, IIMs, IIS, other reputed professional institutes etc.
- xiii. To provide accreditation services to technical & professional institutions, colleges, schools etc.
- xiv. To provide consultancy services for conducting quality & financial checking and examination of authorized technical & professional institutions, colleges, schools etc. and give reports to all concerned agencies.
- xv. To provide consultancy services to professional colleges such as Engg Colleges, Medical Colleges, Dental Colleges, Pharmacy Colleges, Management Colleges etc for bringing excellence in education through education reforms by improving teaching learning processes/ industry academia interface, staff development etc and creating / improving environment for establishment of strong work culture aiming at all-round development of pupils, teachers, support staff etc
- xvi. To establish, manage, control, superintendent, run lease out 100 bedded or more Allopathic Hospitals, Ayurvedic cum Naturopathy hospitals and having health promotion facilities like Health Club, Nature Cure facilities, Yoga and Medication facilities, Entertainment facilities, Hostel and Guest house facilities, community centre /religious centre facilities for general public with all modern and advance treatment techniques alongwith provision of sub-letting/collaboration/lease out these hospital/facilities to other societies/ companies/trust(s) etc. having same aim and objects on mutually agreed terms and conditions.
- xvii. To formulate and implement plans, schemes and programmes in relation to science, literature, fine arts, commerce, medical line, Para medical line for urban/rural development and execute the same for the welfare of the urban/rural community specially to provide and create jobs or employment opportunities for the poor, handicapped and females etc.
- xviii. To establish, provide, maintain and conduct or otherwise subsidies research centres or laboratories and experimental workshops for scientific and technical researches and experiments and to undertake and carry on all scientific, medical and technical researches, experiments and tests and to promote, subsidize or pay for studies and research, both scientific and technical investigation and inventions by providing subsidizing, endowing or assisting

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laboratories, workshops, libraries, lectures, meetings and conferences in India and abroad and by providing the remuneration of scientific, medical and technical professors, teachers, Directors etc. and by establishing under writing or providing for scholarships, prizes, grants and subsidies to students or otherwise and to encourage promote and reward studies researches, investigations, experiments tests and investigation of any kind that may be considered likely to assist the functioning of the Society / Trust / University.

- xix. To establish, acquire, maintain, manage and run schools day boarding/residential boarding upto class XII std., education centres, nature cure clinics, sanitariums, maternity homes, child welfare centres, hostels, residential accommodation for staff and members, old persons and such other charitable institutions for the benefit and use of urban/rural population.
- xx. To work for the development of harmonious relations between all citizens irrespective of caste, creed, sex or religion.
- xxi. To develop and conduct training programmes/ seminars / workshops/ conferences/ symposia etc on various aspects of technical education, social education, medical education, management education and other sciences, arts and commerce education.
- xxii. To establish, run, maintain and conduct recognized Technical, Medical, Dental, Para-medical Colleges/Courses on various fields such as Ayurvedic, Homeopathic, Naturopathy, Pharmacy, Nursing, Laboratory, Radio diagnosis, Occupational therapy, Dietician, Beautician, Acupuncture/Acupressure therapy, Engg and Technology, Applied Arts, Computer Applications, Management courses etc. for self employment.
- xxiii. To establish, run, maintain and grant aids to health clubs, sport centres, institutes/ association etc, and undertake health promotion activities like nature cure facilities, hostels, guest house/ community centres facilities for general public.
- xxiv. To establish and maintain Institutions for the help of handicapped, blind, old people, poor patients in the form of aids, medicines, food and nutrition, artificial limbs, investigation facilities, vocational training facilities, health education facilities, house hold industries facilities and resettlement facilities.
- xxv. To organize and run charitable services/ community services for needy people of society in the form of entertainment, cultural and health care camps like family planning, child health check up, eyes, ENT, Heart and Sugar check up, Blood donation, old age patients check up etc.
- xxvi. To promote and conduct research and development work on Herbal, Yunany, Ayurvedic, Homeopathic, Allopathic and other allied sciences / medicaments and to invite other research Institutions/ schools to work in the fields of science, medical and technical for the benefit of all segments of society particularly poor and

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underprivileged. This will be done by organizing technical courses conferences and publication of books, periodicals newspapers, magazines and other literatures.

- xxvii. To publish books, journals, magazines, periodicals and newspapers and journals in different languages for the promotion and propagation of aims and objectives of Trust.
- xxviii. To establish, form and maintain libraries and collection centres for collection of literatures, statistics and scientific data and other information related to medical and technical etc to facilitate the research work.
- xxix. To award prizes/medals/certificates in the fields of education / sports/ social welfare/ science/ engineering/ management/ medical / art and cultures to deserving persons and other societies /Trusts / organizations.
- xxx. To retain and /or employ skilled, professional/medical research scholars or medical advisers and other staffs and workers in connection with the aims and objectives of the Trust and to pay thereof such fees or remuneration as may be thought expedient.
- xxxi. To promote, maintain, protect and improve environment by creating and managing, agricultural fields, farmhouses, parks, water pools etc.
- xxxii. To give audio visual education relating to AIDS/STD/drug addiction to general public and to start open, run, manage, specific study courses/ research work in the fields of AIDS/Sex education to control and train man power to fight against AIDS/Drug addiction in the society.
- xxxiii. To do and perform all such acts as are incidental or conducive or necessary to the achievements and attainment of the aims and objectives of Trust/University and allied social activities and services stated here to or any of them for betterment of human race.
- xxxiv. To acquire land, building, equipment, maintain, run or lease out the necessary infrastructure to achieve the above aims and objectives of the Trust.
- xxxv. To acquire land by purchase, on lease or on rent/hire and other movable or immovable properties from state govt. /central govt. / private person/ private limited companies or built-up properties of any kinds for the use of opening of Medical / Dental / Technical Education Centres / Hospital / Institutions/ Entertainment Centres of the Trust and to construct buildings and equip with plant and machinery thereon for these aims and objectives.
- xxxvi. To provide charitable / Hospital beds (free beds)/ OPD/ Diagnostic services for needy peoples in the Medical / Dental hospitals in case the Trust gets land for these institutions from govt. deptt. / other sources on concessional rates and on priorities or Trust gets the government permission from the concerned state department to convert the land use of private / agricultural land acquired by the Trust for the above said objects / purposes as per terms and conditions mutually agreed.

S. S. S.

A. S. S.

K. S. S.

S. S. S.

R. S. S.

- xxxvii. To apply for and to raise Trust corpus funds/incomes for fulfillment of its aims and objectives, and to accept subscriptions, admission/tuition/other fees, contributions, grants, gifts, aids, donations and loans/OD facilities in cash and/or kind from individuals/patients/students, corporate houses/companies/firms, Banks/Financial institution, registered societies/trusts/ foundations, NRIs, Foreign Trusts/Financial institutions, State/central Government and from any other bodies, National and International for the capital expenses as well as to create funds to meet recurring and incidental expenses concerning the aims and objectives of the Trust.
- xxxviii. To manage/mortgage/pledge/hypothecate/charge/sell/transfer/let out by way of lease license or on rent or otherwise dispose off or deal with whole or part of the assets/properties of any kind both movable and immovable belonging to the Trust to fulfill the aims and objectives of Trust.
- xxxix. To enter into agreements with any other trusts/societies, foundations/ Ltd. Companies / firms / NRIs / State / Central Governments or Semi Govt. Departments/Banks or Financial institutions or any other party having legal entity or any individual(s) for the purposes to fulfill the aims and objectives of the Trust as per terms and conditions mutually agreed.
- xl. To donate or contribute corpus funds or give loans in the form of cash/movable/immovable properties for the attainment of similar objects to any other person(s), individual(s), trusts, societies, associations of body corporates engaged in similar or allied aims and objectives of the Trust.
- xli. To co-opt members from Apex bodies in the field of education such as UGC, MCI, DCI, AICTE, PCI, COA, Govt. of India etc/ reputed Educational Institutions/ State Universities/ Deemed Universities in India and abroad / World Bank/W.H.O./Chromwell Hospitals/ Red Cross Society / State Govt. wherever required, and have consultants and their services and guidance, free or paid, on matters related to fulfillment of aims and objectives of Trust.
- xlii. To conduct any other such activities in consonance with aims and objectives / goals of the Trust.
- xliii. There is no profit motive to achieve the above aims and objectives of the Trust. All fees / receipts from various activities undertaken in the Trust or its constituents shall be used for achieving the aims and objectives of the Trust.
- xliv. To establish and run Open and Distance Learning Centres, E-Learning etc. Centres in different parts of the Country and abroad

5. **NUMBER, TYPE, TERM AND NOMINATION / APPOINTMENT OF TRUSTEES**

The Trustees appointed under this deed at the time of formation of the Trust shall be for life and termed as Life Member Trustees. The Life

A. N. B. T. / A. N. B. T. / [Signature] / [Signature] / [Signature]

Member Trustees shall have power to nominate / appoint other Trustees, for life or for a limited period. Only Life Member Trustees shall have the voting rights in the meeting of the Trust. Member Trustees shall be appointed by the Life Member Trustees through majority vote for specific purpose(s) and term as specified. In no case, the number of Life Member Trustees and Member Trustees shall exceed Eleven.

Life Member Trustee(s) may seek retirement citing specific reasons and may be allowed by the majority of Life Member Trustee(s) to retire. In such case, Life Member Trustee(s) shall have the right to nominate any other person, meeting the minimum eligibility criteria laid down in the Indian Trust Act, 1882, as Trustee, who for all practical purposes shall be treated as Life Member Trustee. Similarly, if any vacancy in the Life Member Trustee happens due to the death of the Life Member Trustee, a nominee appointed by the Life Member Trustee in advance shall be appointed as Trustee in his / her place, who will be treated as Life Member Trustee for all practical purposes. However, if nominee of such Life Member Trustee is also not alive or unfit to become Trustee, anyone of the natural heir of such Life Member Trustee may be appointed as Trustee in place of Life Member Trustee, provided that all natural heirs unanimously agree for appointment of the specific natural heir to be appointed as Life Member Trustee.

Further provided that if a Life Member Trustee(s) want(s) to retire and / or do(es) want to appoint any nominee in his / her place, Board of Trustees may allow his / her to do so, with the approval of minimum 3/4th majority. In such case, Life Trustees shall be empowered to fill the remaining vacancies and all such Trustee(s) so appointed shall be treated as Life Member Trustee(s).

6. FORMATION AND POWER AND FUNCTIONS OF THE TRUST

- The Trust will come in to existence with the registration of this deed with the competent authority and consist of Life Member Trustees as voting members. The Trust shall have following powers and may perform following functions to fulfill its aims & objectives:-
- a) All property of the Trust Movable or Immovable or of any other kind, shall vest in trust, the trustees shall manage the whole property and affairs of the trust and shall have all powers, duties and functions necessary proper and incidental to the promotion and carrying out of the objects of the trust.
 - (b) In particular and without prejudice to the generality of the foregoing, the trustees shall for the purposes of this trust have the following powers, duties and functions:
 - (i) To acquire by Gift, Grant, Purchase, Exchange, Lease, or otherwise, lands, buildings, or other immovable properties and also any Movable Property.

[Handwritten signatures and initials at the bottom of the page]

- (ii) To construct and maintain buildings, to alter, to demolish or improve them and equip them suitably.
- (iii) To accept gifts, donations, endowment and contributions for the Trust and shall be treated as the income of the Trust.
- (iv) (a) To raise loans, to receive monies, securities or other movable property on behalf of the Trust.
(b) To accept any trust, trust fund or endowment so long as the provisions of such Trust or endowment are in consonance with the objects of this Trust.
- (v) To award scholarship and make donations calculated to promote the objects of the Trust.
- (vi) (a) To enter into contracts, or engagements on behalf of the Trust.
- (vii) To make, sign and execute all such documents instruments, as may be necessary or proper for carrying on the management of the properties and affairs of the Trust.
- (viii) To invest such monies and such funds of the trust and to vary the investment as and when it may deem necessary or proper provided that such investments shall be made only upon immovable properties or upon securities as the board of trustee may deem fit, under section 20 of the Indian Trust Act, 1882.
- (ix) To sell, transfer or otherwise dispose of any movable, immovable property of the trust provided all the trustees unanimously resolve that it is in the interest of the trust to do so to sell or lease, mortgage or otherwise dispose of any movable and immovable properties of the Trust.
- (x) To appoint Committee / Committees of management for such terms and with such powers as may be specified from time to time, for carrying on the routine management of the affairs of the Trust.
- (xi) To appoint such employees on such terms and conditions as the Trustees may deem fit for carrying out the work of the trust and exercise control on all such employees including the power of suspension, dismissal and removal.
- (xii) To delegate to the Life Member Trustee or any appointed committee such powers, duties and functions as are vested in the Board of Trustees.
- (xiii) To frame Bye-Laws and such other regulations as are required for achieving its objectives.
- (xiv) Out of the income of the trust property, the trustee shall be entitled to spend or incur the following expenses namely-
 - (a) All rates, taxes, cess, assessments, dues and duties if any payable to the government or other public bodies in respect thereof or any part thereof of the Trust or its Institutions or its bodies.
 - (b) The premium for the insurance of the buildings or any other insurable property movable or immovable for the time being forming part of the trust property.
 - (c) The costs of repairs and for providing any amenities to the buildings for the time being forming part of the trust property.
 - (d) The cost of making such additions/alterations or improvements to or in the buildings forming part of the trust property, as the trustees shall think fit.

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- (e) Wages and salaries of any manager, supervisor, accountant, clerk, servant or other employees employed by the trustees in the carrying out of the activities of this trust.
- (f) Cost and expenses of keeping the trust property in good condition.
- (g) Cost and expenses for installing and renovating the electrical and other installations in the building for the time being forming part of the trust property.
- (h) the architect's fee and legal charges and fee payable to other professionals for the purposes of the Trust activities / properties.
- (i) All other costs, charges and expenses of and incidental to the management and administration of the trust and its property in accordance with the objects and purposes hereof or which may be incidental thereto.

After deducting the costs charges and expenses incurred by the trustee's as aforesaid out of the total gross income received by them from the trust property the balance that is the net income will be utilized for the objects of the trust as decided by the board of trustees.

7. MANAGEMENT OF THE TRUST

All activities and functions of the trust shall be managed by the Board of Trustees consisting of Life Members having voting rights and other Trustees not having voting rights.

8. FORMATION, TERM AND POWER AND FUNCTIONS OF BOARD OF TRUSTEES

a) The affairs of the Trust shall be managed by the Board of Trustees consisting of the following:-

- (i) Dr. Prashant Bhalla- Chairman
- (ii) Mr. Atul Kalra- Secretary
- (iii) Dr. Amit Bhalla- Treasurer
- (iv) Mrs. Satya Bhalla-Member
- (v) Dr. M.M. Kathuria-Member
- (vi) All such Life Trustees and Other Trustees who are subsequently appointed as per the relevant provisions in this Trust Deed.

b) POWER AND FUNCTIONS OF BOARD OF TRUSTEES

Board of Trustees shall have powers as mentioned in Clause 6 of the Trust Deed and in addition shall also have the following powers:-

- (i) To appoint Chairman / Secretary / Treasurer, as the case may be, from amongst the Life Trustees through a simple majority vote as and when such post is rendered vacant due to whatsoever reason.

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- (ii) To appoint other Life Trustees or Ordinary Trustees as per provisions made in Clause 6 of the Trust Deed as above.
- (iii) To appoint Chancellor of University(ies) run by the Trust as per norms laid down by the Regulatory Bodies or under the Laws of the land including Haryana Private Universities Act 2006 etc. for such period as provided in the norms / regulations.
- (iv) To take, receive and accept any donations, gifts, subscription or contributions in any kind or form and whether of movable or immovable properties from any person or body towards furtherance and /or fulfillment of all or any of the object of the trust for the purposes of the Trust provided that if any donor or contributor limits his/her contribution, donation or subscription to attainment of a particular object of the Trust, such contribution, donation or subscription shall be utilized only towards the promotion of objects of trust so specified by the donor.
- (v) The Board of Trustees shall have the power to utilize the income of the Trust Fund for all or any of the objects and purposes of the Trust.
- (vi) The Board Trustees would keep trust fund invested in deposits in Nationalized Banks / Scheduled Banks / Government Bonds, or in such other securities as are approved by Income Tax Act or rules framed there under.
- (vii) Board of Trustees shall do all or any of the acts or things as are incidental or conducive to the attainment of any of the objects of the Trust.
- (viii) Board of Trustees shall not take any decision or do any act contrary to the objectives of the Trust.
- (ix) Board of Trustees shall maintain accounts and records through its staff and incur expenditure for such maintenance. The account of the Trust shall be audited by a Chartered Accountant or a Firm of Chartered Accountants as appointed by the Board of Trustees.
- (x) The initial corpus of the Trust Fund and all accretions thereto shall under no circumstances be disbursed or spent. Only income of Trust fund kept invested in the manner as aforesaid will be utilized and spent to achieve and sub-serve the objects of the Trust.
- (xi) Upon termination of trusteeship as mentioned above, the trustees shall cease to hold office and deemed to have resigned and shall hand over charge to incoming trustees.
- (xii) To co-opt and appoint Trustee, to fill up casual vacancy in terms of clause 5 hereof for the remaining tenure of the Trustee who has ceased to function.
- (xiii) Without prejudice to the generality of their powers the Trustees shall have power and authority to do and exercise the following acts, deeds and things as they deem fit.

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- (xiv) To demand, sue for and recover all money payable to and receivable by the Trust under and by virtue of these presents and to give effectual receipts and discharges for the same;
- (xv) To prosecute, defend and compromise all actions and proceedings touching the affairs of the said trust, sues and intents and to do and perform all acts and things in connection therewith;
- (xvi) To sign, endorse and negotiate all cheques and pay orders as shall relate to their duties and obligations under these presents and to operate fully and effectually the bank Accounts of the aforesaid Trust;
- (xvii) To sign, seal, execute and register all deeds, instruments and writings as shall be deemed necessary and expedient in the execution and discharge of the said Trust, uses and intents and to pay all expenses to be incurred in connection therewith.
- (xviii) The Board of Trustees shall have power from time to time to frame rules and regulations as they may think fit and proper for the administration and carrying into effect the provisions of this trust and to provide for the management of the Trust Fund and also from time to time alter or evoke any such rules and regulations or to repeal any of them and substitute others in their place.

The Board of Trustees will have following additional powers:

- a. The Board of Trustees shall have the absolute control and superintendence over and the full management and administration of the Trust Fund and of the property and funds belonging thereto from time to time and of all affairs relating to the same as in the opinion of the Trustees may be conducive to or would promote the general objects and purpose of these presents and to do all other acts and things which may be deemed necessary, proper or desirable for the promotion of all or any of the purposes and objects for which the Trust Fund is dedicated.
- b. The Board of Trustees may from time to time frame rules and/or regulations for the conduct and management of the Trust Fund and its business including the summoning of meetings, provisions for payment of travelling allowance to the Trustees and also regarding the qualifications required to be possessed by a person who applies for help from the Trust, the conditions, if any on which the moneys may be paid and repaid and such

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other matters relating to the Trust as they may think necessary.

- c. The Board of Trustees shall be entitled to pay, discharge all the costs and expenses for administration of the trust including Income Tax, wealth tax or other taxes levied upon the said Trust including all outgoings and municipal or other rates and taxes, duties, cost of repairs to any immovable property, if any, forming part of the Trust Fund.
- d. It is declared that the Board of Trustees shall stand possessed of the Trust Fund upon Trust either to retain the same in the form of moneys, investments, securities and properties for the time being of the trust Fund or at any time or times and from time to time at their discretion to apply sell or realize and vary the said moneys, investments, securities and properties.
- e. The Board of Trustees may from time to time open in the name of the Trust one or more Bank Accounts with such scheduled Bank or Banks as they shall from time to time decide. Any two of the Permanent Trustees may jointly be authorized to operate such Bank Accounts by the Board of Trustees by a necessary resolution passed in this regard. The Permanent Trustees shall have power to operate such account or accounts, to draw, endorse, issue, sign, negotiate, discount, cheques and pay orders, drafts, securities, debentures and other negotiable instrument and to pay or cause to be paid to or withdraw from such accounts and open others. Provided however that if any amount relating to the Corpus Fund is withdrawn from any Bank Account or any investment then such amount shall be reinvested in accordance with clauses mentioned above so as not to diminish in any manner whatsoever the total amount standing to the credit of the Trust's corpus.
- f. The Board of Trustees shall have full power to file suits, make applications or take out any proceedings in respect of the Trust for the preservation or in the interest of the Trust or to defend or reply to or appear in any suit applications or proceedings filed, made or taken against the Trust or to compromise or refer to arbitration such suit, application or proceedings in or any claim or account whatsoever or any matter in which the interest,

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of the trust Fund and its funds may be concerned or wherein the Trustees as such may be parties and the Trustees shall be reimbursed for all costs and expenses incurred by them in connection therewith.

- g. The Board of Trustees shall be entitled to appoint any attorney or advocate entrusting them with conduct of such suits applications and for instituting or defending any legal proceedings.
- h. The Board of Trustees shall have the power to appoint, engage and remove persons connected with the affairs and activities of the Trust or for collection and management of the income thereof and to pay them such salaries and emoluments as the Trustees may think fit and proper.
- i. The Board of Trustees may deposit any deeds , securities or instruments held by them as such Trustees with any bankers or safe deposit vaults for safe custody and may pay out of the income of the Trust Fund any sums payable for such custody.
- j. The Board of Trustees shall have full power to reimburse themselves from out of the income of the Trust Fund all costs, charges and expenses and demands which they shall or may reasonably have to incur, bear or sustain by reason of or on account of their acceptance and functioning as Trustees of the Trusts herein before declared.
- k. And generally to do any other acts or act not mentioned above that may be necessary in the discharge of their duties and execution of the powers vested in the Board of Trustees.

9. POWER AND FUNCTIONS OF THE CHAIRMAN

The Chairman shall have the following powers, duties and functions:-

- (i) To preside over the meeting of the Board of Trustees and see that the meeting is conducted properly.
- (ii) To supervise and guide the overall activities of the Trust and to ensure fulfillment of its aims and objectives.
- (iii) To be responsible for the smooth working of the Trust / Board of Trustees.
- (iv) To admit/ discharge members to the Trust on the approval of Board of Trustees.

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- (v) To perform all such duties and functions as specifically entrusted / delegated by the Board of Trustees / Trust.

10. POWER AND FUNCTIONS OF THE SECRETARY

- (i) To call meetings of the Trust / Board of Trustees with the consent of the Chairman.
- (ii) To maintain a list of all members of the Trust.
- (iii) To prepare and circulate agenda notes with the approval of the Chairman for the meetings of Trust / Board of Trustees and to keep the minutes of such meetings.
- (iv) To preserve the records of the Trust / Board of Trustees.
- (v) To perform any other duty and or function as specifically entrusted by the Chairman / Board of Trustees.

11. POWER AND FUNCTIONS OF THE TREASURER

- (i) To keep accounts of all financial transactions of the Trust and of all the sum of monies received and spent by the Trust; maintain records of receipts and expenses related to such matters and of assets, credits and liabilities. Provided that the accounts shall be kept separately for all foreign / government donations / grants / aids/ contribution, if any.
- (ii) To get the accounts audited by a Chartered Accountant or a firm of Chartered Accountants appointed by the Board of Trustees at the close of the financial year as per law of the land, every year.
- (iii) To present the annual accounts including balance sheet, income & expenditure account, receipts & payments etc. to the Trust / Board of Trustees for approval / directions.
- (iv) To perform any other duty and or function as specifically entrusted by the Chairman / Board of Trustees.

12. THE PROCESS OF DECISION MAKING

The decisions of the Trust / Board of Trustees shall be made in the respective meeting of the Board of Trustees through simple majority vote for such action or decision:-

- i. The sale, transfer, lease or other disposition of all or substantially all of Trust's assets.
- ii. Any amendment in the Trust Deed. However, no amendments to the Trust Deed shall be made which may prove to be repugnant to the provisions of Section 2 (15), 11, 12 and 13 and 80G of the Income Tax Act 1961 as amended from time to time.
- iii. Decision relating to Future Funding.

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- iv. Decision relating to appointment and payment of remuneration to Key Persons.
- v. Change of location of the premises of the Trust.
- vi. Material changes in the organizational structure of the Trust or School(s) / institution(s) operated by the Trust.
- vii. The placing of any encumbrances including, but not limited to, any mortgage, pledge, charge, or other security interest on any of the assets of the Trust.
- viii. Raising of loans, issuing debt securities, committing guarantees, granting security interests in the assets of the Trust, or pledging the securities of the Trust.
- ix. Entering into any new agreement or amending or terminating an existing agreement to which any Trustee is a party, if such agreement or amendment could reasonably have a significant impact on the business of the Trust taken as a whole or such Trustee individually (such as strategic alliances, or the licensing or sale of intellectual property rights, or a restriction which limits the geographical territory in which any Trustee is permitted to conduct its business and/or the type of business that any Trustee is permitted to conduct)
- x. Choosing an independent public accounting firm to audit the books and records of the Trust
- xi. Opening of a bank account in the name of Trust, or for carrying on any operations of the Trust
- xii. The initiation, prosecution or settlement of any legal action or claim by the Trust
- xiii. Giving any guarantee, indemnity, or security in respect of the obligations of Trust or any third parties
- xiv. Delegation of authority or any of the powers of the Board relating to any matter contained in this Section
- xv. Filling of any vacancy among the Members of the Board of Trustees

13. MEETINGS OF THE BOARD OF TRUSTEES

The Board of Trustees shall ordinarily meet at least **once in Six months**; provided that the Chairman may, where he / she may think appropriate, call an emergent meeting. A notice of at least seven days shall be required for calling the meeting of Board of Trustees, however, in case of an emergent meeting, a notice of minimum three days will be sufficient. The quorum of the meeting of the Board of Trustees shall be minimum three.

14. TERMINATION OF THE OFFICE OF THE TRUSTEES

Trustees shall cease to hold the office in the following eventuality

(ies):-

- (i) If he/she dies or resigns from the office.

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- (ii) If he/she is adjudged insolvent or found guilty of an offence involving moral turpitude by the Court(s) / Law of the land or found unsound mind.
- (iii) If he/she is found to have acted against the interest of the Trust by the Board of Trustees / Trust.
- (iv) If it is unanimously decided by the Trust / Board of Trustees in their meeting that the continuation of the Trustee in the office is against the interest of the Trust.
- (v) If the term of appointment of the Trustee as specified by the Chairman / Board of Trustees / Trust, as the case may be, has expired.
- (vi) If the Trust is dissolved lawfully as per provision given hereunder.

15. THE MANNER FOR THE INVESTMENT OF THE FUNDS, KEEPING OF ACCOUNTS AND FOR AN ANNUAL OR PERIODICAL AUDIT OF ACCOUNTS.

(A) ASSETS AND FUNDS

- (i) All funds of the Trust shall be kept in nationalized / Scheduled/ approved banks / financial institutions as approved by the Board of Trustees from time to time and shall be jointly operated by minimum two members of the Board of Trustees as appointed by the Board of Trustees from time to time provided that Chairman must be one of the panelist.
- (ii) All assets and funds will belong to the Trust and remain vested with the Board of Trustees and not to any individual or office bearers.
- (iii) All procurements and sales pertaining to the Trust shall be as per direction of the Board of Trustees.

(B) ACCOUNTS OF THE TRUST

- (i) Financial year of the Trust shall be from 1st April to 31st March of the succeeding year or as approved by the Board of Trustees from time to time.
- (ii) The funds of the Trust shall be utilized solely for the purpose of the Trust.
- (iii) The accounts of the Trust shall be maintained in the name of the Trust or its constituent bodies and institutions and not in the name of any other Trust, whether financing or sponsoring the Trust or not. The accounts of the Trust shall be kept in such forms as may be laid down by the Board of Trustees and shall conform to the rules.
- (iv) The accounts of income and expenditure as also the annual financial statement and annual accounts shall be audited by a Chartered Accountant or a firm of Chartered Accountants to be appointed by the Board of Trustees.

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16. THE MANNER OF DISSOLUTION OF THE TRUST AND SUCH OTHER MATTER AS MAY BE THOUGHT EXPEDIENT, HAVING REGARD TO THE NATURE AND OBJECTS OF THE TRUST

The Trust may be dissolved, in case the need arises. All the immovable or movable properties of the Trust, if any, after settlement of all liabilities shall be transferred to another registered Trust / Society / Association / Institution pursuing similar aims and activities as decided by the Board of Trustees / Trust and shall not be distributed among the members of the Trust.

17. RECORDS TO BE KEPT BY THE TRUST

Records like membership register, proceedings of the meetings of Trust / Board of Trustees, cash book, stock register, ledgers etc. shall be maintained by the duly authorized persons.

18. DEFECTS OF PROCEDURE IMMATERIAL

No act of the Trustees shall be invalidated by reason of any vacancy in the Board of Trustees or any irregularity in the conduct of meetings of the Board of Trustees or any other Committee appointed by the Trust / Chairman / Board of Trustees.

19. Continuation of Uthan Educational Society registered under Societies Registration Act 1860 vide Registration No. 2263 of 1999-2000 dated 18.01.2000 to Uthan Educational Trust, a Trust under Indian Trusts Act 1882 registered as per law through the present Trust Deed.

Uthan Educational Trust (Trust) established as per law under the Indian Trusts Act 1882 through this Trust Deed shall encompass and incorporate Uthan Educational Society, a Society registered under Societies Registration Act 1860 vide Registration No. 2263 of 1999-2000 dated 18.01.2000, which will stand de-registered as per Order of the District Registrar of Societies Faridabad, as and when issued. Uthan Educational Trust (Trust) shall own all assets, movable & immovable, and liabilities of Uthan Educational Society. Board of Trustees of Uthan Educational Trust shall be fully empowered to take such actions / decisions which are necessary for ensuring the continuity of Uthan Educational Society and its transition to Uthan Educational Trust.

20. Byelaws of the University proposed to be upgraded from Manav Rachna College of Engineering in any name and style as notified by Govt. of Haryana

Uthan Educational Society had established Manav Rachna College of Engineering at Faridabad with the approval of AICTE, Govt. of Haryana Technical Education Department in affiliation to Maharshi Dayanand

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University, Rohtak in 2004 which is proposed to be upgraded to a University under Section 2(f) of UGC Act, 1956 and Haryana Private Universities Act 2006. The same shall be encompassed under Uthan Educational Trust established through this Trust Deed as and when the Notification is made by the Govt. of Haryana. With such notification, the new University in whatever name and style shall follow the Byelaws as given in Haryana Private Universities Act 2006 as amended from time to time. Such Byelaws shall include General Fund; Application of General Fund; Officers of the University; Power of Visitor; Appointment, Functions and Powers of the Chancellor; Appointment, Functions and Powers of the Vice-Chancellor; Appointment, Functions and Powers of the Registrar / Controller of Examination / Chief Finance & Accounts Office and / or other Officers of the University; Authorities; Constitution, Function and Power of Governing Body / Board of Management/ Academic Council and/ or other Authorities; Disqualification for Membership of an Authority or Body; Committees; First Statute; Subsequent Statutes; First Ordinance; Subsequent Ordinances; Regulation; Authorization to Commence the Course; Admissions; Fee Structure; Examination; Declaration of Results; Convocation; Accreditation of the University; Annual Report; Annual Accounts & Audit; Powers of Government to inspect University and Academic / Administrative Audit; Penalties; Dissolution of University on recommendation of Sponsoring Body; Special Powers of Government in certain circumstances; Powers to make Rules / Byelaws/ remove difficulties etc.

21. Byelaws of other Institutions to be established by Uthan Educational Trust

If Uthan Educational Trust establishes other institutions in future as per objects of the Trust, Board of Trustees Body shall be authorized / empowered to create / adopt suitable Byelaws as required for the smooth functioning of the institutions.

In witness whereof the settler and the Trustees have got set their hands on this day, month and year first above written

WITNESSES

[Handwritten signature]
Shri. P. B. Sharma
No. 11, Lachhman Dora
No. 2-G-9, NIT FBD

H. B. SINGH
Advocate
Distt. Court, Sec.-12, Faridabad

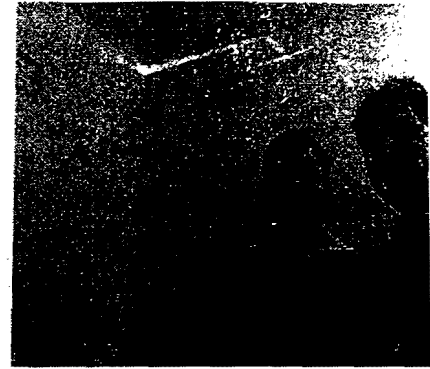
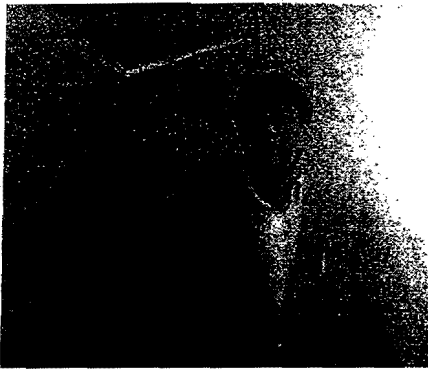
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SETTLOR

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TRUSTEES

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Reg. No. 16328 Reg. Year 2013-2014 Book No. 1



न्यासकर्ता
Atul Kalra

गवाह

न्यासी

गवाह 1:- H.B.singh adv

गवाह 2:- Shashii bhuasan

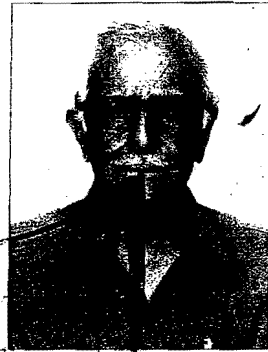
प्रमाण-पत्र

प्रमाणित किया जाता है कि यह प्रलेख क्रमांक 16,328 आज दिनांक 25/02/2014 को बही न: 1 जिल्द न: 0 के पृष्ठ न: 3 पर पंजीकृत किया गया तथा इसकी एक प्रति अतिरिक्त बही सख्या 1 जिल्द न: 0 के पृष्ठ सख्या 34 से 36 पर चिपकाई गयी। यह भी प्रमाणित किया जाता है कि इस दस्तावेज के प्रस्तुतकर्ता और गवाहो ने अपने हस्ताक्षर/निशान अंगुठा मेरे सामने किये है ।

दिनांक 25/02/2014

उप/सयुक्त पंजीयन अधिकारी
फरीदाबाद

16328



**TRUST DEED
OF
Uthan Educational Trust**

This deed of Trust is made at ^{FBD} ~~Delhi~~ on 25.07.2014 between Sh. Atul Kalra s/o Sh. I.C. Kalra, R/o H. No. F-1172, CR Park, New Delhi-110019, herein after called the SETTLER (which expression shall unless excluded by or repugnant to the context be deemed to include his successors, executors, administrators, representatives etc.).

WHEREAS The settler of the Trust is possessed of and otherwise well and sufficiently entitled to the sum of Rs. 11,000/- (Rupees Eleven thousand only) in cash.

WHEREAS The settler is desirous of establishing a trust for public charitable purpose under the name & style Uthan Educational Trust.

AND WHEREAS the following persons are appointed to be trustee for holding the trust property for the purpose detailed in this trust deed. Further the following persons have at the request of the settler agreed to act as the trustees and hereinafter jointly called the LIFE MEMBER TRUSTEES (which expression shall unless excluded by or repugnant to the context be deemed to include their successors in office)

1. Dr. Prashant Bhalla s/o Dr. O.P. Bhalla, R/o H. No. 1073, Sector-15, Faridabad, Haryana
2. Dr. M.M. Kathuria s/o Dr. Sukdev Kathuria, R/o H. No. 2197, Sector-9, Faridabad, Haryana
3. Mrs. Satya Bhalla w/o Dr. O.P. Bhalla, R/o H. No. 1073, Sector-15, Faridabad, Haryana
4. Dr. Amit Bhalla s/o Dr. O.P. Bhalla, R/o H. No. 1073, Sector-15, Faridabad, Haryana
5. Mr. Atul Kalra, s/o Sh. I.C. Kalra, R/o H. No. F-1172, C.R. Park, New Delhi

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Uttam Bhandari Trust

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25/2/14

प्रलेख नः 16328

दिनांक 25/02/2014

डीड संबंधी विवरण

डीड का नाम TRUST
तहसील/सब-तहसील फरीदाबाद
गांव/शहर फरीदाबाद

धन संबंधी विवरण

रजिस्ट्रेशन फीस की राशि 50.00 रुपये

स्टाम्प ड्यूटी की राशि 100.00 रुपये

पेस्टिंग शुल्क 6.00 रुपये

Drafted By: Self

Service Charge: 100.00 रुपये

यह प्रलेख आज दिनांक 25/02/2014 दिन मंगलवार समय 11:48:00AM बजे श्री/श्रीमती/कुमारी Atul Kalra पुत्र/पुत्री/पत्नी श्री/श्रीमती/कुमारी I.C Kalra निवासी FBD द्वारा पंजीकरण हेतु प्रस्तुत किया गया।

हस्ताक्षर प्रस्तुतकर्ता

उप/सयुक्त पंजीयन अधिकारी
फरीदाबाद

श्री Atul Kalra

उपरोक्त न्यासकर्ता व श्री/श्रीमती/कुमारी न्यासी हाजिर है। प्रस्तुत प्रलेख के तथ्यों को दोनों पक्षों ने सुनकर तथा समझकर स्वीकार किया। दोनों पक्षों की पहचान श्री/श्रीमती/कुमारी H.B Singh adv पुत्र/पुत्री/पत्नी श्री adsv निवासी fbd व श्री/श्रीमती/कुमारी Shashii bhuasan पुत्र/पुत्री/पत्नी श्री/श्रीमती/कुमारी laxman dass निवासी FBD ने की। साक्षी नः 1 को हम नम्बरदार/अधिवक्ता के रूप में जानते हैं तथा वह साक्षी नः 2 की पहचान करता है।

दिनांक 25/02/2014

उप/सयुक्त पंजीयन अधिकारी
फरीदाबाद

- iv. To provide for high quality teaching and research and for the advancement of knowledge and its dissemination through various research programmes undertaken in-house by substantial number of full time faculty/ research scholars (PhDs and Post Doctoral) in diverse disciplines.
- v. To enable creation of institutions / State Universities / deemed to be university under the 'de novo' category devoted to unique and emerging areas of knowledge, not being pursued by conventional or existing institutions – particularly in specific areas of study and research preferably sponsored by the Government of a State / UT or the Central Government regarded as important for strategic needs of the country or for the preservation of our cultural heritage, so determined by a well laid-out process of wide consultation with the eminent peers of academic community.
- vi. To establish University under the laws of the land, institutions of higher learning offering innovative and job oriented courses with special emphasis on research and development in the fields of technical education, health sciences including medical/para medical/dental education, law, science and technology etc. at par with the best in India and abroad.
- vii. To provide for instruction and training in such branches of learning as it may deem fit.
- viii. To provide for research, innovation and for the advancement of and dissemination of knowledge through establishing campuses, print media, electronic media, digital media, internet media, radio etc.
- ix. To undertake extra moral studies, extension programmes and field outreach activities to contribute to the development of society.
- x. To establish, manage, control, supervise, run, lease out Training / Coaching Centres, Schools, Colleges etc. for imparting education in various disciplines, but primarily for Technical Education, Medical Education, Dental Education, Para-medical Colleges/ Diploma/undergraduate/ post graduate courses on various fields such as Ayurvedic, Homoeopathy, Naturopathy, Pharmacy, Nursing, Laboratory, Radio diagnosis, Occupational therapy, Dietician, Acupuncture /Acupressure therapy, Management courses and all other such disciplines and prescribed courses by the state govt. and central govt., public limited companies and foreign Universities/ Institutions from time to time to help the Industrial and economical developments of the country.
- xi. To establish, manage, control, supervise, run, lease out and grant in aid as cash or kind to other societies, trusts, firms etc. including Medical, Dental, Technical, Ayurvedic, Naturopathy, Homoeopathy, Pharmacy and all other such colleges and hospitals and specialized studies and research Institutions to provide standard and high class education for MBBS, MD, BDS, MDS, MBA, MCA, BE / B.Tech. M.E / M.Tech, B.Pharma/ M.Pharma, Computer courses, various Medical and Technical Diploma Courses, Under Graduate, Post Graduate &

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NOW THIS DEED OF TRUST WITNESSES AS FOLLOWS:

1. INITIAL CONTRIBUTION BY THE SETTLER

In order to effectuate the said desire, the settler has made over to the Life Member Trustees a sum of Rs. 11,000/- (Rupees Eleven thousand only) in cash for the objects and purposes hereinafter contained concerning the same.

2. NAME OF THE TRUST

The name of the Trust shall be **Uthan Educational Trust**.

3. REGISTERED OFFICE OF THE TRUST

The Registered Office of the Trust shall be situated at 5-E-1A, BP, NIT Faridabad, Haryana-121001, unless changed by the Life Member Trustees.

4. AIMS & OBJECTIVES OF THE TRUST

- i. To establish University(ies) in Haryana under the Haryana Private Universities Act 2006 with the following objects:-
 - (a) To provide instructions, teaching and training in higher education and make provisions for research, advancement and dissemination of knowledge;
 - (b) To create higher levels of intellectual abilities;
 - (c) To establish state of the art facilities for education and training;
 - (d) To carry out teaching and research and offer continuing education programmes;
 - (e) To create centres of excellence for research and development and for sharing knowledge and its application;
 - (f) To establish a campus
 - (g) To institute degrees, diplomas, certificates and other academic distinctions on the basis of examination, or any such other method;
 - (h) To maintain the academic standard of degrees, diplomas, certificates and other academic distinctions as per byelaws and to ensure that the same are not lower than those laid down by the regulating body;
 - (i) To pursue any other objective as may be approved by the Government
- ii. To provide for higher education leading to excellence and innovations in such branches of knowledge as may be deemed fit primarily at Graduate, Post-Graduate and Research Degree levels fully conforming to the concept of university, namely, the Haryana Private Universities Act 2006, University Education Report (1948) and the Report of the Committee on Renovation and Rejuvenation of Higher Education in India (2009) and the Report of the Review Committee for Deemed to be Universities (2009).
- iii. To engage in areas of specialization with proven ability to make distinctive contributions to the objectives of the university education system that is academic engagement clearly distinguishable from programmes of an ordinary nature that lead to conventional degrees in arts, science, engineering, medicine, dental, pharmacy, management, etc. routinely offered by conventional institutions.

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- Doctorate Courses etc. and all related courses to the students according to the rules and regulations of State /Central Govt.
- xii. To provide all type of consultancy services to professional colleges such as Engg Colleges, Medical Colleges, Dental Colleges, Pharmacy Colleges, Management Colleges etc for accreditations with the top accrediting bodies in India like NBA, NAAC etc and abroad, obtaining quality certifications such as ISO 9000/ ISO 14000 series etc from agencies in India and abroad through eminent professionals / educationists / technologists for reputed educational Institutions such as IITs, IIMS, IIS, other reputed professional institutes etc.
 - xiii. To provide accreditation services to technical & professional institutions, colleges, schools etc.
 - xiv. To provide consultancy services for conducting quality & financial checking and examination of authorized technical & professional institutions, colleges, schools etc. and give reports to all concerned agencies.
 - xv. To provide consultancy services to professional colleges such as Engg Colleges, Medical Colleges, Dental Colleges, Pharmacy Colleges, Management Colleges etc for bringing excellence in education through education reforms by improving teaching learning processes/ industry academia interface, staff development etc and creating / improving environment for establishment of strong work culture aiming at all-round development of pupils, teachers, support staff etc
 - xvi. To establish, manage, control, superintendent, run lease out 100 bedded or more Allopathic Hospitals, Ayurvedic cum Naturopathy hospitals and having health promotion facilities like Health Club, Nature Cure facilities, Yoga and Medication facilities, Entertainment facilities, Hostel and Guest house facilities, community centre /religious centre facilities for general public with all modern and advance treatment techniques alongwith provision of sub-letting/collaboration/lease out these hospital/facilities to other societies/ companies/trust(s) etc. having same aim and objects on mutually agreed terms and conditions.
 - xvii. To formulate and implement plans, schemes and programmes in relation to science, literature, fine arts, commerce, medical line, Para medical line for urban/rural development and execute the same for the welfare of the urban/rural community specially to provide and create jobs or employment opportunities for the poor, handicapped and females etc.
 - xviii. To establish, provide, maintain and conduct or otherwise subsidies research centres or laboratories and experimental workshops for scientific and technical researches and experiments and to undertake and carry on all scientific, medical and technical researches, experiments and tests and to promote, subsidize or pay for studies and research, both scientific and technical investigation and inventions by providing subsidizing, endowing or assisting

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laboratories, workshops, libraries, lectures, meetings and conferences in India and abroad and by providing the remuneration of scientific, medical and technical professors, teachers, Directors etc. and by establishing under writing or providing for scholarships, prizes, grants and subsidies to students or otherwise and to encourage promote and reward studies researches, investigations, experiments tests and investigation of any kind that may be considered likely to assist the functioning of the Society / Trust / University.

- xix. To establish, acquire, maintain, manage and run schools day boarding/residential boarding upto class XII std., education centres, nature cure clinics, sanitariums, maternity homes, child welfare centres, hostels, residential accommodation for staff and members, old persons and such other charitable institutions for the benefit and use of urban/rural population.
- xx. To work for the development of harmonious relations between all citizens irrespective of caste, creed, sex or religion.
- xxi. To develop and conduct training programmes/ seminars / workshops/ conferences/ symposia etc on various aspects of technical education, social education, medical education, management education and other sciences, arts and commerce education.
- xxii. To establish, run, maintain and conduct recognized Technical, Medical, Dental, Para-medical Colleges/Courses on various fields such as Ayurvedic, Homeopathic, Naturopathy, Pharmacy, Nursing, Laboratory, Radio diagnosis, Occupational therapy, Dietician, Beautician, Acupuncture/Acupressure therapy, Engg and Technology, Applied Arts, Computer Applications, Management courses etc. for self employment.
- xxiii. To establish, run, maintain and grant aids to health clubs, sport centres, institutes/ association etc, and undertake health promotion activities like nature cure facilities, hostels, guest house/ community centres facilities for general public.
- xxiv. To establish and maintain Institutions for the help of handicapped, blind, old people, poor patients in the form of aids, medicines, food and nutrition, artificial limbs, investigation facilities, vocational training facilities, health education facilities, house hold industries facilities and resettlement facilities.
- xxv. To organize and run charitable services/ community services for needy people of society in the form of entertainment, cultural and health care camps like family planning, child health check up, eyes, ENT, Heart and Sugar check up, Blood donation, old age patients check up etc.
- xxvi. To promote and conduct research and development work on Herbal, Yunany, Ayurvedic, Homeopathic, Allopathic and other allied sciences / medicaments and to invite other research Institutions/ schools to work in the fields of science, medical and technical for the benefit of all segments of society particularly poor and

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underprivileged. This will be done by organizing technical courses conferences and publication of books, periodicals newspapers, magazines and other literatures.

- xxvii. To publish books, journals, magazines, periodicals and newspapers and journals in different languages for the promotion and propagation of aims and objectives of Trust.
- xxviii. To establish, form and maintain libraries and collection centres for collection of literatures, statistics and scientific data and other information related to medical and technical etc to facilitate the research work.
- xxix. To award prizes/medals/certificates in the fields of education / sports/ social welfare/ science/ engineering/ management/ medical / art and cultures to deserving persons and other societies /Trusts / organizations.
- xxx. To retain and /or employ skilled, professional/medical research scholars or medical advisers and other staffs and workers in connection with the aims and objectives of the Trust and to pay thereof such fees or remuneration as may be thought expedient.
- xxxi. To promote, maintain, protect and improve environment by creating and managing, agricultural fields, farmhouses, parks, water pools etc.
- xxxii. To give audio visual education relating to AIDS/STD/drug addiction to general public and to start open, run, manage, specific study courses/ research work in the fields of AIDS/Sex education to control and train man power to fight against AIDS/Drug addiction in the society.
- xxxiii. To do and perform all such acts as are incidental or conducive or necessary to the achievements and attainment of the aims and objectives of Trust/University and allied social activities and services stated here to or any of them for betterment of human race.
- xxxiv. To acquire land, building, equipment, maintain, run or lease out the necessary infrastructure to achieve the above aims and objectives of the Trust.
- xxxv. To acquire land by purchase, on lease or on rent/hire and other movable or immovable properties from state govt. /central govt. / private person/ private limited companies or built-up properties of any kinds for the use of opening of Medical / Dental / Technical Education Centres / Hospital / Institutions/ Entertainment Centres of the Trust and to construct buildings and equip with plant and machinery thereon for these aims and objectives.
- xxxvi. To provide charitable / Hospital beds (free beds)/ OPD/ Diagnostic services for needy peoples in the Medical / Dental hospitals in case the Trust gets land for these institutions from govt. deptt. / other sources on concessional rates and on priorities or Trust gets the government permission from the concerned state department to convert the land use of private / agricultural land acquired by the Trust for the above said objects / purposes as per terms and conditions mutually agreed.

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- xxxvii. To apply for and to raise Trust corpus funds/incomes for fulfillment of its aims and objectives, and to accept subscriptions, admission/tuition/other fees, contributions, grants, gifts, aids, donations and loans/OD facilities in cash and/or kind from individuals/patients/students, corporate houses/companies/firms, Banks/Financial institution, registered societies/trusts/ foundations, NRIs, Foreign Trusts/Financial institutions, State/central Government and from any other bodies, National and International for the capital expenses as well as to create funds to meet recurring and incidental expenses concerning the aims and objectives of the Trust.
- xxxviii. To manage/mortgage/pledge/hypothecate/charge/sell/transfer/let out by way of lease license or on rent or otherwise dispose off or deal with whole or part of the assets/properties of any kind both movable and immovable belonging to the Trust to fulfill the aims and objectives of Trust.
- xxxix. To enter into agreements with any other trusts/societies, foundations/ Ltd. Companies / firms / NRIs / State / Central Governments or Semi Govt. Departments/Banks or Financial institutions or any other party having legal entity or any individual(s) for the purposes to fulfill the aims and objectives of the Trust as per terms and conditions mutually agreed.
- xl. To donate or contribute corpus funds or give loans in the form of cash/movable/immovable properties for the attainment of similar objects to any other person(s), individual(s), trusts, societies, associations of body corporates engaged in similar or allied aims and objectives of the Trust.
- xli. To co-opt members from Apex bodies in the field of education such as UGC, MCI, DCI, AICTE, PCI, COA, Govt. of India etc/ reputed Educational Institutions/ State Universities/ Deemed Universities in India and abroad / World Bank/W.H.O./Chromwell Hospitals/ Red Cross Society / State Govt. wherever required, and have consultants and their services and guidance, free or paid, on matters related to fulfillment of aims and objectives of Trust.
- xlii. To conduct any other such activities in consonance with aims and objectives / goals of the Trust.
- xliii. There is no profit motive to achieve the above aims and objectives of the Trust. All fees / receipts from various activities undertaken in the Trust or its constituents shall be used for achieving the aims and objectives of the Trust.
- xliv. To establish and run Open and Distance Learning Centres, E-Learning etc. Centres in different parts of the Country and abroad

5. **NUMBER, TYPE, TERM AND NOMINATION / APPOINTMENT OF TRUSTEES**

The Trustees appointed under this deed at the time of formation of the Trust shall be for life and termed as Life Member Trustees. The Life

18c - 18 Dec *Kunal* *Suresh* *Rashmi*

Member Trustees shall have power to nominate / appoint other Trustees, for life or for a limited period. Only Life Member Trustees shall have the voting rights in the meeting of the Trust. Member Trustees shall be appointed by the Life Member Trustees through majority vote for specific purpose(s) and term as specified. In no case, the number of Life Member Trustees and Member Trustees shall exceed Eleven.

Life Member Trustee(s) may seek retirement citing specific reasons and may be allowed by the majority of Life Member Trustee(s) to retire. In such case, Life Member Trustee(s) shall have the right to nominate any other person, meeting the minimum eligibility criteria laid down in the Indian Trust Act, 1882, as Trustee, who for all practical purposes shall be treated as Life Member Trustee. Similarly, if any vacancy in the Life Member Trustee happens due to the death of the Life Member Trustee, a nominee appointed by the Life Member Trustee in advance shall be appointed as Trustee in his / her place, who will be treated as Life Member Trustee for all practical purposes. However, if nominee of such Life Member Trustee is also not alive or unfit to become Trustee, anyone of the natural heir of such Life Member Trustee may be appointed as Trustee in place of Life Member Trustee, provided that all natural heirs unanimously agree for appointment of the specific natural heir to be appointed as Life Member Trustee.

Further provided that if a Life Member Trustee(s) want(s) to retire and / or do(es) want to appoint any nominee in his / her place, Board of Trustees may allow his / her to do so, with the approval of minimum 3/4th majority. In such case, Life Trustees shall be empowered to fill the remaining vacancies and all such Trustee(s) so appointed shall be treated as Life Member Trustee(s).

6. FORMATION AND POWER AND FUNCTIONS OF THE TRUST

The Trust will come in to existence with the registration of this deed with the competent authority and consist of Life Member Trustees as voting members. The Trust shall have following powers and may perform following functions to fulfill its aims & objectives:-

- a) All property of the Trust Movable or Immovable or of any other kind, shall vest in trust, the trustees shall manage the whole property and affairs of the trust and shall have all powers, duties and functions necessary proper and incidental to the promotion and carrying out of the objects of the trust.
- (b) In particular and without prejudice to the generality of the foregoing, the trustees shall for the purposes of this trust have the following powers, duties and functions:
 - (i) To acquire by Gift, Grant, Purchase, Exchange, Lease, or otherwise, lands, buildings, or other immovable properties and also any Movable Property.

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- (ii) To construct and maintain buildings, to alter, to demolish or improve them and equip them suitably.
- (iii) To accept gifts, donations, endowment and contributions for the Trust and shall be treated as the income of the Trust.
- (iv) (a) To raise loans, to receive monies, securities or other movable property on behalf of the Trust.
(b) To accept any trust, trust fund or endowment so long as the provisions of such Trust or endowment are in consonance with the objects of this Trust.
- (v) To award scholarship and make donations calculated to promote the objects of the Trust.
- (vi) (a) To enter into contracts, or engagements on behalf of the Trust.
- (vii) To make, sign and execute all such documents instruments, as may be necessary or proper for carrying on the management of the properties and affairs of the Trust.
- (viii) To invest such monies and such funds of the trust and to vary the investment as and when it may deem necessary or proper provided that such investments shall be made only upon immovable properties or upon securities as the board of trustee may deem fit, under section 20 of the Indian Trust Act, 1882.
- (ix) To sell, transfer or otherwise dispose of any movable, immovable property of the trust provided all the trustees unanimously resolve that it is in the interest of the trust to do so to sell or lease, mortgage or otherwise dispose of any movable and immovable properties of the Trust.
- (x) To appoint Committee / Committees of management for such terms and with such powers as may be specified from time to time, for carrying on the routine management of the affairs of the Trust.
- (xi) To appoint such employees on such terms and conditions as the Trustees may deem fit for carrying out the work of the trust and exercise control on all such employees including the power of suspension, dismissal and removal.
- (xii) To delegate to the Life Member Trustee or any appointed committee such powers, duties and functions as are vested in the Board of Trustees.
- (xiii) To frame Bye-Laws and such other regulations as are required for achieving its objectives.
- (xiv) Out of the income of the trust property, the trustee shall be entitled to spend or incur the following expenses namely-
 - (a) All rates, taxes, cess, assessments, dues and duties if any payable to the government or other public bodies in respect thereof or any part thereof of the Trust or its Institutions or its bodies.
 - (b) The premium for the insurance of the buildings or any other insurable property movable or immovable for the time being forming part of the trust property.
 - (c) The costs of repairs and for providing any amenities to the buildings for the time being forming part of the trust property.
 - (d) The cost of making such additions/alterations or improvements to or in the buildings forming part of the trust property, as the trustees shall think fit.

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- (e) Wages and salaries of any manager, supervisor, accountant, clerk, servant or other employees employed by the trustees in the carrying out of the activities of this trust.
- (f) Cost and expenses of keeping the trust property in good condition.
- (g) Cost and expenses for installing and renovating the electrical and other installations in the building for the time being forming part of the trust property.
- (h) the architect's fee and legal charges and fee payable to other professionals for the purposes of the Trust activities / properties.
- (i) All other costs, charges and expenses of and incidental to the management and administration of the trust and its property in accordance with the objects and purposes hereof or which may be incidental thereto.

After deducting the costs charges and expenses incurred by the trustee's as aforesaid out of the total gross income received by them from the trust property the balance that is the net income will be utilized for the objects of the trust as decided by the board of trustees.

7. MANAGEMENT OF THE TRUST

All activities and functions of the trust shall be managed by the Board of Trustees consisting of Life Members having voting rights and other Trustees not having voting rights.

8. FORMATION, TERM AND POWER AND FUNCTIONS OF BOARD OF TRUSTEES

a) The affairs of the Trust shall be managed by the Board of Trustees consisting of the following:-

- (i) Dr. Prashant Bhalla- Chairman
- (ii) Mr. Atul Kalra- Secretary
- (iii) Dr. Amit Bhalla- Treasurer
- (iv) Mrs. Satya Bhalla-Member
- (v) Dr. M.M. Kathuria-Member
- (vi) All such Life Trustees and Other Trustees who are subsequently appointed as per the relevant provisions in this Trust Deed.

b) POWER AND FUNCTIONS OF BOARD OF TRUSTEES

Board of Trustees shall have powers as mentioned in Clause 6 of the Trust Deed and in addition shall also have the following powers:-

- (i) To appoint Chairman / Secretary / Treasurer, as the case may be, from amongst the Life Trustees through a simple majority vote as and when such post is rendered vacant due to whatsoever reason.

Dr. - Anil

Kumar

Atul

Prashant

- (ii) To appoint other Life Trustees or Ordinary Trustees as per provisions made in Clause 6 of the Trust Deed as above.
- (iii) To appoint Chancellor of University(ies) run by the Trust as per norms laid down by the Regulatory Bodies or under the Laws of the land including Haryana Private Universities Act 2006 etc. for such period as provided in the norms / regulations.
- (iv) To take, receive and accept any donations, gifts, subscription or contributions in any kind or form and whether of movable or immovable properties from any person or body towards furtherance and /or fulfillment of all or any of the object of the trust for the purposes of the Trust provided that if any donor or contributor limits his/her contribution, donation or subscription to attainment of a particular object of the Trust, such contribution, donation or subscription shall be utilized only towards the promotion of objects of trust so specified by the donor.
- (v) The Board of Trustees shall have the power to utilize the income of the Trust Fund for all or any of the objects and purposes of the Trust.
- (vi) The Board Trustees would keep trust fund invested in deposits in Nationalized Banks / Scheduled Banks / Government Bonds, or in such other securities as are approved by Income Tax Act or rules framed there under.
- (vii) Board of Trustees shall do all or any of the acts or things as are incidental or conducive to the attainment of any of the objects of the Trust.
- (viii) Board of Trustees shall not take any decision or do any act contrary to the objectives of the Trust.
- (ix) Board of Trustees shall maintain accounts and records through its staff and incur expenditure for such maintenance. The account of the Trust shall be audited by a Chartered Accountant or a Firm of Chartered Accountants as appointed by the Board of Trustees.
- (x) The initial corpus of the Trust Fund and all accretions thereto shall under no circumstances be disbursed or spent. Only income of Trust fund kept invested in the manner as aforesaid will be utilized and spent to achieve and sub-serve the objects of the Trust.
- (xi) Upon termination of trusteeship as mentioned above, the trustees shall cease to hold office and deemed to have resigned and shall hand over charge to incoming trustees.
- (xii) To co-opt and appoint Trustee, to fill up casual vacancy in terms of clause 5 hereof for the remaining tenure of the Trustee who has ceased to function.
- (xiii) Without prejudice to the generality of their powers the Trustees shall have power and authority to do and exercise the following acts, deeds and things as they deem fit.

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- (xiv) To demand, sue for and recover all money payable to and receivable by the Trust under and by virtue of these presents and to give effectual receipts and discharges for the same;
- (xv) To prosecute, defend and compromise all actions and proceedings touching the affairs of the said trust, suits and intents and to do and perform all acts and things in connection therewith;
- (xvi) To sign, endorse and negotiate all cheques and pay orders as shall relate to their duties and obligations under these presents and to operate fully and effectually the bank Accounts of the aforesaid Trust;
- (xvii) To sign, seal, execute and register all deeds, instruments and writings as shall be deemed necessary and expedient in the execution and discharge of the said Trust, uses and intents and to pay all expenses to be incurred in connection therewith.
- (xviii) The Board of Trustees shall have power from time to time to frame rules and regulations as they may think fit and proper for the administration and carrying into effect the provisions of this trust and to provide for the management of the Trust Fund and also from time to time alter or revoke any such rules and regulations or to repeal any of them and substitute others in their place.

The Board of Trustees will have following additional powers:

- a. The Board of Trustees shall have the absolute control and superintendence over and the full management and administration of the Trust Fund and of the property and funds belonging thereto from time to time and of all affairs relating to the same as in the opinion of the Trustees may be conducive to or would promote the general objects and purpose of these presents and to do all other acts and things which may be deemed necessary , proper or desirable for the promotion of all or any of the purposes and objects for which the Trust Fund is dedicated.
- b. The Board of Trustees may from time to time frame rules and/or regulations for the conduct and management of the Trust Fund and its business including the summoning of meetings, provisions for payment of travelling allowance to the Trustees and also regarding the qualifications required to be possessed by a person who applies for help from the Trust, the conditions, if any on which the moneys may be paid and repaid and such

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other matters relating to the Trust as they may think necessary.

- c. The Board of Trustees shall be entitled to pay, discharge all the costs and expenses for administration of the trust including Income Tax, wealth tax or other taxes levied upon the said Trust including all outgoings and municipal or other rates and taxes, duties, cost of repairs to any immovable property, if any, forming part of the Trust Fund.
- d. It is declared that the Board of Trustees shall stand possessed of the Trust Fund upon Trust either to retain the same in the form of moneys, investments, securities and properties for the time being of the trust Fund or at any time or times and from time to time at their discretion to apply sell or realize and vary the said moneys, investments, securities and properties.
- e. The Board of Trustees may from time to time open in the name of the Trust one or more Bank Accounts with such scheduled Bank or Banks as they shall from time to time decide. Any two of the Permanent Trustees may jointly be authorized to operate such Bank Accounts by the Board of Trustees by a necessary resolution passed in this regard .The Permanent Trustees shall have power to operate such account or accounts, to draw, endorse, issue, sign, negotiate, discount, cheques and pay orders, drafts, securities, debentures and other negotiable instrument and to pay or cause to be paid to or withdraw from such accounts and open others. Provided however that if any amount relating to the Corpus Fund is withdrawn from any Bank Account or any investment then such amount shall be reinvested in accordance with clauses mentioned above so as not to diminish in any manner whatsoever the total amount standing to the credit of the Trust's corpus.
- f. The Board of Trustees shall have full power to file suits , make applications or take out any proceedings in respect of the Trust for the preservation or in the interest of the Trust or to defend or reply to or appear in any suit applications or proceedings filed , made or taken against the Trust or to compromise or refer to arbitration such suit , application or proceedings in or any claim or account whatsoever or any matter in which the interest

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of the trust Fund and its funds may be concerned or wherein the Trustees as such may be parties and the Trustees shall be reimbursed for all costs and expenses incurred by them in connection therewith.

- g. The Board of Trustees shall be entitled to appoint any attorney or advocate entrusting them with conduct of such suits applications and for instituting or defending any legal proceedings.
- h. The Board of Trustees shall have the power to appoint, engage and remove persons connected with the affairs and activities of the Trust or for collection and management of the income thereof and to pay them such salaries and emoluments as the Trustees may think fit and proper.
- i. The Board of Trustees may deposit any deeds , securities or instruments held by them as such Trustees with any bankers or safe deposit vaults for safe custody and may pay out of the income of the Trust Fund any sums payable for such custody.
- j. The Board of Trustees shall have full power to reimburse themselves from out of the income of the Trust Fund all costs, charges and expenses and demands which they shall or may reasonably have to incur, bear or sustain by reason of or on account of their acceptance and functioning as Trustees of the Trusts herein before declared.
- k. And generally to do any other acts or act not mentioned above that may be necessary in the discharge of their duties and execution of the powers vested in the Board of Trustees.

9. **POWER AND FUNCTIONS OF THE CHAIRMAN**

The Chairman shall have the following powers, duties and functions:-

- (i) To preside over the meeting of the Board of Trustees and see that the meeting is conducted properly.
- (ii) To supervise and guide the overall activities of the Trust and to ensure fulfillment of its aims and objectives.
- (iii) To be responsible for the smooth working of the Trust / Board of Trustees.
- (iv) To admit/ discharge members to the Trust on the approval of Board of Trustees.

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- (v) To perform all such duties and functions as specifically entrusted / delegated by the Board of Trustees / Trust.

10. POWER AND FUNCTIONS OF THE SECRETARY

- (i) To call meetings of the Trust / Board of Trustees with the consent of the Chairman.
- (ii) To maintain a list of all members of the Trust.
- (iii) To prepare and circulate agenda notes with the approval of the Chairman for the meetings of Trust / Board of Trustees and to keep the minutes of such meetings.
- (iv) To preserve the records of the Trust / Board of Trustees.
- (v) To perform any other duty and or function as specifically entrusted by the Chairman / Board of Trustees.

11. POWER AND FUNCTIONS OF THE TREASURER

- (i) To keep accounts of all financial transactions of the Trust and of all the sum of monies received and spent by the Trust; maintain records of receipts and expenses related to such matters and of assets, credits and liabilities. Provided that the accounts shall be kept separately for all foreign / government donations / grants / aids/ contribution, if any.
- (ii) To get the accounts audited by a Chartered Accountant or a firm of Chartered Accountants appointed by the Board of Trustees at the close of the financial year as per law of the land, every year.
- (iii) To present the annual accounts including balance sheet, income & expenditure account, receipts & payments etc. to the Trust / Board of Trustees for approval / directions.
- (iv) To perform any other duty and or function as specifically entrusted by the Chairman / Board of Trustees.

12. THE PROCESS OF DECISION MAKING

The decisions of the Trust / Board of Trustees shall be made in the respective meeting of the Board of Trustees through simple majority vote for such action or decision:-

- i. The sale, transfer, lease or other disposition of all or substantially all of Trust's assets.
- ii. Any amendment in the Trust Deed. However, no amendments to the Trust Deed shall be made which may prove to be repugnant to the provisions of Section 2 (15), 11, 12 and 13 and 80G of the Income Tax Act 1961 as amended from time to time.
- iii. Decision relating to Future Funding.

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- iv. Decision relating to appointment and payment of remuneration to Key Persons.
- v. Change of location of the premises of the Trust.
- vi. Material changes in the organizational structure of the Trust or School(s) / institution(s) operated by the Trust.
- vii. The placing of any encumbrances including, but not limited to, any mortgage, pledge, charge, or other security interest on any of the assets of the Trust.
- viii. Raising of loans, issuing debt securities, committing guarantees, granting security interests in the assets of the Trust, or pledging the securities of the Trust.
- ix. Entering into any new agreement or amending or terminating an existing agreement to which any Trustee is a party, if such agreement or amendment could reasonably have a significant impact on the business of the Trust taken as a whole or such Trustee individually (such as strategic alliances, or the licensing or sale of intellectual property rights, or a restriction which limits the geographical territory in which any Trustee is permitted to conduct its business and/or the type of business that any Trustee is permitted to conduct)
- x. Choosing an independent public accounting firm to audit the books and records of the Trust
- xi. Opening of a bank account in the name of Trust, or for carrying on any operations of the Trust
- xii. The initiation, prosecution or settlement of any legal action or claim by the Trust
- xiii. Giving any guarantee, indemnity, or security in respect of the obligations of Trust or any third parties
- xiv. Delegation of authority or any of the powers of the Board relating to any matter contained in this Section
- xv. Filling of any vacancy among the Members of the Board of Trustees

13. MEETINGS OF THE BOARD OF TRUSTEES

The Board of Trustees shall ordinarily meet atleast **once in Six months**; provided that the Chairman may, where he / she may think appropriate, call an emergent meeting. A notice of atleast seven days shall be required for calling the meeting of Board of Trustees, however, in case of an emergent meeting, a notice of minimum three days will be sufficient. The quorum of the meeting of the Board of Trustees shall be minimum three.

14. TERMINATION OF THE OFFICE OF THE TRUSTEES

Trustees shall cease to hold the office in the following eventuality

(ies):-

- (i) If he/she dies or resigns from the office.

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- (ii) If he/she is adjudged insolvent or found guilty of an offence involving moral turpitude by the Court(s) / Law of the land or found unsound mind.
- (iii) If he/she is found to have acted against the interest of the Trust by the Board of Trustees / Trust.
- (iv) If it is unanimously decided by the Trust / Board of Trustees in their meeting that the continuation of the Trustee in the office is against the interest of the Trust.
- (v) If the term of appointment of the Trustee as specified by the Chairman / Board of Trustees / Trust, as the case may be, has expired.
- (vi) If the Trust is dissolved lawfully as per provision given hereunder.

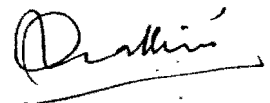
15. **THE MANNER FOR THE INVESTMENT OF THE FUNDS, KEEPING OF ACCOUNTS AND FOR AN ANNUAL OR PERIODICAL AUDIT OF ACCOUNTS.**

(A) **ASSETS AND FUNDS**

- (i) All funds of the Trust shall be kept in nationalized / Scheduled/ approved banks / financial institutions as approved by the Board of Trustees from time to time and shall be jointly operated by minimum two members of the Board of Trustees as appointed by the Board of Trustees from time to time provided that Chairman must be one of the panelist.
- (ii) All assets and funds will belong to the Trust and remain vested with the Board of Trustees and not to any individual or office bearers.
- (iii) All procurements and sales pertaining to the Trust shall be as per direction of the Board of Trustees.

(B) **ACCOUNTS OF THE TRUST**

- (i) Financial year of the Trust shall be from 1st April to 31st March of the succeeding year or as approved by the Board of Trustees from time to time.
- (ii) The funds of the Trust shall be utilized solely for the purpose of the Trust.
- (iii) The accounts of the Trust shall be maintained in the name of the Trust or its constituent bodies and institutions and not in the name of any other Trust, whether financing or sponsoring the Trust or not. The accounts of the Trust shall be kept in such forms as may be laid down by the Board of Trustees and shall conform to the rules.
- (iv) The accounts of income and expenditure as also the annual financial statement and annual accounts shall be audited by a Chartered Accountant or a firm of Chartered Accountants to be appointed by the Board of Trustees.



16. THE MANNER OF DISSOLUTION OF THE TRUST AND SUCH OTHER MATTER AS MAY BE THOUGHT EXPEDIENT, HAVING REGARD TO THE NATURE AND OBJECTS OF THE TRUST

The Trust may be dissolved, in case the need arises. All the immovable or movable properties of the Trust, if any, after settlement of all liabilities shall be transferred to another registered Trust / Society / Association / Institution pursuing similar aims and activities as decided by the Board of Trustees / Trust and shall not be distributed among the members of the Trust.

17. RECORDS TO BE KEPT BY THE TRUST

Records like membership register, proceedings of the meetings of Trust / Board of Trustees, cash book, stock register, ledgers etc. shall be maintained by the duly authorized persons.

18. DEFECTS OF PROCEDURE IMMATERIAL

No act of the Trustees shall be invalidated by reason of any vacancy in the Board of Trustees or any irregularity in the conduct of meetings of the Board of Trustees or any other Committee appointed by the Trust / Chairman / Board of Trustees.

19. Continuation of Uthan Educational Society registered under Societies Registration Act 1860 vide Registration No. 2263 of 1999-2000 dated 18.01.2000 to Uthan Educational Trust, a Trust under Indian Trusts Act 1882 registered as per law through the present Trust Deed.

Uthan Educational Trust (Trust) established as per law under the Indian Trusts Act 1882 through this Trust Deed shall encompass and incorporate Uthan Educational Society, a Society registered under Societies Registration Act 1860 vide Registration No. 2263 of 1999-2000 dated 18.01.2000, which will stand de-registered as per Order of the District Registrar of Societies Faridabad, as and when issued. Uthan Educational Trust (Trust) shall own all assets, movable & immovable, and liabilities of Uthan Educational Society. Board of Trustees of Uthan Educational Trust shall be fully empowered to take such actions / decisions which are necessary for ensuring the continuity of Uthan Educational Society and its transition to Uthan Educational Trust.

20. Byelaws of the University proposed to be upgraded from Manav Rachna College of Engineering in any name and style as notified by Govt. of Haryana

Uthan Educational Society had established Manav Rachna College of Engineering at Faridabad with the approval of AICTE, Govt. of Haryana Technical Education Department in affiliation to Maharshi Dayanand

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University, Rohtak in 2004 which is proposed to be upgraded to a University under Section 2(f) of UGC Act, 1956 and Haryana Private Universities Act 2006. The same shall be encompassed under Uthan Educational Trust established through this Trust Deed as and when the Notification is made by the Govt. of Haryana. With such notification, the new University in whatever name and style shall follow the Byelaws as given in Haryana Private Universities Act 2006 as amended from time to time. Such Byelaws shall include General Fund; Application of General Fund; Officers of the University; Power of Visitor; Appointment, Functions and Powers of the Chancellor; Appointment, Functions and Powers of the Vice-Chancellor; Appointment, Functions and Powers of the Registrar / Controller of Examination / Chief Finance & Accounts Office and / or other Officers of the University; Authorities; Constitution, Function and Power of Governing Body / Board of Management/ Academic Council and/ or other Authorities; Disqualification for Membership of an Authority or Body; Committees; First Statute; Subsequent Statutes; First Ordinance; Subsequent Ordinances; Regulation; Authorization to Commence the Course; Admissions; Fee Structure; Examination; Declaration of Results; Convocation; Accreditation of the University; Annual Report; Annual Accounts & Audit; Powers of Government to inspect University and Academic / Administrative Audit; Penalties; Dissolution of University on recommendation of Sponsoring Body; Special Powers of Government in certain circumstances; Powers to make Rules / Byelaws/ remove difficulties etc.

21. Byelaws of other Institutions to be established by Uthan Educational Trust

If Uthan Educational Trust establishes other institutions in future as per objects of the Trust, Board of Trustees Body shall be authorized / empowered to create / adopt suitable Byelaws as required for the smooth functioning of the institutions.

In witness whereof the settler and the Trustees have got set their hands on this day, month and year first above written

WITNESSES

[Handwritten signature]
Shri. P. B. Sharma
90 N. Lachman Das
No 2-G-9, NIT FBD

H. B. SINGH
Advocate
Distt. Court, Sec.-12, Faridabad

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SETTLOR

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TRUSTEES

Reg. No. 16328 Reg. Year 2013-2014 Book No. 1



न्यासकर्ता
Atul Kalra

गवाह

न्यासी

गवाह 1:- H.B.singh adv

गवाह 2:- Shashii bhuasan

प्रमाण-पत्र

प्रमाणित किया जाता है कि यह प्रलेख क्रमांक 16,328 आज दिनांक 25/02/2014 को बही न: 1 जिल्द न: 0 के पृष्ठ न: 3 पर पंजीकृत किया गया तथा इसकी एक प्रति अतिरिक्त बही सख्या 1 जिल्द न: 0 के पृष्ठ सख्या 34 से 36 पर चिपकाई गयी। यह भी प्रमाणित किया जाता है कि इस दस्तावेज के प्रस्तुतकर्ता और गवाहो ने अपने हस्ताक्षर/निशान अंगुठा मेरे सामने किये है ।

दिनांक 25/02/2014

उप/सयुक्त पंजीयन अधिकारी
फरीदाबाद

UNIVERSITY GRANTS COMMISSIONAppendix-I**Composition of the Uthan Educational Trust:**

Sl. No.	Name	Address	Occupation	Designation in the Society/Trust
1	Dr. Prashant Bhalla	House No. 1073, Sector-15, Faridabad	Chairman	Educationist
2	Mr. Atul Kalra	House No. F-1172, C.R. Park, New Delhi	Secretary	Business
3	Dr. Amit Bhalla	House No. 1071, Sector-15, Faridabad	Treasurer	Educationist
4	Dr. M. M. Kathuria	House No. 2197, Sector-9, Faridabad	Treasurer	Educationist
5	Mrs. Satya Bhalla	House No. 1073, Sector-15, Faridabad	Member	Educationist

UNIVERSITY GRANTS COMMISSIONAppendix-II

Whether the member of the Trust are members in the other Societies/Trust or in the Board of Governors in the Companies? If Yes, please provide details in the following format:

SI No	Name	Address	Name of the Society / Trust	Designation in the Society/Trust
1	Dr. Prashant Bhalla	House No. 1073, Sector-15, Faridabad	Manav Rachna International Institute of Research & Studies (Trust)	President
			M.R. Education Trust	Secretary
			Navuthan Educational Trust	President
			Trinity Educational Trust	Secretary
			Divine Health & Educational Trust	President
			Knowledge Education Trust	President
			Faridabad Navchetna Trust	President
			Faridabad Education Council	President
			Lala Madhu Ram Bhagwan Dass Charitable Society	General Secretary
			Manav Rachna Vidyantariksha Foundation	Trustee
			Manav Rachna Vidyantariksha Pvt. Ltd.	Director
			Prinku Landfin, Pvt. Ltd.	Director
			Manav Rachna Publishing House Pvt. Ltd.	Director
			Global Inspirations Pvt. Ltd.	Director
			ENECO Systems Limited	Director
			Educational Rating and Assessment Foundation	Director
			Manav Rachna Eduventure	Director
			Manav Rachna Infrabuild LLP	Director
			Tech Plast India LLP	Director
2	Mr. Atul Kalra	House NO.F-1112, C.R. Park, New Delhi	Manav Rachna International Institute of Research & Studies (Trust)	Treasurer
			M.R. Education Trust	Trustee
			Lala Madhu Ram Bhagwan Dass Charitable Society	Member
			Manav Rachna Vidyantariksha Pvt. Ltd.	Director
			Prinku Landfin, Pvt. Ltd.	Director
			Technoplanet Labs Pvt. Ltd.	Director
			Tech Plast India LLP	Director

SI No	Name	Address	Name of the Society / Trust	Designation in the Society/Trust
3	Dr. Amit Bhalla	House No. 1071, Sector-15, Faridabad	Manav Rachna International Institute of Research & Studies (Trust)	Treasurer
			M.R. Education Trust	Chairman
			Navathan Educational Trust	Secretary
			Trinity Educational Trust	Chairman
			Divine Health & Educational Trust	Secretary
			Faridabad Navchetna Trust	Trustee
			Lala Madhu Ram Bhagwan Dass Charitable Society	Member
			Faridabad District Badminton Association	President
			Manav Rachna Vidyantariksha Pvt. Ltd.	Director
			Prinku Landfin, Pvt. Ltd.	Director
			Technoplanet Labs Pvt. Ltd.	Director
			Hyfn Games Pvt. Ltd.	Director
			Manav Rachna Publishing House Pvt. Ltd.	Director
			Global Inspirations Pvt. Ltd.	Director
			Gyandarshan Eduventures Pvt. Ltd.	Director
			GEF Publications Pvt. Ltd.	Director
			Keduventures Smart Services Pvt. Ltd.	Director
			ENECO Systems Limited	Director
			Manav Rachna Eduventure	Director
			CP Management & Facilities Pvt. Ltd.	Director
			Manav Rachna Infrabuild LLP	Director
			Tech. Plast India LLP	Director
			Manav Rachna Vidyantariksha Foundation	Trustee
4	Dr. M. M. Kathuria	House No. 2197, Sector-9, Faridabad	Manav Rachna International Institute of Research & Studies (Trust)	Trustee
			M.R. Education Trust	Treasurer
			Divine Health & Educational Trust	Trustee
			Knowledge Education Trust	Trustee
			Lala Madhu Ram Bhagwan Dass Charitable Society	Member
			Manav Rachna Vidyantariksha Foundation	Trustee
			Faridabad District Badminton Association	Member
			Dr. O. P. Bhalla Foundation	Trustee
5	Mrs. Satya Bhalla	House No. 1075, Sector-15, Faridabad	Manav Rachna International Institute of Research & Studies (Trust)	Trustee
			M.R. Education Trust	Trustee
			Lala Madhu Ram Bhagwan Dass Charitable Society	Member
			Dr. O. P. Bhalla Foundation	President
			Swarg Ashram Trust	Trustee

THE HARYANA PRIVATE UNIVERSITIES, 2006

(as amended upto 2nd May 2014)

AN

ACT

to provide for establishment and incorporation of private universities in the State of Haryana for imparting higher education and to regulate their functions and for matters connected therewith or incidental thereto

Short title, extent and commencement

1. (1) This Act may be called the Haryana Private Universities (Amendment) Act, 2014.
- (2) It extends to the whole of the State of Haryana
- (3) It shall come into force at once.

Definitions

2. In this Act and in all the Statutes, Ordinances and Regulations made hereunder, unless the context otherwise requires
 - (a) "All India Council for Technical Education" means All India Council for Technical Education established under the All India Council for Technical Education Act, 1987 (Central Act 52 of 1987);
 - (aa) 'Bar Council of India' means the Bar Council of India constituted under the Advocates Act, 1961 (Central Act 25 of 1961);*
 - (ab) 'campus' means that area of the university in which it is established;";*
 - (b) "Council of Scientific and Industrial Research" means the Council of Scientific and Industrial Research, New Delhi, an agency of the Central Government;
 - (c) "Department of Science and Technology" means the Department of Science and Technology of the Central Government;
 - (d) Omitted*
 - (e) Omitted*
 - (f) 'employee' means a person appointed by the university and includes a teacher, officer and any other staff of the university;*
 - (fa) 'existing private university' means a university which has been established under the Haryana Private Universities Act, 2006 (32 of

2006) before the notification of the Haryana Private Universities (Amendment) Act, 2012;*

- (fb) 'faculty' means a group of academic departments of similar disciplines;”;*
- (g) "fee" means collection made by the university from the students by whatever name it may be called, which is not refundable;
- (h) "Government" means the Government of the State of Haryana;
- (i) "higher education" means study of a curriculum or course for the pursuit of knowledge beyond 10+2 level;
- (j) 'hostel' means a place of residence of the students of the university;*
- (k) "Indian Council of Agriculture Research" means the Indian Council of Agriculture Research, a society registered under the Societies Registration Act, 1860 (Central Act 21 of 1860);
- (ka) 'Indian Nursing Council' means an autonomous body constituted under section 3 of the Indian Nursing Council Act, 1947 (48 of 1947);*
- (l) "Medical Council of India" means Medical Council of India, Delhi;
- (m) 'National Assessment and Accreditation Council' means National Assessment and Accreditation Council, Bangalore, an autonomous institution of the University Grants Commission;*
- (ma) 'National Board of Accreditation' means National Board of Accreditation, New Delhi, an autonomous body of All India Council for Technical Education;*
- (n) "National Council for Teacher Education" means the "National Council for Teacher Education, Delhi;”;*
- (na) "off-campus centre" means a centre of the university established by it outside the main campus but within the State of Haryana. operated and maintained as its constituent unit and having its complement of facilities, faculty and staff;+
- (nb) "off-shore campus" means a campus of the university established by it outside the country, operated and maintained as its constituent unit and having its complement of facilities. faculty and staff;+
- (o) and (p) omitted.*
- “(q) 'Pharmacy Council of India' means Pharmacy Council of India, Delhi;”;*
- (r) "prescribed" means prescribed by rules made under this Act;

- (s) "regulating body" means a body established by the Government of India for laying down norms and conditions for ensuring academic standards of higher education. such as University Grants Commission. All India Council for Technical Education. National Council for Teachers Education. Medical Council of India. Bar Council of India. Pharmacy Council of India. Indian Council of Agricultural Research. Indian Nursing Council. Council of Scientific and Industrial Research etc. and includes the Government or any such body constituted by the Government.+
- “(t) ‘Rules’ means the rules made by the Government under this Act;”;
- (u) “Schedule” means Schedule appended to this Act;
- (v) "sponsoring body" in relation to a university means-
- (i) a society registered under the Societies Registration Act, 1860 (Central Act 21 of 1860) ; or
 - (ii) any public trust; or
 - (iii) a company registered under section 25 of the Companies Act, 1956(Central Act 1 of 1956);
- (w) "Statutes", "Ordinances" and "Regulations" mean respectively, the Statutes, Ordinances and Regulations of the university made under this Act;
- (x) "student of the university" means a person enrolled in the university for taking a course of study for a degree, diploma or other academic distinction duly instituted by the university, including a research degree;
- (y) omitted;*
- “(z) ‘teacher’ means a Professor, Associate Professor, Assistant Professor or any other person required to impart education or guide research or render guidance in any other form to the students for pursuing a course or programme of study of the university;”.*
- (za) "university" means a university incorporated by law in India; and
- (zb) "University Grants Commission" means the University Grants Commission, established under the University Grants Commission Act, 1956 (Central Act 3 of 1956).

Objects of university.

3. Following shall be the objects of the university, namely: -

- (1) to provide instructions, teaching and training in higher education and make provisions for research, advancement and dissemination of knowledge;
 - (2) to create higher levels of intellectual abilities;
 - (3) to establish state of the art facilities for education and training;
 - (4) to carry out teaching and research and offer continuing education programmes;
 - (5) to create centres of excellence for research and development and for sharing knowledge and its application;
 - (6) to establish a campus;,*
 - (7) omitted;*
 - (8) to institute degrees, diplomas, certificates and other academic distinctions on the basis of examination, or any such other method; “
 - (9) to maintain the academic standard of degrees, diplomas, certificates and other academic distinctions as per bye-laws and to ensure that the same are not lower than those laid down by the regulating body;”*
 - (10) to setup off - campus centre within the State of Haryana after obtaining approval from the University Grants Commission;+
 - (11) to open off-shore campus in foreign countries after obtaining due permission from the University Grants Commission. the Government. the Government of India and also from the Government of the host country .+
- Clauses (12) has been omitted* +
- (13) to pursue any other objective as may be approved by the Government.

(3A) Conditions for setting up off-campus centre.- +

- (1) The university shall be allowed to set up only one off campus centre within the State of Haryana on fulfillment of the following conditions. namely:-
 - (a) it has completed five years of establishment;
 - (b) it has been accredited "A" grade by National Assessment and Accredited Council;
 - (c) it has never violated the conditions of Letter of Intent and the provisions of the Act;

- (d) it has obtained the approval from the University Grants Commission; and
- (e) it has in its possession the land as described below:-
 - (i) three acres of land by way of ownership or lease of thirty years. if the university intends to set up offcampus centre in a Municipal Corporation;
 - (ii) four acres of land by way of ownership or lease of thirty years. if the university intends to set up offcampus centre in a Municipal Committee
 - (iii) five acres of land by way of ownership or lease of thirty years. if the university intends to set up off campus centre in a rural area.
- (2) The off-campus centre shall be totally administered by the university and no franchise for its running shall be allowed.
- (3) The off-campus centre shall have adequate buildings. other infrastructure facilities and staff as per the norms and standards prescribed by the University Grants Commission and other regulatory bodies. Such facilities shall be proportionate to the size and activities of the off-campus centre.
- (4) The university shall furnish adequate financial guarantee as per the rules framed or as decided by the Government from time to time."

Submission of proposal for establishment of university and its evaluation.

4. (1) An application containing the proposal and the project report to establish a university by a private sector shall be made by the sponsoring body to the Government, along with such fee, as may be prescribed. At the time of submission of application the sponsoring body shall fulfill the condition regarding possession of land as per provision laid down in section 9.#

Provided that the university excluding existing private university shall offer minimum three faculties at its commencement and shall provide instructions upto the level of Ph.D. in a period of three years in any of the three faculties in which it is imparting degree i.e. Humanities, Languages, Medicines, Commerce, Science, Engineering, Information Technology, Law, Agriculture and Allied Sciences, Management (Business, Hotel,

Hospitality, Tourism etc.), Bio-Tech, Media and Mass Communication etc. with due permission from the relevant regulating bodies:*

Provided further that if a sponsoring body intends to set up Health and Medical Sciences University, it shall not be mandatory to offer minimum three faculties.*

- (2) The project report shall contain the following particulars, namely: -
- (a) the details of the sponsoring body along with the copies of its registration certificate, constitution and bye-laws;
 - (b) the information regarding financial resources of the sponsoring body along with audited accounts for the last five years;
 - (c) the name, location and headquarters of the proposed university;
 - (d) the objectives of the university;
 - (e) the availability of land and details of buildings and infrastructure facilities, if already existing;
 - (f) availability of academic facilities including teaching and non teaching staff, if any, at the disposal of sponsoring body;
 - (g) the details of plans for campus development such as construction of buildings, development of structural amenities and infrastructure facilities and procurement of equipment etc. to be undertaken before the university starts functioning and phased programme for first five years;
 - (h) the phased outlays of capital expenditure proposed for the next five years and its sources of finance;
 - (i) the nature and the type of programmes of study and research proposed to be undertaken by the university and their relevance to the development goals and employment needs of the State and phasing of such programmes over the first five years with course-wise enrolment targets;
 - (j) the experience and expertise in the concerned disciplines at the command of the sponsoring body;
 - (k) the nature of facilities, courses of study and research proposed to be started;
 - (l) the estimated recurring expenditure, course- wise or activity-wise, sources of finance and estimated expenditure per student;
 - (m) the scheme for mobilizing resources and the cost of capital thereto and the manner of repayment to such sources;

- (n) the scheme for the generation of funds internally through the recovery of fee from students, revenues anticipated from consultancy services and other activities relating to the objects of the university and other anticipated incomes;
 - (o) the proposed fee structure with reference to the details of expenditure on unit cost and the extent of concessions or rebates in fee or free-ships and scholarships to the poor students from economically poor or socially backward families including Scheduled Castes, Other Backward Classes and handicapped students;
 - (p) the system proposed to be followed for selection of students for admission to the courses of study at the university;
 - (q) the system proposed to be followed for appointment of teachers and other employees in the university;
 - (r) omitted;*
 - (s) whether the university proposes to undertake some programmes related to local needs. If so, the nature of specialized teaching, training or research activities to be undertaken by the university so as to fulfil this objective;
 - (t) whether the university proposes to start some programmes for the benefit of farmers, women and industries . If so, details thereof may be given;
 - (u) details of play grounds and other facilities available or proposed to be created for games and sports and extra-curricular activities like National Cadet Corps, National Service Scheme, Scouts and Guides etc;
 - (v) the arrangements proposed to be made for academic auditing;
 - (w) justification regarding the necessity of establishment of the proposed university;
 - (x) commitment to follow the norms of the regulating bodies;
 - (y) such other details as the sponsoring body may like to give; and
 - (z) such other details as may be prescribed.
- (3) The Government, on receipt of the proposal and the project report for establishment of a university, shall constitute a committee consisting of such members as may be specified by it, out of whom at least one shall be an expert, to examine the proposal and the project report.

Explanation. - In this sub-section the expression “expert” means an academician of prominence in the respective field of higher education.

(4) The committee shall consider the proposal and the project report on the following grounds, namely:

(a) financial soundness and assets of the sponsoring body and its ability to set up the infrastructure of the proposed university, manner of generation of funds to be raised by the proposed university before its operations. The sponsoring body shall give the detailed information in this regard as per the format given in the bye-laws framed under this Act at the time of application;*

(b) back ground of the sponsoring body, that is to say, its expertise and experience in the field of education, its general reputation etc. and its commitment to follow the norms of the regulating bodies;

(c) potentiality of the courses proposed to be offered, that is to say whether the courses are able to develop the human resources as per the requirements of contemporary demands, and whether the courses have new features and include emerging branches of learning. –

(5) The committee, while considering the proposal and the project report under sub- section (4), may call for such other information from the sponsoring body as it thinks proper for the purpose.

(6) The committee shall submit its report to the Government within a period of six months from the date of its constitution:

Provided that while computing the period of six months, the period commencing from the date on which requisition for any information under sub-section (5) is issued and ending on the date on which requisite information is submitted to the committee shall be excluded.*

Issuance of letter of intent and compliance report.

5. (1) After the receipt of the report of the committee constituted under sub-section (3) of section 4, if the Government is satisfied that it is advisable to establish the university, it may issue a letter of intent and ask the sponsoring body to-

(i) establish an endowment fund in accordance with the provisions of section 11 ;

- (ii) construct a minimum of 10,000 square meters of covered area for administrative and academic purposes;
- (iii) provide all the relevant information relating to the first degree and post-graduate degree/diploma programme including the curriculum structure, contents, teaching and learning process, examination and evaluation system and the eligibility criteria for admission of students to the committee headed by Financial Commissioner and Principal Secretary to Government, Haryana, Education Department, Chandigarh in which Director, Higher Education, Haryana, Dean, Academic Affairs, Kurukshetra University, Kurukshetra and Dean, Academic Affairs, Maharshi Dayanand University, Rohtak shall be the members. On detailed examination of the information made available the committee shall inform the sponsoring body about any short comings in respect of conformity to relevant regulations for rectification. The university shall offer the programme only after necessary rectification and approval from the committee;
- (iv) purchase books and journals of at least ten lac rupees or as per the norms of regulating bodies, whichever is higher, and give an undertaking to invest, within the first three years, not less than fifty lac rupees or as per the norms of regulating bodies, whichever is higher, on books, journals, computers, library networking and other facilities so as to make the library facilities adequate for contemporary teaching and research;
- (v) purchase equipments, computers, furniture, other moveable and immoveable assets and infrastructure facilities (other than buildings, referred to in clause (ii) above) worth twenty lac rupees or as per the norms of regulating bodies, whichever is higher, and give an undertaking to procure within the first five years equipments, computers, furniture, other moveable and immoveable assets and infrastructure facilities (other than buildings, referred to in clause (ii) above) worth not less than one crore rupees or as per the norms of regulating bodies, whichever is higher;
- (vi) give undertaking to appoint at least one Professor, two Associate Professors and adequate number of Assistant Professors alongwith

necessary supporting staff in each department or discipline to be started by the university;*

- (vi-a) maintain objectivity, fairness and transparency in the recruitment of teachers of the proposed university with qualification not less than those prescribed by the University Grants Commission or other regulating bodies;*
- (vii) give undertaking to take up co-curricular activities like seminars, debates, quiz programmes and extra-curricular activities like games, sports, National Service Scheme, National Cadet Corps etc. for the benefit of students as per the norms laid down by the regulating bodies;
- (viii) give undertaking for establishment of provident fund and to take up welfare programmes for the employees of the university; and
- (ix) fulfill such other conditions and provide such other information as may be prescribed by University Grants Commission, All India Council for Technical Education or any other statutory body established by Central or State Government;
- (x) provide its commitment to prevent all types of ragging in the campus in accordance with the regulations prescribed by the University Grants Commission, Government norms and statutory provisions in this regard, if any.*

(2) The sponsoring body shall fulfill the requirements and conditions specified in sub-section (1) and shall report the compliance to the Government within a period of one year from the date of issue of the letter of intent. On receiving the compliance report, the Government shall appoint a committee consisting of such members, including the representative of the regulating bodies, as may be specified, to verify the compliance report. The committee shall submit its report to the Government within a period of one month from the date of its constitution specifying whether the sponsoring body has fulfilled the requirements and conditions as laid down in sub-section (1).

Provided that Government may further extend the term for a maximum period of one year not exceeding six months at a time if it is

satisfied that the sponsoring body has taken substantial steps towards setting up of the University.#

- (3) If the sponsoring body has failed to comply with the provisions of sub-section (2), its proposal submitted under section 4 shall stand rejected and the letter of intent issued under sub-section (1) of section 5 shall be deemed to have been withdrawn.

Establishment of university.

6. The Government, if satisfied, after considering the report submitted under sub-section (2) of section 5 that the sponsoring body has complied with the provisions of sub-section (1) of section 5, may, by an Act of the State Legislature, establish a private university with such name, location, jurisdiction and with such infrastructure as may be specified in the Schedule.

Incorporation of university.

7. Every university established by an Act of the State Legislature under section 6, shall be a body corporate by the name, as specified in the Act, and shall have perpetual succession and a common seal. It shall have the power to acquire and hold property both moveable and immoveable and to make contract, and shall sue, and be sued by the said name

University to be self-financed.

8. The university shall be self-financed and shall not be entitled to receive any grant or other financial assistance from the Government or any Board or Corporation owned or controlled by the Government.

Requirement of land.

9. No university shall be established unless the sponsoring body is in possession of -
- (i) a minimum of twenty acres of land outside the municipal limits ; or
 - (ii) a minimum of ten acres of land within the municipal limits.

Explanation: For the purposes of this section, “possession” means possession either by way of ownership or as a lessee having perpetual lease for a minimum period of thirty years.#

No power to affiliate any college or institution.

- (10) **Bar to affiliation and opening off shore campus etc.-**

- (1) The university shall not admit any college or institution to the privilege of affiliation.
- (2) The university shall not open any study centre and examination centre in or out of the State of Haryana and shall not offer any programme through distance education mode.+
- (3) The university shall not offer any programme through distance education mode from off-campus centre or off-shore campus established under clauses (10) or (11) respectively of section' 3 of the Act.+

Endowment fund.

11. “(1) The sponsoring body shall establish an endowment fund for the university with a minimum amount of five crores rupees which shall be pledged in the form of Fixed Deposit Receipt in original in favour of the Higher Education Commissioner, Haryana, Panchkula.*

Note: The provisions of sub-section (1) shall not be applicable to the existing private university.*

(2) The endowment fund shall be used as a security deposit to ensure that the university complies with the provisions of this Act, Statutes, Ordinances, Rules and Bye-laws. The Government shall have the power to forfeit the whole or part of fund in case the university or the sponsoring body contravenes any of the provisions of this Act, Statutes, Ordinances, bye-laws or Rules or use it for meeting the expenditure for academic and administrative purposes in case of dissolution in accordance with bye-laws .’.*

(3) Income from endowment fund may be utilized for the development of infrastructure of the university but shall not be utilized to meet out the recurring expenditure of the university.

(4) The amount of endowment fund shall be invested and kept invested until the dissolution of the university, in long term securities issued or guaranteed by the Government or deposited and kept deposited in an interest bearing personal deposit account in Government treasury.

(5) In case of investment in a long term security, the certificates of the security shall be kept in the safe custody of the Government and in case of deposit in the interest bearing personal deposit account in the Government treasury, the deposit shall be made with the condition that the amount shall not be withdrawn without the prior permission of the Government.

General fund.

12. Every university shall establish a fund, which shall be called the general fund to which the following shall be credited, namely:-
- (a) fees and other charges received by the university;
 - (b) any contributions made by the sponsoring body;
 - (c) any income received from consultancy and other work undertaken by the university in pursuance of its objectives;
 - (d) trusts, bequests, donations, endowments and any other grants; and
 - (e) all other sums received by the university.

Application of general fund.

13. The general fund shall be utilized for the following objects, namely:-
- (a) for the repayment of debts including interest charges thereto incurred by the university for the purposes of this Act, the Statutes, Ordinances, Regulations and Rules;
 - (b) for upkeep of the assets of the university;
 - (c) for the payment of the cost of audit of the funds established under sections 11 and 12;
 - (d) for meeting the expenses of any suit or proceedings to which the university is a party;
 - (e) for the payment of salaries and allowances of the officers and employees of the university and members of the teaching and research staff, and for payment of any provident fund contributions, gratuity and other benefits to any such officers and employees, and members of the teaching and research staff;
 - (f) for the payment of travelling and other allowances of the members of the Governing Body, the Board of Management, the Academic Council and other authorities so declared under the Statutes of the university and of the members of any committee appointed by any of the authorities or by the Chairperson of the sponsoring body or the Vice-Chancellor, as the case may be, of the university in pursuance of any provision of this Act, Statutes, Ordinances, Regulations or Rules;
 - (g) for the payment of fellowships, freeships, scholarships, assistantships and other awards to students belonging to economically weaker sections of the society or research associates or trainees, as the case

may be, or to any student otherwise eligible for such awards under the Statutes, Ordinances, Regulations or Rules;

- (h) for the payment of any expenses incurred by the university in carrying out the provisions of this Act, Statutes, Ordinances, Regulations or Rules;
- (i) for the payment of cost of capital, not exceeding the prevailing bank rate of interest, incurred by the sponsoring body for setting up the university and the investments made therefor;
- (j) for the payment of charges and expenditure relating to the consultancy work undertaken by the university in pursuance of the provisions of this Act, Statutes, Ordinances, Regulations or Rules; and
- (k) for the payment of any other expenses including service fee payable to any organization charged with the responsibility of providing any specific service, including the managerial services to the university, on behalf of the sponsoring body, as approved by the Board of Management to be an expense for the purposes of the university:

Provided that no expenditure shall be incurred by the university in excess of the limits for total recurring expenditure and total non-recurring expenditure for the year, as may be fixed by the Board of Management, without the prior approval of the Board of Management:

Provided further that the general fund shall, for the objects specified under clause (a), be applied with the prior approval of the Governing Body of the university.

Officers.

14. The following shall be the officers of the university, namely:-

- (1) the Visitor;
- (2) the Chancellor;
- (3) the Vice-Chancellor;
- (4) the Registrar;
- (4A) the Controller of Examinations;*
- (5) the Chief Finance and Accounts Officer;
- (6) such other officers as may be declared by the Statutes to be the officers of the university.

Powers of Visitor.

15. (1) The Governor of Haryana shall be the Visitor of the university.
- (2) The Visitor shall have the following powers, namely:-
- (a) when present, he shall preside over the convocation of the university for conferring degrees and diplomas ;
 - (b) to call for any paper or information relating to the affairs of the university; and
 - (c) on the basis of the information received under clause (b), if he is satisfied that any order, proceeding, or decision taken by any authority of the university is not in conformity with the provisions of this Act, Statutes, Ordinances, Regulations or Rules, he may issue such directions as he may deem fit in the interest of the university and the directions so issued shall be complied with by the university

Appointment, functions and powers of Chancellor.

16. (1) The Chancellor shall be appointed by the sponsoring body for a period of three years with the approval of the Visitor by following such procedure and on such terms and conditions as may be prescribed.
- (2) The Chancellor shall be the head of the university.
- (3) The Chancellor shall preside over the meetings of the Governing Body and shall, when the Visitor is not present, preside over the convocation of the university for conferring degrees, diplomas or other academic distinctions.
- (4) The Chancellor shall have the following powers, namely:-
- (a) to call for any information or record;
 - (b) to appoint the Vice-Chancellor;
 - (c) to remove the Vice-Chancellor in accordance with the provisions of sub-section (7) of section 17; and
 - (d) such other powers as may be specified by the Statutes.

Appointment, functions and powers of Vice-Chancellor.

17. (1)+ The Vice-Chancellor shall be appointed by the Chancellor as per the qualifications prescribed by the University Grants Commission subject to the provisions contained in sub-section (7) and shall hold office for a term of three years:

Provided that after expiry of the term of three years, the Vice-Chancellor shall be eligible for re-appointment for another term of three years:

Provided further that the Chancellor may further extend the term for another three years if the Vice-Chancellor has contributed significantly to raise the academic and research standards of the University:

Provided further that a Vice-Chancellor shall continue to hold the office even after the expiry of his term till the new Vice-Chancellor joins. However, in any case the period shall not exceed one year.

- (2) The Vice-Chancellor shall be the principal executive and academic officer of the university and shall exercise general superintendence and control over the affairs of the university and shall execute the decisions of various authorities of the university.
- (3) In the absence of both the Visitor and the Chancellor, the Vice-Chancellor shall preside over the convocation of the university.
- (4) If, in the opinion of the Vice-Chancellor, it is necessary to take immediate action on any matter for which powers are conferred on any other authority by or under this Act, he may take such action as he may deem necessary and shall at the earliest opportunity thereafter report his action to such officer or authority as would have in the ordinary course dealt with the matter:

Provided that if in the opinion of the concerned officer or authority such action should not have been taken by the Vice-Chancellor then such case shall be referred to the Chancellor, whose decision thereon shall be final:

Provided further that where any such action taken by the Vice-Chancellor affects any person in the service of the university, such person shall be entitled to prefer, within three months from the date on which such action is communicated to him, an appeal to the Board of Management and the Board of Management may confirm or modify or reverse the action taken by the Vice-Chancellor.

- (5) If, in the opinion of the Vice-Chancellor, any decision of any authority of the university is beyond the scope of the powers conferred by this

Act, Statutes, Ordinances, Regulations or Rules or is likely to be prejudicial to the interests of the university, he shall direct the concerned authority to revise its decision within fifteen days from the date of such direction and in case the authority refuses to revise such decision wholly or partly or fails to take any decision within fifteen days, then such matter shall be referred to the Chancellor and his decision thereon shall be final.

- (6) The Vice-Chancellor shall exercise such powers and perform such duties as may be specified by the Statutes or the Ordinances.
- (7) If, at any time upon representation made or otherwise and after making such inquiry as may be deemed necessary, the situation so warrants and if the continuance of the Vice-Chancellor is not in the interests of the university, the Chancellor may, by an order in writing stating the reasons therein, ask the Vice-Chancellor to relinquish his office from such date as may be specified in the order:

Provided that before taking an action under this sub-section, the Vice chancellor shall be given an opportunity of being heard.

Appointment, functions and powers of Registrar

18. (1) The appointment of the Registrar shall be made by the Chairperson of the sponsoring body in such manner, as may be specified by the Statutes. The Registrar shall possess the qualifications prescribed by the University Grants Commission.*
- (2) All contracts shall be signed and all documents and records shall be authenticated by the Registrar on behalf of the university.
- (3) The Registrar shall be the Member-Secretary of the Governing Body, Board of Management and Academic Council but shall not have a right to vote.
- (4) The Registrar shall exercise such other powers and perform such other duties as may be specified by the Statutes.

Appointment and functions of the Controller of Examinations.

- “18A. - (1) The Controller of Examination shall be whole time salaried officer of the university and shall be appointed by the Chancellor in accordance with the Statutes.

- (2) It shall be the duty of the Controller of Examinations,-
- (i) to conduct examinations in a disciplined and efficient manner;
 - (ii) to arrange for the setting of papers with strict regard to secrecy;
 - (iii) to arrange for the evaluation of answer-sheets in accordance with the planned time schedule for results;
 - (iv) to constantly review the system of examinations in order to enhance the level of impartiality and objectivity with a view to make it better instrument for assessing the attainments of students;
 - (v) to deal with any other matter connected with examinations which may, from time to time, be assigned to him by the Vice-Chancellor.”.*

Appointment, powers and duties of Chief Finance and Accounts Officer.

19. (1) The appointment of the Chief Finance and Accounts Officer shall be made by the Chancellor in such manner as may be specified by the Statutes.
- (2) The Chief Finance and Accounts Officer shall exercise such powers and perform such duties as may be specified by the Statutes.

Appointment, functions and powers of other officers.

20. (1) The university may appoint such other officers as may be necessary for its functioning.
- (2) The manner of appointment of other officers of the university and their powers and functions shall be such as may be specified by the Statutes.

Authorities.

21. The following shall be the authorities of the university, namely: -
- (1) the Governing Body;
 - (2) the Board of Management;
 - (3) the Academic Council; and
 - (4) such other authorities as may be declared by the Statutes to be the authorities of the university.

Constitution and powers of Governing Body.

22. (1) The Governing Body of the university shall consist of the following members, namely: -
- (a) the Chancellor;

- (b) the Vice-Chancellor;
 - (c) the Secretary to Government, Haryana, Higher Education Department or his nominee;
 - (d) five persons nominated by the sponsoring body out of whom two shall be eminent educationists;
 - (e) one expert of management or technology from outside the university, nominated by the Chancellor; and
 - (f) one expert of finance, nominated by the Chancellor.
- (2) The Governing Body shall be the supreme authority of the university. All the movable and immovable property of the university shall vest in the Governing Body. It shall have the following powers, namely:-
- (a) to provide general superintendence and directions and to control the functioning of the university by using all such powers as are provided by this Act, Statutes, Ordinances, Regulations or Rules;
 - (b) to review the decisions of other authorities of the university in case they are not in conformity with the provisions of this Act, Statutes, Ordinances, Regulations or Rules;
 - (c) to approve the budget and annual report of the university;
 - (d) to lay down the extensive policies to be followed by the university;
 - (e) to recommend to the sponsoring body for the dissolution of the university if a situation arises when there is no smooth functioning of the university in spite of best efforts; and
 - (f) such other powers as may be specified by the Statutes :
- Provided that the Secretary to Government, Haryana, Education Department or in his absence, Director, Higher Education shall be present in each meeting in which decisions on issues involving Government policies/ instructions are to be taken.
- (3) The Governing Body shall meet at least three times in a calendar year
 - (4) The quorum for meetings of the Governing Body shall be four.

Constitution, functions and powers of Board of Management.

23. (1) The Board of Management shall consist of the following members, namely :-
- (a) the Vice-Chancellor ;

- (b) the Secretary to Government, Haryana, Higher Education Department or his nominee,+
 - (c) two members of the Governing Body, nominated by the sponsoring body;
 - (d) three persons, who are not the members of the Governing Body, nominated by the sponsoring body;
 - (e) three persons from amongst the teachers, nominated by the sponsoring body; and
 - (f) two teachers, nominated by the Vice-Chancellor.
- (2) The Vice-Chancellor shall be the Chairperson of the Board of Management.
- (3) The powers and functions of the Board of Management shall be such as may be specified by the Statutes.
- (4) The Board of Management shall meet once in every two months.
- (5) The quorum for the meetings of the Board of Management shall be five:
- Provided that the Secretary to Government, Haryana, Education Department, or in his absence, Director, Higher Education, Haryana, shall be present in each meeting in which decisions on issues involving Government policies/instructions are to be taken.

Constitution and functions of Academic Council.

24. (1) The Academic Council shall consist of the Vice-Chancellor and such other members as may be specified by the Statutes.
- (2) The Vice-Chancellor shall be the Chairperson of the Academic Council.
- (3) The Academic Council shall be the principal academic body of the university and shall, subject to the provisions of this Act, Statutes, Ordinances, Regulations or Rules, co-ordinate and exercise general supervision over the academic policies of the university
- (4) The quorum for meetings of the Academic Council shall be such as may be specified by the Statutes.

Composition, constitution, powers and functions of other authorities.

25. The composition, constitution, powers and functions of other authorities of the university shall be such as may be specified by the Statutes.

Disqualification for membership of an authority or body.

26. A person shall be disqualified for being a member of any of the authorities or bodies of the university, if he-

- (a) is of unsound mind and stands so declared by a competent court;
- (b) is an undischarged insolvent;
- (c) has been convicted of any offence involving moral turpitude;
- (d) is conducting or engaging himself in private coaching classes; or
- (e) has been punished for indulging in or promoting unfair practice in the conduct of any examination, in any form, anywhere.

Vacancies not to invalidate proceedings of any authority or body of a university.

27. No act or proceeding of any authority or body of the university shall be invalid merely by reason of any vacancy or defect in the constitution thereof.

Filling up of emergent vacancy.

28. Any vacancy which may occur in the membership of the authorities or bodies of the university due to death, resignation or removal of a member or due to change of capacity in which he was appointed or nominated, shall be filled up as early as possible by the person or the body who had appointed or nominated such a member:

Provided that the person appointed or nominated as a member of an authority or body of the university on an emergent vacancy, shall remain a member of such authority or body only for the unexpired tenure of the member, in whose place he is appointed or nominated.

Committees.

29. The authorities or officers of the university may constitute such committees with such terms of reference as may be necessary for specific tasks to be performed by such committees. The constitution of such committees and their duties shall be such as may be specified by the Statutes.

First Statute.

30. (1) Subject to the provisions of this Act and the Rules, the First Statute of the university may provide for all or any of the following matters, namely:-

- (a) the constitution, powers and functions of the authorities and other bodies of the university, as may be constituted from time to time;

- (b) the terms and conditions of appointment of the Chancellor and the Vice-Chancellor and their powers and functions;
 - (c) the manner, terms and conditions of appointment of the Registrar and Chief Finance and Accounts Officer and their powers and functions;
 - (d) the manner, terms and conditions of appointment of other officers and teachers and their powers and functions;
 - (e) the terms and conditions of service of employees of the university;
 - (f) the procedure for arbitration in case of disputes between officers, teachers, employees and students;
 - (g) the conferment of honorary degrees or distinction which shall be subject to the prior approval of the Visitor;
 - (h) the provisions regarding exemption of students from payment of tuition fee and for awarding them scholarships and fellowships;
 - (i) provisions regarding the policy of admissions, including regulation of reservation of seats;
 - (j) provisions regarding fees to be charged from students; and
 - (k) provisions regarding number of seats in different courses.
- (2) The Governing Body shall prepare First Statute of the university and submit the same to the Government for its approval within a period of one month after incorporation of the university in the Schedule of the Act.*
 - (3) The Government shall consider the First Statute submitted by the university and if any modifications are deemed necessary, the same shall be conveyed to the university for sending the amended draft and if the amended draft is found in order, it shall give approval within a period of three months from the date of its receipt.*
 - (4) The university shall communicate its agreement to the First Statute as approved by the Government, and if it desires not to give effect to any or all of the modifications made by the Government under sub-section (3), it may give reasons thereof and after considering such reasons, the Government may or may not accept the suggestions made by the university.
 - (5) The Government shall publish the First Statute, as finally approved by it, in the Official Gazette.

Subsequent Statutes.

31. (1) Subject to the provisions of this Act and the Rules, the subsequent Statutes of the university may provide for all or any of the following matters, namely:-
- (a) creation of new authorities of the university;
 - (b) accounting policy and financial procedure;
 - (c) representation of teachers in the authorities of the university;
 - (d) creation of new departments and abolition or restructuring of an existing department;
 - (e) institution of medals and prizes;
 - (f) creation of posts and procedure for abolition of posts;
 - (g) revision of fees;
 - (h) alteration of the number of seats in different syllabi; and
 - (i) all other matters which under the provisions of this Act are to be specified by the Statutes.
- (2) The Statutes of the university other than the First Statute, shall be made by the Board of Management with the approval of the Governing Body.
- (3) The Statutes made under sub-section (2) shall be sent to the Government and the Government may approve them as such or, if it considers necessary, give suggestions for modifications in them within three months from the date of receipt of the Statutes.*
- (4) The Governing Body shall consider the modifications as suggested and return the Statutes to the Government with changes made therein or with its comments on the suggestions made by the Government.
- (5) The Government shall consider the changes or the comments of the Governing Body and shall approve the Statutes with or without modifications and then the Statutes as finally approved by the Government shall be published by Government in the Official Gazette.

First Ordinance.

32. (1) Subject to the provisions of this Act, the Statutes, the Regulations or the Rules, the First Ordinance may provide for all or any of the following matters, namely:-
- (a) the admission of students to the university and their enrolment as such;

- (b) the courses of study to be laid down for the degrees, diplomas and certificates of the university;
 - (c) the award of the degrees, diplomas, certificates and other academic distinctions, the minimum qualifications for the same and the means to be taken relating to the granting and obtaining of the same;
 - (d) the conditions for award of fellowships, scholarships, stipends, medals and prizes;
 - (e) the conduct of examinations, including the term of office and manner of appointment and the duties of examining bodies, examiners and moderators;
 - (f) fees to be charged for the various courses, examinations, degrees and diplomas of the university;
 - (g) the conditions of residence of the students of the university;
 - (h) provisions regarding disciplinary action against the students;
 - (i) the creation, composition and functions of any other body which is considered necessary for improving the academic life of the university;
 - (j) the manner of co-operation and collaboration with other universities and institutions of higher education;
 - (k) all other matters which by this Act or Statutes are required to be provided for by the Ordinances.
- (2) The First Ordinance of the university shall be made by the Vice-Chancellor which after being approved by the Board of Management, shall be submitted to the Government for its approval.
- (3) The Government shall consider the First Ordinance submitted by the Vice-Chancellor under sub-section (2) within a period of three months from the date of its receipt and shall either approve it or give suggestions for modifications therein.*
- (4) The Vice-Chancellor shall either modify the Ordinance incorporating the suggestions of the Government or give reasons for not incorporating any of the suggestions made by the Government and shall return the First Ordinance along with such reasons, if any, to the Government and on receipt of the same, the Government shall consider the comments of the Vice-Chancellor and shall approve the

First Ordinance of the university with or without such modifications, and then the First Ordinance, as approved by the Government shall be published by the Government in the Official Gazette.

Subsequent Ordinances.

33. (1) All Ordinances other than the First Ordinance shall be made by the Academic Council which after being approved by the Board of Management shall be submitted to the Government for its approval.
- (2) The Government shall consider the Ordinances submitted by the Academic Council under sub-section (1) within a period of three months from the date of their receipt and shall approve them or give suggestions for modifications therein.*
- (3) The Academic Council shall either modify the Ordinances incorporating the suggestions of the Government or give reasons for not incorporating any of the suggestions made by the Government and shall return the Ordinances along with such reasons, if any, to the Government and on receipt of the same, the Government shall consider the comments of the Academic Council and shall approve the Ordinances with or without modifications and then the Ordinances, as approved by the Government, shall be published by the Government in the Official Gazette.

Regulations

34. The authorities of the university may, subject to the prior approval of the Board of Management, make regulations, consistent with this Act, Statutes, Ordinances and Rules for the conduct of their business and that of the committees appointed by them.

34A. Authorisation to commence the course.

- (1) The university intending to start a new course or programme of study, shall intimate such intention to the Government, along- with an assessment report as prescribed under the bye-laws.
- (2) The Government shall specify the manner in which the university shall commence enrolment of students for such course or programme of study and shall give authorization to the university to start the course or programme of study and also approve the procedure thereof.

(3) The university shall not commence first enrolment of students without specific authorization of the Government. In no case, the application for authorization be kept pending beyond 120 days, whereafter it shall be deemed to have the concurrence of the Government to start the course or programme of study.*

34B. Power to cancel a course.- The Government may if it is satisfied that the university is not in a position to efficiently discharge the duties and obligations imposed, it may, after making such inquiry, as may be specified by bye-laws, cancel the permission to continue the course or programme of study.*

34C. Compulsory disclosure of information.- (1) Every university established under this Act shall publish before expiry of sixty days prior to the date of the commencement of admission to any of its courses or programme of study, a prospectus containing the following information, namely:—

- (a) each component of the fee, deposits and other charges payable by the students for pursuing a course or programme of study, and the other terms and conditions of such payment;
- (b) the percentage of tuition fee and other charges refundable to a student in case such student withdraws from university before or after completion of course or programme of study and the time within, and the manner, in which such refund shall be made;
- (c) the number of seats approved by the statutory authority in respect of each course or programme of study for the academic year for which admission is proposed to be made;
- (d) the conditions of eligibility for admission in a particular course or programme of study;
- (e) the educational qualifications specified by the university where no such qualifying standards have been specified by any regulating body;
- (f) the process of admission and selection of candidates, including all relevant information with regard to the details of test or examination for selecting such candidates for admission to each

course or programme of study and the amount of fee to be paid for the admission test;

- (g) details of the teaching faculty, including therein the educational qualifications, teaching experience and indicating therein whether such member is a regular faculty member or is a visiting member;
- (h) information with regard to physical and academic infrastructure and other facilities including hostel accommodation, library and hospital or industry wherein the practical training to be imparted to the students and in particular the facilities accessible by students on being admitted to the university;
- (i) broad outlines of the syllabus specified by the appropriate statutory authority or by the university, as the case may be, for every course or programme of study, including the teaching hours, practical sessions and other assignments;
- (j) all relevant instructions with regard to maintenance of discipline by students within or outside the campus, prohibition of ragging and consequences thereof for violating the provisions of any regulations in this regard made under the University Grants Commission Act, 1956 (Central Act 3 of 1956) or any other law for the time being in force.
- (k) any such other information which may be prescribed:

Provided that the university shall publish information referred to under this section on its website, and the attention of prospective students and the general public shall be drawn to such publication on the website through advertisements displayed prominently in the different newspapers and through other media.

- (2) Every university shall fix the price of each printed copy of the prospectus, not more than the reasonable cost of its publication, distribution or sale and its copy shall be sent to the Government for information. ”.*

Admissions.

- 35. (1) Admission in the university shall be made strictly on the basis of merit:

Provided that for the purpose of filling minority quota in the university established and administered by a minority community, the

zone of consideration for determination of merit shall be limited only to the students belonging to that minority community.

- (2) Merit for admission in the university may be determined either on the basis of marks or grade obtained in the qualifying examination and achievements in co-curricular and extra-curricular activities or on the basis of marks or grade obtained in the entrance test conducted at the state level either by an association of the universities conducting similar courses or by any agency of the State:

Provided that admission in professional and technical courses shall be made only through an entrance test.

- (3) A minimum of 25% seats for admissions in the university shall be reserved for students of the State of Haryana, out of which 10% seats shall be reserved for students belonging to Scheduled Castes of the State of Haryana.

Provided that in case of the universities having collaboration with reputed foreign or international universities or other institutions of other similar nature, the Government may relax the percentage of this reservation.~

Explanation: 'collaboration with reputed foreign or international universities' means and includes an agreement for collaboration in the areas like course structure, curriculum and faculty development, joint research programmes, student exchange programmes and admission through internationally or nationally recognized processes.~

Fee structure.

36. Fee structure. - (1) The university may, from time to time, prepare fee structure and shall send it for information to the Government, at least thirty days before the commencement of the academic session.
- (2) The fee structure for the twenty-five per cent of the students who are domicile of Haryana shall be based on merit-cum-means and be as follows:-
- (i) one-fifth of the twenty-five per cent shall be granted full fee concession;

(ii) two-fifth of the twenty-five per cent shall be granted fifty per cent fee concession;

(iii) the balance two-fifth of the twenty-five per cent shall be granted twenty-five per cent fee concession.*

Provided that in case of the universities having collaboration with reputed foreign or international universities or other institutions of other similar nature, the Government may approve different percentage of students eligible for 100%, 50% or 25% fee concession.~

(3) The university shall not charge any fee, by what ever name called, other than that prescribed as per sub-sections (1) and (2) above.

Examinations.

37. At the beginning of each academic session and in any case not later than the 30th of August of every calendar year, the university shall prepare and publish a semester wise or annual, as the case may be, Schedule of examinations for each and every course conducted by it and shall strictly adhere to the Schedule.

Explanation.- "Schedule of Examination" means a table giving details about the time, day and date of the commencement of each paper which is a part of a scheme of examinations and shall also include the details about the practical examinations:

Provided that if, for any reason whatsoever, the university has been unable to follow the Schedule, it shall, as soon as may be practicable, submit a report to the Government incorporating the detailed reasons for making a departure from the published Schedule. The Government may, on considering the report shall issue such directions to the university as it may deem fit.

Declaration of results.

38. (1) The university shall strive to declare the results of every examination conducted by it within a period of thirty days from the last date of the examination for that particular course and shall in any case declare the results latest within a period of forty-five days from such date:

Provided that if, for any reason whatsoever, the university is unable to finally declare the results of any examination within the aforesaid period of forty-five days, it shall submit a report

incorporating the detailed reasons for such delay to the Government. The Government may, on considering the report shall issue such directions to the university as it may deem fit.

- (2) No examination or the results of an examination shall be held invalid only for the reasons that the university has not followed the Schedule as stipulated in section 37 or, as the case may be, in this section.

Convocation.

39. The convocation of the university shall be held in every academic year in the manner as may be specified by the Statutes for conferring degrees, diplomas or for any other purpose.

Accreditation of university.

40. The university shall obtain accreditation from the National Assessment and Accreditation Council, Bangalore or **National Board of Accreditation** within five years of its establishment and inform the Government and such other regulatory bodies which are connected with the courses taken up by the university about the grade provided by the said accrediting bodies to the university. The university shall get renewed such accreditation at an interval of every five years thereafter or as per norms of the concerned accrediting bodies.*

University to follow rules, regulations, norms etc. of regulating bodies.

41. Notwithstanding anything contained in this Act, the university shall be bound to comply with all the rules, regulations, norms etc. of the regulating bodies and provide all such facilities and assistance to such bodies as are required by them to discharge their duties and carry out their functions.

Annual report.

42. (1) The annual report of the university shall be prepared by the Board of Management which shall include among other matters, the steps taken by the university towards the fulfilment of its objects and shall be approved by the Governing Body and a copy of the same shall be submitted to the sponsoring body.
- (2) Copies of the annual report prepared under sub-section (1) shall also be presented to the Visitor and the Government.

Annual accounts and audit.

43. (1) The annual accounts including balance sheet of the university shall be prepared under the directions of the Board of Management and the annual accounts shall be audited at least once in every year by the auditors appointed by the university for this purpose.
- (2) A copy of the annual accounts together with the audit report shall be submitted to the Governing Body.
- (3) A copy of the annual accounts and audit report along with the observations of the Governing Body shall be submitted to the sponsoring body.
- (4) Copies of annual accounts and balance sheet prepared under sub-section (1) shall also be presented to the Visitor and the Government. The advice of the Government or the Visitor, if any, arising out of the accounts and audit report of the university shall be placed before the Governing Body. The Governing Body shall issue such directions, as it may deem fit, and compliance shall be reported to the Visitor or the Government, as the case may be.

Powers of Government to inspect university and academic and administrative audit

44. (1) The Government may cause an assessment to be made, in such manner, as may be prescribed, for the purpose of ascertaining the standards of teaching, examination and research or any other matter relating to the university.*
- (2) The Government for ascertaining and ensuring quality at different levels of higher education in a university and for its continued sustenance shall conduct annual academic and administrative audit through Higher Education Department, Haryana or any other body or persons authorized by it, which shall scrutinize whether the university is complying with and functioning in accordance with the provisions of this Act, Statutes, Ordinances, Rules, bye-laws, instructions and the conditions of the Letter of Intent.*
- (3) Such persons or body shall give their report within three months to the Government with specific recommendations and deficiencies, if found. The Government shall consider the report and issue a show cause notice of thirty days to the Chancellor as to why action should not be initiated against the university for the deficiencies noticed.*

- (4) After considering the reply to the show cause notice, the Government shall have the power to impose penalty under the Act.*

Penalties

44A. The following penalties may be imposed upon the university for maladministration, misinformation and for not maintaining standards, namely:-

- (i) stopping of admissions in one or more faculties;
- (ii) financial penalty of a minimum of ten lakhs and maximum of one crore;
- (iii) dissolution of the university in a phased manner:

Provided that no such penalty shall be imposed unless the university has been given a show cause notice.*

Dissolution of university on recommendations of sponsoring body.

45.(1) The sponsoring body may recommend to the Government to dissolve the university by giving a notice to this effect in the manner as may be prescribed to the employees and the students of the university at least one year in advance:

Provided that dissolution of the university shall have effect only after the last batch of the students of the regular courses have completed their courses and have been awarded degrees, diplomas or awards, as the case may be:

Provided further that such dissolution of the university shall not have any adverse effect on the validity of degrees, diplomas or awards conferred on the students.

(2) On the dissolution of the university, all the assets and liabilities of the university shall vest in the sponsoring body.

Special powers of Government in certain circumstances.

46. (1) If it appears to the Government that the university has contravened any of the provisions of this Act, Statutes, Ordinances, or Rules or has violated any of the directions issued by it under this Act or has ceased to carry out any of the requirements and conditions as laid down under sub-section (1) of section 5 or is involved in financial mismanagement or mal-administration, it shall issue a notice requiring the university to

show cause within a period of forty-five days as to why the university should not be dissolved by an Act of State Legislature.

- (2) If the Government, on receipt of reply of the university on the notice issued under sub-section (1), is satisfied that there is a prima facie case of contravening all or any of the provisions of this Act, Statutes, Ordinances or Rules or of violating directions issued by it under this Act or of ceasing to carry out the requirements and conditions as laid down under sub-section (1) of section 5 or is involved in financial mismanagement or maladministration, it shall make an order of such enquiry as it may consider necessary.
- (3) The Government shall, for the purposes of any enquiry under sub-section (2), appoint an inquiry officer or officers to inquire into any of the allegations and to report thereon.
- (4) The inquiry officer or officers appointed under sub-section (3) shall have the same powers as are vested in a civil court under the Code of Civil Procedure, 1908 (Act 5 of 1908), while trying a suit in respect of the following matters, namely:-
 - (a) summoning and enforcing the attendance of any person and examining him on oath;
 - (b) requiring the discovery and production of any such document or any other material as may be predicable in evidence;
 - (c) requisitioning any public record from any court or office; and
 - (d) any other matter which may be prescribed.
- (5) The inquiry officer or officers inquiring under this Act shall be deemed to be a civil court for the purposes of section 195 and Chapter XXVI of the Code of Criminal Procedure, 1973 (Act 2 of 1974).
- (6) On receipt of the enquiry report from the officer or officers appointed under sub-section (3), if the Government is satisfied that the university has contravened all or any of the provisions of this Act, Statutes, Ordinances or Rules or has violated any of the directions issued by it under this Act or has ceased to carry out the requirements and conditions under sub-section (1) of section 5 or a situation of financial mismanagement and maladministration has arisen in the university which threatens the academic standard of the university, it shall dissolve the authorities of the university and appoint an administrator.

- (7) The administrator appointed under sub-section (6) shall have all the powers and shall be subject to all the duties of the Governing Body and the Board of Management under this Act and shall administer the affairs of the university until the last batch of the students of the regular courses have completed their courses and have been awarded degrees, diplomas or awards, as the case may be.
- (7A) The administrator shall meet day to day expenses from the income/assets of the university. If the same are not sufficient, then the administrator with the prior approval of the Government shall have the powers to dispose of the properties and assets of the university.*
- (8) After having been awarded the degrees, diplomas or awards, as the case may be, to the last batch of the students of the regular courses, the administrator shall make a report to this effect to the Government.
- (9) On receipt of the report under sub-section (8), the Government shall make an amendment in the Schedule under section 6 by omitting concerned university therefrom and from the date of such amendment, all the assets and liabilities of the university shall vest in the sponsoring body:*

Provided that the degrees, diplomas or awards granted under sub-section (8) shall not be invalid merely on the ground that the university has been dissolved.

Power to make rules.

47. (1) The Government may, by notification in the Official Gazette, make rules for carrying out the purposes of this Act.
- (2) Without prejudice to the generality of the foregoing power, such rules may provide for all or any of the following matters, namely:-
- (a) the manner of making proposal to establish a university and the fee payable under sub-section (1) of section 4;
 - (b) other particulars to be contained in the project report under sub-section (2) of section 4;
 - (c) the manner of forfeiting the endowment fund in case of contravention of the provisions of this Act, Statutes, Ordinances, Regulations or Rules under sub-section (2) of section 11;

- (d) the manner, terms and conditions of appointment of the Chancellor under sub-section (1) of section 16;
- (e) the manner for making recommendation for dissolution of university under sub-section (1) of section 45;
- (f) matter to be prescribed under clause (d) of sub-section (4) of section 46; and
- (g) any other matter which is required to be or may be prescribed by rules under this Act.

(3) Every rule made under this Act shall be laid, as soon as may be, after it is made, before the House of the State Legislature, while it is in session, if the House agrees in making any modification in the rule or the House agrees that the rule should not be made, the rule shall thereafter have effect only in such modified form or be of no effect, as the case may be; so, however, that any such modification or annulment shall be without prejudice to the validity of anything previously done under that rule.

Power to make bye-laws

47A.- The Government may, by notification in the Official Gazette, make bye-laws for carrying out the purposes of this Act.*

Power to remove difficulties.

48. (1) If any difficulty arises in giving effect to the provisions of this Act, the Government may, by order published in the Official Gazette, make provisions, not inconsistent with the provisions of this Act, as appear to it to be necessary or expedient for removing the difficulty.

(2) Every order made under this section shall, as soon as may be after it is made, be laid before the House of the State Legislature.

Act to have overriding effect.

49. The provisions of this Act and the Statutes, Ordinances, Regulations and the Rules shall have effect notwithstanding anything to the contrary contained in any other law, for the time being in force, made by the State Legislature relating to the universities.

**SCHEDULE
(see section 6)**

Sr. No.	Name of the Universities
1	O.P. Jindal Global University, Village Jagdishpur, Sonapat`

2	ITM University, Sector-23-A, Gurgaon**
3	Amity University, Village-Gwalior, Panchgaon (Near Manesar), District Gurgaon#
4	Apeejay Styra University, Village Silani, Tehsil Sohna, District Gurgaon#
5	Maharishi Markandeshwar University, Village-Sadopur, Ambala.^
6	NIILM University, Kaithal^^
7	Baba Mast Nath University, Rohtak*
8	M.V.N. University, Palwal*
9	Ansai University, Gurgaon*
10	Shree Guru Govind Singh Tricentenary University at Village Budhera, Distt Gurgaon**
11	Jagan Nath University Bahadurgarh **
12	G.D.Goenka University Sohna Road Gurgaon**
13	K.R.Manglam University, Sohna Road Gurgaon**
14	SRM University RGEN Sonapat. **
15	Ashoka University District Sonapat +
16	Al-Falah University District Faridabad+
17	BML Munjal University District Gurgaon+

~ Amended vide Haryana Act No. 4 of 2009, assented to by the Governor of Haryana on 12th March 2009, published in the Haryana Gazette on 17th March 2009.

` Amended vide Haryana Act No. 11 of 2009, assented to by the Governor of Haryana on 19th March 2009, published in the Haryana Gazette on 23rd March 2009.

** Amended vide Haryana Act No. 25 of 2009, assented to by the Governor of Haryana on 28th August 2009, published in the Haryana Gazette on 21st October 2009.

Amended vide Haryana Act No. 10 of 2010, assented to by the Governor of Haryana on 11th April 2010, published in the Haryana Gazette on 26th April 2010.

^ Amended vide Haryana Act No. 29 of 2010, assented to by the Governor of Haryana on 28th October 2010, published in the Haryana Gazette on 29th October 2010.

^^ Amended vide Haryana Act No. 16 of 2011, assented to by the Governor of Haryana on 20th September 2011, published in the Haryana Gazette on 27th September 2011.

* Amended vide Haryana Act No. 16 of 2012, assented to by the Governor of Haryana on 16th April 2012, published in the Haryana Gazette on 10th May 2012.

** Amended vide Haryana Act No. 8 of 2013, assented to by the Governor of Haryana on 11th April 2013, published in the Haryana Gazette on 3rd May 2013.

+ Amended vide Haryana Act No. 21 of 2014, assented to by the Governor of Haryana on 23rd April 2014, published in the Haryana Gazette on 2nd May 2014.

HARYANA GOVERNMENT
LAW AND LEGISLATIVE DEPARTMENT

Notification

The 6th August, 2014

No. Leg. 32/2014.—The following Act of the Legislature of the State of Haryana received the assent of the Governor of Haryana on the 23rd July, 2014, and is hereby published for general information :—

(HARYANA ACT NO. 26 OF 2014)

THE HARYANA PRIVATE UNIVERSITIES
(SECOND SHORT TITLE AMENDMENT) ACT, 2014

AN

ACT

further to amend the Haryana Private Universities Act, 2006.

Be it enacted by the Legislature of the State of Haryana in the Sixty-fifth Year of the Republic of India as follows:—

1. This Act may be called the Haryana Private Universities (Second Short title Amendment) Act, 2014.

2. In the Schedule to the Haryana Private Universities Act, 2006, after serial number 17 and entries thereagainst, the following serial number and entries thereagainst shall be added, namely :—

Amendment of
Schedule to
Haryana Act 32
of 2006.

"18.	Manav Rachna University	- District Faridabad".
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AARADHNA SAWHNEY,
Special Secretary to Government Haryana,
Law and Legislative Department.

From

Director General Higher Education, Haryana,
Panchkula.

To

1. Registrar, Kurukshetra University, Kurukshetra.
2. Registrar, Maharshi Dayanand University, Rohtak.
3. Registrar, Chaudhary Devi Lal University, Sirsa.
4. Registrar, Bhagat Phool Singh Mahila Vishwavidyalaya Khanpur Kalan, Sonapat.
5. Registrar, Indira Gandhi University, Meerpur, Rewari.
6. Registrar, Chaudhary Ranbir Singh University, Jind.
7. Registrar, Chaudhary Bansi Lal University, Bhiwani.
8. Registrar, O.P. Jindal Global University, Narela Road, Village-Jagdishpur, Sonapat.
9. Registrar, ITM University, Sector-23-A, Gurgaon.
10. Registrar, Amity University, Village-Gwalior, Panchgaon (Near Manesar), District Gurgaon.
11. Registrar, Apeejay Stya University, Village Silani, Tehsil Sohna, Distt. Gurgaon.
12. Registrar, Maharishi Markandeshwar University, Village-Sadapur, Ambala.
13. Registrar, NIILM University, Main NH-65, Kaithal, Haryana.
14. Registrar, Baba Mast Nath University, Asthal Bohar, Rohtak, Haryana.
15. Registrar, M.V.N. University, Village-Aurangabad, Palwal, Haryana.
16. Registrar, Ansal University, Sector-55, Gurgaon, Haryana.
17. Registrar, Shree Guru Gobind Singh Tricentenary University at Village-Budhera, Distt. Gurgaon.
18. Registrar, Jagan Nath University, Bahadurgarh.
19. Registrar, G.D. Goenka University, Sohna Road, Gurgaon.
20. Registrar, K.R. Mangalam University, Sohna Road, Gurgaon.
21. Registrar, SRM University, RGEN, Sonapat (Haryana).
22. Registrar, Ashoka University, RGEN, Sonapat.
23. Registrar, Al-Falah University, Faridabad.
24. Registrar, BML University, Gurgaon.
25. Chairman, Uthan Educational Trust, 5E/I-A, Bungalow Plot, N.I.T., Faridabad-121001.

Memo No: 20/5-2013 UNP (5)
Dated, Panchkula, the -21.8.2014

Subject: - Establishment of Private University.

Kindly refer to the subject cited above.

Please find enclosed herewith a copy of notification dated 6.8.2014 regarding establishment of Manav Rachna University, Faridabad.

D.A- As stated above.

Umair
Deputy Director-VII
for Director General Higher Education,
Haryana, Panchkula
21/8

Endst. No. Even

Dated, Panchkula, The- 21.8.2014

A copy is forwarded to Chairman, University Grants Commission,
Bahadurshah Zafar Marg, New Delhi.

Umair
Deputy Director-VII
for Director General Higher Education,
Haryana, Panchkula
21/8

UNIVERSITY GRANTS COMMISSIONAppendix-VIII (A)**Information about the Programmes Permitted to be Offered by the Gazette Notification of the State Government:**

Sl. No.	Programme	Sanctioned Intake (2015)	Actual Enrollment (2015)	Sanctioned Intake (2016)	Actual Enrollment (2016)	Sanctioned Intake (2017)	Actual Enrollment (2017)
1	UG	675	160	615	377	1124	556
2	PG	114	16	174	32	121	38
3	Diploma						
4	PG Diploma						
5	Certificate Course						
6	M.Phil						
7	Ph.D	105	47	65	24	--	17
8	Any Other (Pl. Specify)						

UNIVERSITY GRANTS COMMISSION

Appendix-VIII (B)

Name of Courses & Approval of Government with Date:

Sl. No.	Name of the Programme	Approval of State given with Details
1	B.Tech-CSE	Approval of Department of Higher Education vide Memo No. KW20/5/2013 UNP (5) Dated 20/10/2014
2	B.Tech-IT	
3	B.Tech-ME	
4	B.Tech-ECE	
5	M.Tech-CE	
6	M.Tech-ME	
7	M.Tech-ECE	
8	BBA-Finance & Accounts	
9	BBA-Health Care Management	
10	BBA-Entrepreneurship & Family Business	
11	MBA-Real Estate Management	
12	MBA-Construction Management	
13	MBA-Sports Management	
14	MBA-Negotiation & Diplomacy	
15	MBA-Entrepreneurship & Family Business	
16	Ph.D	
17	B.Sc.(Hons.)-Physics, Chemistry & Maths	Memo No. KW 20/5/2013 UNP (5) Dated 17.07.2015
18	M.Sc.(Hons.)-Physics, Chemistry & Maths	Approval of Department of Higher Education vide Memo No. KW20/5/2013 UNP (5) Dated 31/12/2015. *(Started from the Academic Session 2017-18)
19	B.Ed*	
20	B.A./B.Sc.-B.Ed. (Integrated) *	
21	Integrated LLB (5 Years) ** B.A. LLB, BBA LLB & B.COM LLB	Approval of Department of Higher Education vide Memo No. KW20/5/2013 UNP (5) Dated 30/09/2016. *(Started from the Academic Session 2017-18)
22	M.A. in Education **	
23	B.Tech Industrial Engineering & Management	Memo No. 18/21-2017 UNP (5) Dated 05.06.2017

UNIVERSITY GRANTS COMMISSIONAppendix-IX

Sl. No.	Programme	Sanctioned Intake (2015)	Actual Enrollment (2015)	Sanctioned Intake (2016)	Actual Enrollment (2016)	Sanctioned Intake (2017)	Actual Enrollment (2017)
1	UG	675	160	615	377	1124	556
2	PG	114	16	174	32	121	38
3	Diploma						
4	PG Diploma						
5	Certificate Course						
6	M.Phil						
7	Ph.D	105	47	65	24	--	17
8	Any Other (Pl. Specify)						

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



APPROVAL PROCESS 2018-19

Letter of Approval (LoA)

F.No. North-West /2018-19/1-3638977431

Date: 30-Apr-2018

The Registrar
FACULTY OF ENGINEERING MANAV RACHNA UNIVERSITY

Sub: Letter of Approval 2018-19

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations, 2016 notified by the Council vide notification number F.No.AB/AICTE/REG/2016 dated 30/11/2016 and amended on December 5, 2017 and other notifications, as applicable and published from time to time, I am directed to convey the approval to

Permanent Id		Application Id	1-3638977431
Name of the Deemed to be / State Private University	FACULTY OF ENGINEERING MANAV RACHNA UNIVERSITY	Institution Address	SECTOR 43, SURAJKUND BADKHAL ROAD, FARIDABAD, FARIDABAD, FARIDABAD, Haryana, 121001
University Type	University Managed-Private	Region	North-West

To conduct following Courses with the Intake indicated below for the Academic Year 2018-19

Application Id : 1-3638977431						
Sr. No.	Program	Shift	Level	Course	Full/ Part time	Intake Approved for 2018-19
1	ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	COMPUTER SCIENCE & ENGINEERING	FT	240
2	ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	MECHANICAL ENGINEERING	FT	60
3	ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	COMPUTER ENGINEERING	FT	18
4	ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	MECHANICAL ENGINEERING	FT	18
5	ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	ELECTRONICS AND COMPUTER ENGINEERING	FT	30
6	ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	ELECTRONICS & COMMUNICATION ENGG (EMBEDDED SYSTEM AND VLSI)	FT	18

+FT –Full Time,PT-Part Time

The Deemed to be/ State Private University shall admit students upto 15th August 2018 and send information about commencement of the above courses to AICTE

The Institution shall fulfill the following general conditions:

1. The management shall provide adequate funds for development of land and related infrastructure, instructional and other facilities as per norms and standards laid down by the Council from time to time and for meeting recurring expenditure.
2. The Eligibility Criteria for admissions shall be made in accordance with the regulations notified by the Council in Approval Process Handbook.
3. The curriculum of the course, the procedure for evaluation / assessment of students may be in accordance with the Model Curriculum and Exam reforms prescribed by the AICTE from time to time.
4. The management of the Institution shall not discontinue any course(s) or start any new course(s) or alter intake capacity of seats without

the prior approval of the Council.

5. No excess admission shall be made by the Institution over and above the approved intake under any circumstances. In case any excess admission is reported to the Council, appropriate action as per the notified regulations shall be initiated against the Institution.
6. The Institution shall not have any collaborative arrangements with any other Indian and / or Foreign Universities for conduct of technical courses without obtaining prior approval from AICTE. In case any violation is reported to the Council, appropriate action as per the notified regulations shall be initiated against the Institution.
7. The Institution shall operate only from the approved location, and that the institution shall not open any off campus study centers / extension centers directly or in collaboration with any other institution / university / organization for the purpose of imparting technical education without obtaining prior approval from the AICTE. If found so, appropriate action as per the notified regulations shall be initiated against the Institution.
8. The accounts of the Institution shall be got audited annually by a certified Chartered Accountant by the institute and shall be open for inspection by the Council or persons authorized by it.
9. The Heads of Departments, the teaching and other staff shall be appointed in given time frame and selection shall be done according to procedures, qualifications and experience prescribed by the Council from time to time and pay scales shall be as per the norms prescribed by the UGC/AICTE from time to time.
10. The Institution shall publish an information booklet before commencement of the academic year giving details regarding the Institution and courses / programs being conducted, academic calendar, fees charged and details of infrastructural facilities including faculty etc. in the form of mandatory disclosure on the Institute Website. The information shall be revised every year with updated information about all aspects of the Institute.
11. If the Institution fails to disclose the information or suppresses and / or misrepresents the information, appropriate action as per the notified regulations shall be initiated against the Institution.
12. AICTE may also conduct inspections with or without notifying the dates to verify specific complaints, to verify adherence to AICTE norms & standards, and to verify any mis-representation, violation of norms & standards, mal-practices etc.
13. The Institution by virtue of the approval given by Council shall not automatically become claimant to any grant-in-aid from the Central or State Government.
14. In the event of a student / candidate cancelling the admission before the starting of the course, the wait listed candidates should be given admission against the vacant seats. The entire fee collected from the student, after a deduction of the processing fee of not more than Rs. 1000/- (Rupees one thousand only) shall be refunded to the student / candidate withdrawing from the program. It would not be permissible for the Institute to retain the School / Institution Leaving Certificates in original to force retention of admitted students and not to charge fees for the remaining period if a student cancels the admission at any point of time.
15. The Institution shall take appropriate measures for prevention of ragging in any form, in the light of AICTE regulation "Prevention and Prohibition of Ragging in Technical Institutions, Universities including Deemed to Universities imparting technical education" Regulation 2009 (F.No. 37-3/Legal/AICTE/2009 dated 01/07/2009). In case of failure to prevent the instances of ragging by the Institution, the Council shall take appropriate action as per the notified regulations.
16. Institution shall not conduct any UG/ PG/ Diploma Level Courses/ Programmes as mentioned in the Approval Process Hand Book through Distance Education/ ODL mode.

The Institution shall strictly follow further conditions as may be specified by the Council from time to time. The Council may withdraw the approval, in case it observes any violation of the above conditions and / or non-adherence to the norms and standards prescribed by the Council, mis-representation of facts and submitting factually incorrect information to it.

Prof. Alok Prakash Mittal
Member Secretary, AICTE

Copy to:

1. **The Regional Officer,**
All India Council for Technical Education
Plot No. 1A, 5th Floor, DTE(Pb..) Building,
Dakshin Mark, Sector 36-A, Chandigarh-160 036
2. **The Principal Secretary**

The Financial Commissioner & Principal Secretary
(Technical) Govt. of Haryana,
Room No. 503/5,
Sector -17 New Secretariat,
Chandigarh-160017

3. Guard File(AICTE)

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

** Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

TO BE PUBLISHED IN GAZETTE OF INDIA PART -III, SECTION 4

File No.-NRC/NCTE/NRCAPP-10196/257th/Meeting/2016 | 159 545

Dated:-

RECOGNITION ORDER

4 OCT 2016

WHEREAS in terms of section 14(1)/15(1) of the NCTE Act, 1993, the institution had submitted application to the Northern Regional Committee of NCTE for grant of recognition for Teacher Education Course.

2. AND WHEREAS on scrutiny/perusal, veracity of the facts & figures as per the application submitted by the institution, the documents attached therewith, the affidavit and the input received from the visiting team in the form of visiting team report including videography and also the reply submitted by the institution against letter of intent under clause 7(13) of the NCTE Regulations, 2014 (earlier 7(9) of the NCTE Regulations, 2009), the Northern Regional Committee in its 257th meeting held from 05th to 11th September, 2016 is satisfied that the institution/society fulfils the requirements under the provisions of NCTE Act, Rules and relevant Regulations including the Norms and Standards for the concerned Teacher Education Programme, such as, instructional facilities, infrastructural facilities, library, accommodation, financial resources, laboratory, etc. for running the programme and has selected/appointed duly qualified teaching staff as per NCTE norms.

3. NOW, THEREFORE, in exercise of the powers vested under Section 14(3)(a)/15(3)(a) of the NCTE Act, 1993, the Northern Regional Committee hereby grants recognition to the following Institution for conducting Teacher Education Course with an annual intake mentioned against its name from the academic session 2017-2018 under clause 7(16) of NCTE (Recognition Norms & Procedure) Regulations, 2014 subject to fulfilment of the conditions mentioned below :-

S. No	File No.	Name of the Institution	Course	Duration	Approved annual intake	Name of the Affiliating Body
1.	NRCAPP - 10196	Manav Rachna University, Plot No.- 0, Street No.- 0, Village - Nil Post Office- Nil, Tehsil / Taluka-Nil, Town/City- Faridabad, District- Faridabad-121001, State- Haryana.	B.Ed.	2 years	100 (2 unit)	Manav Rachna University, Sector -43, Surajkund Badkhal Road Faridabad, Haryana.

- The institution shall comply with various other norms and standards prescribed in the NCTE regulations, as amended from time to time.
- The institution shall make admissions only after it obtains affiliation from the examining body in terms of clause 8(10) of the NCTE (Recognition Norms & Procedure) Regulations, 2014.
- The institution shall comply with the condition as laid down in clause 8(3) of the NCTE Regulations, 2014 which provides that "An institution which has been recognized by the Council shall obtain accreditation from an accrediting agency approved by the Council within five years of such recognition."

- (iv) The institution shall ensure that the required number of academic staff for conducting the course is always in position.
- (v) As per provisions of the NCTE Regulations, 2014, the following norms have been prescribed for staff/ qualifications/administrative and professional staff/terms and conditions of service etc

NORMS AND STANDARDS FOR BACHELOR OF EDUCATION PROGRAMME LEADING TO THE BACHELOR OF EDUCATION (B.ED.) DEGREE – Regarding Staff

5.1 Academic Faculty

For an intake of two basic units of 50 students each, that is total students strength of 200, there shall 16 full-time faculty members.

The distribution of faculty across different curricular areas shall be as under:

1. Principal / HOD		One
2. Perspectives in Education	Four	
3. Pedagogy subjects (Maths, Science, Social Science, Language)		Eight
4. Health and Physical Education		One
5. Fine Arts		One
6. Performing Arts (Music/Dance/Theatre)		One

Note: (i) The faculty positions listed under different subject categories may teach course(s) in the Teacher Education Programme across curricular areas specified, and can cater to both foundation and pedagogy course(s). If the students strength for two years is one hundred (with one basic unit) only, the number of faculty shall be reduced to 8.

(ii) Faculty can be utilized teaching in flexible manner so as to optimize academic expertise available.

5.2 Qualifications

The faculty shall possess the following qualifications:

A. Principal / HOD

- (i) Postgraduate degree in Arts / Sciences / Social Sciences / Humanities/Commerce with minimum 55% marks; and
- (ii) M.Ed. with minimum 55% marks; and
- (iii) Ph.D in Education or in any pedagogic subject offered in the institutions; and
- (iv) Eight years of teaching experience in a secondary Teacher Education Institution.

Desirable : Diploma/Degree in Education Administration or Educational Leadership.

B. Perspectives in Education or Foundation Courses

- (i) Postgraduate degree in Social Sciences with minimum 55% marks; and
- (ii) M.Ed. degree from a recognized university with minimum 55% marks.

OR

- (i) Postgraduate (MA) degree in Education with minimum 55% marks; and
- (ii) B.Ed./B.El.Ed. degree with minimum 55% marks.

C. Curriculum and Pedagogic Courses

- (i) Postgraduate degree in Sciences / Mathematics /Social Sciences/Languages with minimum 55% marks; and
- (ii) M.Ed. degree minimum 55% marks

Desirable : PhD degree in Education with subject specialisations.

[Note: In case of B and C put together, for two faculty positions, a postgraduate degree in Sociology/Psychology/Philosophy with 55% marks, and B.Ed. /B.El.Ed. with 55% marks and three years of teaching experience in a secondary school shall be considered].

D. Specialised Courses Physical Education

- (i) Master of Physical Education (M.P.Ed.) with minimum 55% marks. (Training/qualification in yogs education shall be desirable)

Visual Arts

- (i) Post graduate degree in Fine Arts (MFA) with minimum 55% marks

Performing Arts.

- (i) Post graduate degree in Music/Dance/Theatre Arts with minimum 55% marks.

5.3 Administrative and Professional Staff

- | | |
|--|-----|
| (a) Librarian (B.Lib. with 55% marks) | One |
| (b) Lab Assistant (BCA with 55% marks) | One |
| (c) Office-cum-Account Assistant | One |
| (d) Office Assistant-cum Computer Operator | One |
| (e) Store-Keeper | One |
| (f) Technical Assistant | One |
| (g) Lab Attendants/Helpers/Support Staff | Two |

Qualifications

As prescribed by State Government /UT Administration Concerned.

Note : In a composite institution, the Principal and academic, administrative and technical staff can be shared. There shall be one Principal, and others may be termed as HoDs.

5.4 Terms and conditions Service

The terms and conditions of service of teaching and non-teaching staff including selection procedure, pay scales, age of superannuation and other benefits shall be as per the policy of the State Government/Affiliating body.

- (vi) As Per decision of NRC taken in 257th meeting held from 05 to 11th September, 2016 the institution shall ensure that it has become a composite institution before the commencement of the academic session 2017-18

4. Further, the recognition is subject to fulfilment of all such other requirements as may be prescribed by other regulatory bodies like UGC, affiliating University/ Body, the State Government etc. as applicable. The affiliating body (University/State Govt.) shall also be required to verify the authenticity of the land & building documents as well as appointment of requisite teaching & non-teaching staff as per provisions of the NCTE Regulations, 2014 by the concerned institution before grant of affiliation to an institution.

5. The institution shall submit to the Regional Committee a Self-Appraisal Report at the end of each academic year along with the statement of annual accounts duly audited by a Chartered Accountant.

6. The institution shall maintain & update its Web-site as per provisions of NCTE Regulations and always display following as mandatory disclosure:-


- (i) Copy of the Application Form
- (ii) Land and Building Particulars
- (iii) Staff Profile
- (iv) Recognition letter
- (v) Information for having fulfilled the norms & standard and other required conditions.

7. In case if the land is in the name of the Society/trust, the land is to be transferred within six months in the name of the institution, failing which action shall be initiated to withdraw the recognition. It shall be essential on the part of the institution concerned to get the needful done in this regard and intimate about the same to the respective Regional Committee along with the new land documents within the stipulated time.

8. If the institution contravenes any of the above conditions or the provisions of the NCTE Act, Rules, Regulations and Orders made or issued there under, the Regional Committee shall withdraw the recognition as under the provisions of Section 17(1) of the NCTE Act.

9. Further, if the institution is not satisfied with the order, it may prefer an appeal under sections 18 of NCTE Act, 1993 in the "online mode" available on NCTE's website www.ncte.india.org within 60 days from the date of this order. The guidelines for filing appeal may be seen on NCTE's website.

By Order,


(Dr. I. K. Mansoori)
Regional Director

To,

The Manager to Govt. of India,
Department of Publications, (Gazette Section)
Civil Lines, Delhi – 110 054

Copy to:-

1.	The Registrar, Manav Rachna University, Plot No.-0, Street No.- 0, Village- Mewla Maharajpur, Post Office- Faridabad, Tehsil/Taluka-Faridabad, Town/City- Faridabad, District- Faridabad-121001, State- Haryana.	
2.	The Secretary/Manager, Uthan Educational Trust, Plot No.- 5-E-1-A, BP, Street/Road- Railway Road, Village/Town/City- Faridabad, Post Office- NH-5, Tehsil/Taluka- Faridabad, Town/City- Faridabad, District- Faridabad-121001, State- Haryana.	
3.	The Principal Secretary, Department of Higher Education, New Haryana Civil Secretariat, Sector-17-C, 5 th Floor, Room No-528, Chandigarh-160017.	with a request to ensure compliance of the terms & conditions as laid down above.
4.	The Registrar, Manav Rachna University, Sector -43, Surajkund Badkhal Road Faridabad, Haryana..	<i>with a request to ensure that admissions are made by the institution as per the size of unit intake mentioned in the recognition/permission order and compliance of other terms and conditions as laid down above.</i>
5.	The Secretary, Department of School Education and Literacy, Ministry of Human Resource Development, Govt. of India, Shastri Bhawan, New Delhi- 110001	
6.	The US (Computer), National Council for Teacher Education, Hans Bhawan Wing-II, I, Bahadur Shah Zafar Marg, New Delhi- 110 002.	
7.	Computer Section of NRC, NCTE, Jaipur to upload on NRC website.	
8.	Office order file/ Institution file.	


Regional Director

TO BE PUBLISHED IN GAZETTE OF INDIA PART -III, SECTION 4

File No.-NRC/NCTE/NRCAPP-10195/256th/Meeting/2016 /156767

Dated:-

12.9 AUG 2016

RECOGNITION ORDER

WHEREAS in terms of section 14(1)/15(1) of the NCTE Act, 1993, the institution had submitted application to the Northern Regional Committee of NCTE for grant of recognition for Teacher Education Course.

2. AND WHEREAS on scrutiny/perusal, veracity of the facts & figures as per the application submitted by the institution, the documents attached therewith, the affidavit and the input received from the visiting team in the form of visiting team report including videography and also the reply submitted by the institution against letter of intent under clause 7(13) of the NCTE Regulations, 2014 (earlier 7(9) of the NCTE Regulations, 2009), the Northern Regional Committee in its 256th meeting held from 22nd to 25th August, 2016 is satisfied that the institution/society fulfils the requirements under the provisions of NCTE Act, Rules and relevant Regulations including the Norms and Standards for the concerned Teacher Education Programme, such as, instructional facilities, infrastructural facilities, library, accommodation, financial resources, laboratory, etc. for running the programme and has selected/appointed duly qualified teaching staff as per NCTE norms.

3. NOW, THEREFORE, in exercise of the powers vested under Section 14(3)(a)/15(3)(a) of the NCTE Act, 1993, the Northern Regional Committee hereby grants recognition to the following Institution for conducting Teacher Education Course with an annual intake mentioned against its name from the academic session 2017-2018 under clause 7(16) of NCTE (Recognition Norms & Procedure) Regulations, 2014 subject to fulfilment of the conditions mentioned below :-

S. No	File No.	Name of the Institution	Course	Duration	Approved annual intake	Name of the Affiliating Body
1.	NRCAPP - 10195	Manav Rachna University, Plot No.-0, Street No.- 0, Village- Mewla Maharajpur, Post Office- Faridabad, Tehsil/Taluka-Faridabad, Town/City- Faridabad, District- Faridabad-121001, State- Haryana.	B.A.B.Ed./ B.Sc.B.Ed.	4 years	100 (2 unit)	Manav Rachna University, Sector -43, Surajkund Badkhal Road Faridabad, Haryana.

- The institution shall comply with various other norms and standards prescribed in the NCTE regulations, as amended from time to time.
- The institution shall make admissions only after it obtains affiliation from the examining body in terms of clause 8(10) of the NCTE (Recognition Norms & Procedure) Regulations, 2014.
- The institution shall comply with the condition as laid down in clause 8(3) of the NCTE Regulations, 2014 which provides that "An institution which has been recognized by the Council shall obtain accreditation from an accrediting agency approved by the Council within five years of such recognition."
- The institution shall ensure that the required number of academic staff for conducting the course is always in position.
- As per provisions of the NCTE Regulations, 2014, the following norms have been prescribed for staff/ qualifications/administrative and professional staff/terms and conditions of service etc

**NORMS AND STANDARDS FOR 4-YEAR INTEGRATED PROGRAMME LEADING TO B.SC.B.ED /
BA.B.ED DEGREE- REGARDING STAFF**

5.1 Academic Faculty

For an intake of one basic unit of 50 students, faculty shall be recruited for the following Curricular Areas, with the specified essential and desirable qualifications and specialisations. The number of full time faculty shall increase proportionately as per the norms indicated above. Additional faculty shall be appointed by the college/Institute subject to provisions that the faculty requirements for the curricular areas mentioned below are fulfilled.

For an intake of two basic units of 50 students each, there shall be 16 full-time faculty members. The distribution of faculty across different curricular areas shall be as under:

- | | | |
|----|---|-------|
| 1. | Principal/ HoD | One |
| 2. | Perspectives in Education | Four |
| 3. | Pedagogy subjects
(Maths. Science, Social Science, Language) | Eight |
| 4. | Health and Physical Education | One |
| 5. | Fine Arts | One |
| 6. | Performing Arts (Music/Dance/Theatre) | One |

- Note: i) The faculty positions listed under different subject categories may teach course(s) in the Teacher Education Programme across curricular areas specified, and can cater to both foundation and pedagogy course(s).
ii) Faculty can be utilised for teaching a B.Sc.B.Ed./B.A.B.Ed programme in flexible manner so as to optimize academic expertise available.

5.2 Qualifications

The faculty shall possess the following qualifications:

A. Principal/HoD

- (i) Postgraduate degree in Arts/Sciences/Social Sciences/ Humanities / Commerce with minimum 55% marks; and
- (ii) M.Ed. with minimum 55% marks; and
- (iii) Ph.D. in Education or in any pedagogic subject offered in the institution; and
- (iv) Eight years of teaching experience in a secondary Teacher Education Institution.

Desirable: Diploma/Degree in Educational Administration/Leadership.

B. Perspectives in Education or Foundation Courses

- (i) Postgraduate degree in Social Sciences with minimum 55% marks; and
 - (ii) M.Ed. degree from a recognised university with minimum 55% marks.
- OR
- (ii) Postgraduate (MA) degree in Education with minimum 55% marks; and
B.Ed. degree with minimum 55% marks.

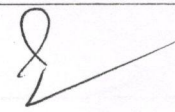
C. Curriculum and Pedagogic Courses

- (i) Postgraduate degree in Sciences/ Mathematics/ Social Sciences/ Languages with minimum 55% marks, and
- (ii) M.Ed. degree with minimum 55% marks.

Desirable : PhD in Education with pedagogic specialisation.

[Note: In case of B and C put together, for two faculty positions, a postgraduate degree in Sociology/Psychology/Philosophy with 55% marks and B.Ed./BEIEd with 55 % marks and three years of teaching experience in a secondary school shall be considered.]

D. Specialised Courses



Physical Education

- (i) Master of Physical Education (M.P.Ed.) with minimum 55% marks.

Visual Arts

- (i) Postgraduate degree in Fine Arts (MFA) with minimum 55% marks.

Performing Arts

- (i) Postgraduate degree in Music/Dance/ Theatre Arts with minimum 55% marks.

5.3 Administrative and Professional Staff

- | | |
|---|-----|
| a) Librarian (B.Lib with 55% marks) | One |
| b) Computer Lab Asstt. (BCA with 55% marks) | One |
| c) Office Manager | One |
| d) Office Assistant cum Date Entry Operator | One |
| e) Curriculum Lab Co-ordinator | One |
| f) Accounts Assistant | One |
| g) Helpers/ Lab Attendant | Two |

The qualifications shall be as prescribed by the State Government / Affiliating body for equivalent posts.

Note : In a composite institution, the Principal and academic, administrative and technical staff can be shared. There shall be one Principal, and others may be termed as HoDs.

5.4 Terms and conditions Service

The terms and conditions of service of teaching and non-teaching staff including selection procedure, pay scales, age of superannuation and other benefits shall be as per the policy of the State Government/Affiliating body.

- (vi) As Per decision of NRC taken in 256th meeting held from 22nd to 25th August, 2016 the institution shall ensure that it has become a composite institution before the commencement of the academic session 2017-18

4. Further, the recognition is subject to fulfilment of all such other requirements as may be prescribed by other regulatory bodies like UGC, affiliating University/ Body, the State Government etc. as applicable. The affiliating body (University/State Govt.) shall also be required to verify the authenticity of the land & building documents as well as appointment of requisite teaching & non-teaching staff as per provisions of the NCTE Regulations, 2014 by the concerned institution before grant of affiliation to an institution.

5. The institution shall submit to the Regional Committee a Self-Appraisal Report at the end of each academic year along with the statement of annual accounts duly audited by a Chartered Accountant.

6. The institution shall maintain & update its Web-site as per provisions of NCTE Regulations and always display following as mandatory disclosure:-

- (i) Copy of the Application Form
- (ii) Land and Building Particulars
- (iii) Staff Profile
- (iv) Recognition letter
- (v) Information for having fulfilled the norms & standard and other required conditions.


7. In case if the land is in the name of the Society/trust, the land is to be transferred within six months in the name of the institution, failing which action shall be initiated to withdraw the recognition.

It shall be essential on the part of the institution concerned to get the needful done in this regard and intimate about the same to the respective Regional Committee along with the new land documents within the stipulated time.

8. If the institution contravenes any of the above conditions or the provisions of the NCTE Act, Rules, Regulations and Orders made or issued there under, the Regional Committee shall withdraw the recognition as under the provisions of Section 17(1) of the NCTE Act.

9. Further, if the institution is not satisfied with the order, it may prefer an appeal under sections 18 of NCTE Act, 1993 in the "online mode" available on NCTE's website www.ncte.india.org within 60 days from the date of this order. The guidelines for filing appeal may be seen on NCTE's website.

By Order,

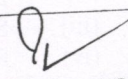

(Dr. I. K. Mansoori)
Regional Director

To,

The Manager to Govt. of India,
Department of Publications, (Gazette Section)
Civil Lines, Delhi - 110 054

Copy to:-

1.	The Registrar, Manav Rachna University, Plot No.-0, Street No.- 0, Village- Mewla Maharajpur, Post Office- Faridabad, Tehsil/Taluka-Faridabad, Town/City- Faridabad, District- Faridabad-121001, State- Haryana.	
	The Secretary/Manager, Uthan Educational Trust, Plot No.- 5-E-1-A, BP, Street/Road- Railway Road, Village/Town/City- Faridabad, Post Office- NH-5, Tehsil/Taluka- Faridabad, Town/City- Faridabad, District- Faridabad-121001, State- Haryana.	
2.	The Principal Secretary, Department of Higher Education, New Haryana Civil Secretariat, Sector-17-C, 5 th Floor, Room No-528, Chandigarh-160017.	with a request to ensure compliance of the terms & conditions as laid down above.
3.	The Registrar, Manav Rachna University, Sector -43, Surajkund Badkhal Road Faridabad, Haryana..	<i>with a request to ensure that admissions are made by the institution as per the size of unit and intake mentioned in the recognition /permission order and compliance of other terms and conditions as laid down above.</i>
4.	The Secretary, Department of School Education and Literacy, Ministry of Human Resource Development, Govt. of India, Shastri Bhawan, New Delhi- 110001	
5.	The US (Computer), National Council for Teacher Education, Hans Bhawan Wing-II, I, Bahadur Shah Zafar Marg, New Delhi- 110 002.	
6.	Computer Section of NRC, NCTE, Jaipur to upload on NRC website.	
7.	Office order file/ Institution file.	


Regional Director



भारतीय विधिज्ञ परिषद् BAR COUNCIL OF INDIA

(Statutory Body Constituted under the Advocates Act, 1961)

21, Rouse Avenue Institutional Area, New Delhi - 110 002

BCI: D: 799 /2017 (LE/Std. 27/28.5.2017)

23.06.2017

The Registrar
Manav Rachna University,
Sector- 43, Badkhal Surajkund Raod,
Faridabad - 121 006
Haryana

Letter of Consent

Sub: Letter for recognition of your University and fresh approval of affiliation to Faculty of Law, Manav Rachna University, Faridabad, Haryana for imparting five year BA.LLB (Hons), five year BBA. LLB (Hons) and five year B. Com. LLB (Hons) with intake of one section of 60 students in each course for a period of two years from 2017-18 and 2018-19.

Sir,

The Standing Committee (Sub-Committee) of the Legal Education Committee of the Bar Council of India at its meeting held on 27th and 28th May, 2017 considered the inspection report of **Manav Rachna University, Faridabad, Haryana**. After consideration, Committee made the following recommendations :-

The Standing Committee considered the inspection report of Faculty of Law, Manav Rachna University, Faridabad, Haryana submitted by the inspection team. After consideration, Committee is of the view that as per Section 7 (1) (i) of the Advocates Act, 1961 Manav Rachna University, Faridabad, Haryana be granted recognition for the purpose of conferring the degree of law for imparting five year BA.LLB (Hons), five year BBA.LLB (Hons) and five year B. Com. LLB (Hons) and further fresh approval to its **Faculty of Law, Manav Rachna University** for imparting **five year BA.LLB (Hons), five year BBA. LLB (Hons) and five year B. Com. LLB (Hons)** with intake of **one section of 60 students in each course** for a period of two years from **2017-18 and 2018-19** subject to the following conditions.

Further the University must follow the Rule 4 of Honours, which is quoted hereunder: -

Rule - 4, Schedule II

“(b) For specialized and / or honors course, a student has to take not less than thirty eight papers in all, which shall include twenty compulsory papers, four clinical papers, six optional papers and eight papers in specialized/honors course in any Group as stipulated below. However if eight papers are taken from multiple of

groups, honors can be given in general law without mentioning any specialization.

Example: "A" has taken eight honors papers selected as follows: two from Constitutional Law, three from Business Law, one from International Law and two from International Trade Law, his Honors shall be in Law. "B" takes eight papers from Constitutional Law group, his honors shall be mentioned in Constitutional Law."

The next inspection team will verify whether it has complied with the same or not.

The University/College is directed to also fulfill the following conditions, failure of which may lead to subsequent necessary and proper action being taken in this regard.

1. The university management is directed to establish the Legal Aid Centre as per Clause-11, Schedule-III of Rule-11 of the Part-IV of the Legal Education Rules – 2008.
2. University should ensure the payment of salary to teachers as per Rules 22 schedule III, Part IV of BCI Rules.
3. The institution is directed to upgrade the library as mentioned below :-

"Today with the increasing cost of journals, books, wi-fi, e-library and online facilities including I.T. facilities, the minimum investment by each university should be Rs. 10 lakhs for each year. However any university/deemed university in rural area, it should be Rs. 5 Lakh and for all other affiliated colleges in the urban area it should be Rs. 2 lakhs and in rural area Rs. 1 lakh."

4. The institution is also directed to upgrade the library by subscribing 10 sets of Indian Bar Review, selected judgments and professional Ethics published by Bar Council of India Trust.
5. Teacher Student ratio shall be as per Schedule-III, Rule-11, Clause-17, Part-IV of Bar Council of India Rules.
6. College is directed to inform the timings of the classes.

Further, the university must specify the timing of the college which has not been given. College should also maintain the timing which has to be minimum 5 ½ hours with half an hour break. College to file an affidavit to the Bar Council of India within six weeks mentioning the timing of the classes. The relevant rules are quoted hereunder :-

Rule (xxiii), Chapter I

"(xxiii) "Regular Course of Study" means and includes a course which runs for at least five hours a day continuously with an additional half an hour recess every day and running not less than thirty hours of working schedule per week."

Rule 5 of Schedule III

“Classes may be conducted between 8 a.m. to 7 p.m. in an Centre of Legal Education, which is not fully residential. However the Library may remain open till 10 p.m.”

The library should be furnished as per Clause 15 of Schedule III of Legal Education Rules 2008 is given below :-

Minimum Library requirement: To start with, a Law Library shall have a set of AIR manual, Combo offer of CD of AIR Pvt. Ltd. (containing electronic version of AIR Supreme Court and High Court Data bases Research 1950-2015 (four connections each) Cr. L.J. Data Base 1950-2015(four connections) AIR Privy Council Data Base 1900-1950 (four connections) AIR Manual latest 6th Edition(1-45 Vols.) AIR Journal 2015, Cr. L.J. 2015, L.I.C. 2015, AIR Civil Cases 2015, AIR Law Lines 2015, AIR Cheque Dishonour Reports 2015, AIR Accident Claims and compensation 2015, Institution shall get electronic versions updated every year by AIR Pvt. Ltd. Central Acts and Local Acts, Criminal law journal, SCC, Company cases, Indian Bar Review, selected Judgements on Professional Ethics and Journals with the back volumes for at least ten years and also such number of text books in each subjects taught during the period according to the minimum standard ratio of ten books for each registered students. For running integrated program, text books of such other subjects are also to be kept in the similar minimum ratio.

Further, the institution should follow the attendance rule and file reply that they are following the aforesaid rule. The next inspection team must also see whether the said rule is being followed by the university or not. The relevant Rule 12 is given below :-

“12. End Semester Test: No student of any of the degree program shall be allowed to take the end semester test in a subject if the student concerned has not attended minimum of 70% of the classes held in the subject concerned as also the moot court room exercises, tutorials and practical training conducted in the subject taken together.

Provided that if a student for any exceptional reasons fail to attend 70% of the classes held in any subject, the Dean of the University or the Principal of the Centre of Legal Education, as the case may be, may allow the student to take the test if the student concerned attended at least 65% of the classes held in the subject concerned and attended 70% of classes in all the subjects taken together. The similar power shall rest with the Vice Chancellor or Director of a National Law University, or his authorized representative in the absence of the Dean of Law.

Provided further that a list of such students allowed to take the test with reasons recorded be forwarded to the Bar Council of India.”

University should also admit students as per the below mentioned Rule:

7. Minimum marks in qualifying examination for admission: Bar Council of India may from time to time, stipulate the minimum

percentage of marks not below 45% of the total marks in case of general category applicants, 42% for OBC category and 40% of the total marks in case of SC and ST applicants, to be obtained for the qualifying examination, such as +2 Examination in case of Integrated Five Years' course or Degree course in any discipline for Three years' LL.B. course, for the purpose of applying for and getting admitted into a Law Degree Program of any recognized University in either of the streams.

Provided that such a minimum qualifying marks shall not automatically entitle a person to get admission into an institution but only shall entitle the person concerned to fulfill other institutional criteria notified by the institution concerned or by the government concerned from time to time to apply for admission.

Institution should submit affidavit the compliance of the above conditions within six weeks.

The University/College shall also comply with the following Rule of the Bar Council of India (Clause (iii) and Explanation 2 of Schedule IV in Part IV of new rules of the Bar Council of India):-

"Whenever approval of affiliation is granted to the Centres of Legal Education, it shall be necessary for the Centres of Legal Education to deposit Rupees Five Lakh in shape of guarantee to fulfil all the norms of the Bar Council of India. The same shall be liable to be forfeited if norms are not complied with and same shall carry no interest."

The consent now granted by the Standing Committee is subject to the payment of guarantee amount as mentioned in the above rule.

University/College authorities are also required to apply before the Bar Council of India for further extension of approval six months in advance before expiry of the period of approval of affiliation granted by the Bar Council of India. i.e. on or before 31st December, 2018.

The recommendations of the Standing Committee are subject to final approval of the Legal Education Committee and General Council of the Bar Council of India.

This is for your information and necessary action.


(N. Senthil Kumar)
Asstt. Secretary

Yours sincerely,


(Ashok Kumar Pandey)
Joint Secretary

Copy to:-

1. The Principal/
Head of the Deptt.,
Manav Rachna University,
Sector- 43, Badkhal Surajkund Raod,
Faridabad – 121 006, Haryana

SCHOLARSHIP/FREE-SHIP POLICY AND OTHER INCENTIVES

The University offers the following scholarships to the students admitted under UG/PG Programs.

Meritorious student's scholarship:

Aimed at promoting meritorious students, scholarship including tuition fee waiver is awarded to the students of UG /PG Programs) on the basis of marks/CGPA in the qualifying examination as per following scale; however the students are required to pay other fees as applicable to the programme concerned.

UG Programmes (B.Tech/ B.Sc.(Hons.)/ B.A.(Hons.)/ B.B.A./ B.Ed./ B.A.B.Ed./ B.Sc. B.Ed./ B.Com LLB/ B.A. LLB/ BBA LLB)

90.00% and above	100% Tuition Fee waiver
85.00% and above but below 90.00%	50% Tuition Fee waiver
80.00% and above but below 85.00%	25% Tuition waiver

PG Programmes (M.Tech. /MBA & M.Sc.)

80.00% and above	100% Tuition Fee waiver
75.00% and above but below 80.00%	50% Tuition Fee waiver
70.00% and above but below 75.00%	25% Tuition waiver

Conditions for Continuation of Scholarship in Subsequent Years:

Progress of students awarded scholarship for academic year in subsequent years shall be reviewed after end of 2nd semester for continuation, based upon his/her performance in the 1st and 2nd semester. For continuation of scholarship student shall be required to:

- Have 75% attendance in all courses in each semester
- Maintain a minimum CGPA of 7.75
- Register for all courses and earn credits for these courses as defined in curriculum scheme of programme of admission i.e. the student shall not pursue the semester in under load mode (registering lesser number of credits).
- Applicants should not have been suspended for any grave act of indiscipline by the university.
- No disciplinary action against the applicant is established or pending in case of ragging or eve teasing.
- The applicant should not be receiving any other scholarship from any other source whatsoever, for which a certificate signed by student & parents is to be provided.

Merit cum Means Scholarship:

MRU offers Scholarships based on merit cum means, to the candidates admitted under reservation for Haryana Candidates. Scheme shall be applicable to all Undergraduate and Post Graduate Programs. The Scheme is applicable to all students whose parents have annual income up to Rs. 2.80 Lacs from all sources. Under the scheme, the students shall be given fee waiver limited to the tuition fee as per the following scale. Candidates are required to pay other fee as applicable to the programme concerned.

- One fifth of the twenty five percent shall be granted full tuition fee concession;
- Two fifth of the twenty five percent shall be granted fifty percent fee concession;
- The balance two fifth of the twenty five percent shall be granted twenty five percent fee concession.

NOTE:

- 1. The Candidates seeking admission under above categories shall be required to produce “Resident Certificate” and “Income Certificate” issued by the SDM/Tahshildar cum Executive magistrate of the District Concerned where from they hail, to become eligible for the benefit.**
- 2. Shall be granted after the last date of closing of admission i.e. 15th August (for Engineering Programs) & 30th August (for Other Programs) depending upon the merit of the Candidates admitted in the UG/PG Program.**

Conditions for Continuation of Scholarship in Subsequent Years

Applicants must fulfill the following criteria for claiming the fee concession:

- The attendance criteria of the university.
- Maintain a minimum CGPA of **7.75** However, if any student considered for fee concession in the first year fails in any of the subject, he/she may be considered for continuation of fee concession provide that he/she shall have to clear the subjects in the subsequent academic year failing which he/she may not be considered for the continuation of Fee Concession.
- Applicants should not have been suspended for any grave act of indiscipline by the university.
- No disciplinary action against the applicant is established or pending in case of ragging or eve teasing.
- The applicant should not be receiving any other scholarship from any other source whatsoever, for which a certificate signed by student & parents is to be provided.

Concession Admissible to the Candidates Passing Out from any of the Institutions of MREI:

Candidates passing out from any of the institutions of MREI and son/ daughter of faculty/ staff member of any of the institutions of MREI will get one time concession of Rs 5000/- at the time of admission in any of the programme being offered at Manav Rachna University.

Merit Scholarship to be Awarded to the Branch Toppers of the Odd and Even Semesters:

Merit Scholarship, other than the scholarship / freeship already in place is admissible to the students bagging 1st, 2nd and 3rd positions in the Odd & Even semester exams (based on the amalgamated SGPA / CGPA) every year for each programme being run by the University, including new courses in the near future, as under:

- a) First position : 25% of Tuition Fee or Rs. 25000/- which ever is less
- b) Second Position : 15% of Tuition Fee or Rs. 15000/- which ever is less
- c) Third Position : 10% of Tuition Fee or Rs. 10000/- which ever is less

The admissibility of Merit Scholarships shall be subject to the following conditions:

1. Any programme must have strength of 90 or more in semester exam to qualify for first, second and third position scholarship; otherwise only a solitary topper shall be given a solitary first position scholarship.
2. If the strength of a course is 10 or less no scholarship will be awarded for that course.
3. A student shall be eligible to benefit for tuition fee waiver only from one source only.

Student Staff & Alumni Welfare Fund (SSAWF):

Student Staff & Alumni Welfare Fund has been created to accomplish various objectives, some of which are concerned with the students are as follows:

- a) Rendering financial assistance to students, staff & alumni for research and higher studies for improving the overall well being of the under privileged and have notes of the society.
- b) To provide financial assistance / scholarship to needy students for continuation of their higher studies.

UNIVERSITY GRANTS COMMISSION

Appendix-XII

Information about the Complaints received under Grievance Redressal Mechanism

Sl. No	Name of the Complaint	Complaint Against	Roll No.	Date of Complaint	Action Taken by the University
1	Hitting with bat by student of ME(II)	Nippun Sharma & two Ex students of MRU	2K-14-MRCE-ME(II)-22	01-02-17	Disciplinary Committee conducted the inquiry and it was found that this was an issue related to money lending. Both the parties compromised and Mr Rajat Dalal withdrew his complaint in writing
2	Students Found in drunken state	Shivangi Aggarwal Shivani Tyagi	CSE-4B CSE-4B	26-04-17	Both the students were suspended. Students and their parents were called before the committee. Students submitted affidavits duly signed by their parents, after which their suspension was revoked.
3	The case of misbehaving with the students of B.Sc.Hons (Chemistry) II Sem	Jatin Guglani Ravi Chauhan Lavanya Anand Amit Rawat Nitin Rawat	2K16-ME-051 2K16-CSE-060 2K16-CSE-142 2K16-CSE-031 2K16-CSE-038	28-04-17	All the students were suspended. Disciplinary Committee grilled all the students. Their parents were also called. After getting the affidavits from students duly signed by their parents, their suspension was revoked.
4	Disorderly conduct of students of CSE and IT during summer training classes	Nishant Bhadana Praveen Kr Poswal Nishant Mehta	2K14-MRCE-CSE-19 2K14-MRCE-CSE-21 2K14-MRCE-IT-31	28-06-17	Students were suspended. Committee arrived at conclusion that Nishant Mehta had latched the door from outside when class was on, which he later admitted. Suspension was revoked after getting written apologies and affidavits from them.
5	Indiscipline in Hostel Went out of campus at 11.45 pm and returned at 00.30 am	Anuj Yadav	2K16-ME-016	21-08-17	Anuj Yadav appeared before the committee and apologized for this act of indiscipline and assured that he will not indulge in any act of indiscipline in future in writing.
6	Fraudulent and Unethical behaviour of ME Final Yr students by giving wrong information that their team was runner up in competition	Ankit Saini Ayush Gupta Himanshu Kondal Aditya Chhabra	2K14-MRCE-ME-035 2K14-MRCE-ME-084 2K14-MRCE-ME-053 2K14-MRCE-ME-079	17-10-17	All four students were suspended. Disciplinary Committee grilled all the students and they were debarred from attending classes for VII sem, however they were allowed to take exams by MDU. Further they will not be recommended for industrial training in VIII Sem and will do their project in MRU.
7	Damaging Institute Property by ME Final Yr Students	Abhishek Chauhan Ankit Aggarwal Akash Chaudhary Abhishek Tanwar Hemant Chauhan	2K14-MRCE-MEII-03 2K14-MRCE-MEII-08 2K14-MRCE-MEII-01 2K14-MRCE-MEC-76 2K14-MRCE-MEII-13	01-12-17	All students were suspended. Committee recommended to recover three times the cost of hand drier from these students and also asked them to submit the affidavits. After completing this their suspension was revoked.

UNIVERSITY GRANTS COMMISSIONAppendix-XVII**Information about the Composition of the Statutory Bodies of the University**

Separately for Governing Board, Executive Council, Board of Management, Academic Council, Finance Committee, Board of Studies, Others

GOVERNING BODY:

SI No	Name	Profession	Full Postal Address	Date of Constitution
1	Dr. Prashant Bhalla	Chancellor/ Chairman	House No. 1073, Sector-15, Faridabad (Haryana)	28.08.2014
2	Principal Secretary to Government or his nominee		Haryana Higher Education Deptt., Room No. 58, VIII Floor, Haryana Civil Secretariat Sector-1, Chandigarh.	
3	Prof. (Dr.) Sanjay Srivastava	Vice Chancellor-MRU	Flat No. B:205, Ananda Apartments, Sector-48, Noida-201301	
4	Dr. Amit Bhalla	Vice President, MREI	House No. 1071, Sector-15, Faridabad (Haryana)	
5	Dr. N. C. Wadhwa	Vice Chancellor, MRIIRS	503, HEVA Apartments, Sector-56, Gurgaon	
6	Dr. M. M. Kathuria	Trustee, UET	House No. 2197, Sector-9, Faridabad (Haryana)	
7	Prof. (Dr.) Haribansh Chaturvedi	Director, Birla Institute of Mgt.& Tech.	Plot No. 5, Knowledge Park- 2, Greater Noida, U.P.- 201306, Noida	
8	Col (Retd.) V. K. Gaur	Educationist	House No. 2429, Sector-9, Faridabad (Haryana)	
9	Sh. H. K. Batra	Member	House No. 1127, Sector-15, Faridabad (Haryana)	
10	Sh. Amit Kumar	FCA	1H-33, NIT, Faridabad (Haryana)	
11	Dr. Kameshwar Singh	Registrar/ Member Secretary	MRU, Sector-43, Delhi-Surajkund Road, Faridabad (Haryana)	

BOARD OF MANAGEMENT:

Sl.No.	Name	Profession	Full Postal Address	Date of Constitution
1	Prof. (Dr.) Sanjay Srivastava	Vice Chancellor/ Chairman	Flat No. B:205, Ananda Apartments, Sector-48, Noida-201301	21.04.2015
2	Principal Secretary to Government or his nominee		Haryana Higher Education Deptt., Room No.58, VIII Floor, Haryana Old Secretariat, Sector-1, Chandigarh	
3	Dr. Amit Bhalla	Vice President, MREI	House No. 1071, Sector-15, Faridabad (Haryana)	
4	Dr. N. C. Wadhwa	Vice Chancellor, MRIIRS	503, HEVA Apartments, Sector-56, Gurgaon (Haryana)	
5	Sh. M. K. Miglani	Administrative Services I.A.S. (Retd.) Former Vice Chancellor, KU&HAU (Haryana)	House No. 1161, Sector-15, Faridabad (Haryana)	
6	Sh. S. K. Jain	Industrialist Managing Director	Indo Autotech Limited, Faridabad (Haryana)	
7	Sh. Navdeep Chawla	Chairman/ Managing Director	Psychotropic India Ltd. 214-216, Sector-15, Faridabad (Haryana)	
8	Prof. (Dr.) Meenakshi S. Khurana	Professor Pro Vice Chancellor/ Dean-Academics	MRU, Sector-43, Delhi-Surajkund Road, Faridabad (Haryana)	
9	Prof. (Dr.) Sangita Banga	Professor Director/ Dean-Students		
10	Dr. Kameshwar Singh	Registrar/ Member Secretary		

ACADEMIC COUNCIL:				
Sl No	Name	Profession	Full Postal Address	Date of Constitution
1	Prof. (Dr.) Sanjay Srivastava	Vice Chancellor/Chairman	Flat No. B:205, Ananda Apartments, Sector-48, Noida-201301	21.04.2015
2	Prof. (Dr.) Meenakshi S. Khurana	Professor Pro Vice Chancellor/ Dean-Academics	MRU, Sector-43, Delhi-Surajkund Road, Faridabad (Haryana)	
3	Prof. (Dr.) B. M. Bahal	Professor Dean-Applied Sc. & Res.		
4	Prof. (Dr.) Sangita Banga	Professor Director/ Dean-Students		
5	Prof. (Dr.) S. K. Garg	Pro Vice Chancellor	Delhi Technological University, Delhi	
6	Prof. (Dr.) R. K. Singh	Professor	Deptt. of Com., Delhi School of Economics, New Delhi	
7	Prof. (Dr.) P. K. Bhatnagar	Professor	Deptt. of ECE, University of Delhi, New Delhi.	
8	Prof. (Dr.) Vandana Singh	Associate Professor	Deptt. of Education, IGNOU, New Delhi	
9	Dr. S. K. Goyal	Executive Director	Star Wire (India) Ltd. & Former President, FIA, 21/4, Mathura Road, Ballabgarh, Faridabad-121004 (Haryana)	
10	Prof. (Dr.) Kanwal D.P. Singh	Dean, Faculty of Law	GGSSIP University, Dwarka, New Delhi.	
11	Ms. Hanu Bhardwaj	HoD-CST	MRU, Sector-43, Delhi Surajkund Road, Faridabad (Haryana)	
12	Dr. Y. K. Awasthi	HoD-ECE		
13	Dr. Sujata Nayak	HoD-ME		
14	Dr. Haider Abbas	HoD-Physics		
15	Dr. Megha Mittal	HoD-Chemistry		
16	Dr. A. K. Awasthi	HoD-Mathematics		
17	Mr. Jaideep Singh	HoD-Humanities		
18	Prof. (Dr.) Rajat Gera	HoD-Management & Commerce		
19	Dr. Versha Vahini	HoD-Law		
20	Dr. Babita Parashar	HoD-Education		
21	Prof. (Dr.) A. K. Gupta	Professor-Chemistry		
22	Prof (Dr.) Jai Bhatnagar	Professor-CST		
23	Prof. (Dr.) D. K. Sharma	Professor-Physics		
24	Dr. S. K. Shukla	ASSO. PROF.-Chemistry Chemistry		
25	Ms. Meena Kapahi	ME		
26	Dr. Kameshwar Singh	Registrar/Member Secretary		

FINANCE COMMITTEE:				
Sl No	Name	Profession	Full Postal Address	Date of Constitution
1	Prof. (Dr.) Sanjay Srivastava	Vice Chancellor/ Chairman	Flat No. B:205, Ananda Apartments, Sector-48, Noida-201301	28.02.2015
2	Dr. Amit Bhalla	Vice President, MREI	House No. 1071, Sector-15, Faridabad (Haryana)	
3	Dr. M. M. Kathuria	Member, Board of Trustees, UET	House No. 2197, Sector-9, Faridabad (Haryana).	
4	Prof. (Dr.) Meenakshi S. Khurana	Professor Pro Vice Chancellor/ Dean-Academics	MRU, Sector-43, Delhi-Surajkund Road, Faridabad (Haryana)	
5	Sh. Amit Kumar	FCA	AHQ 5E/1A, B.P., NIT, Faridabad (Haryana)	
6	Dr. Kameshwar Singh	Registrar	MRU, Sector-43, Delhi-Surajkund Road, Faridabad (Haryana)	

BOARD OF STUDIES, DEPTT. OF COMPUTER SCIENCE & TECHNOLOGY:

Sl No	Name	Profession	Full Postal Address	Date of Constitution
1	Ms. Hanu Bhardwaj	Chairperson, Professor & CST	MRU, Sector-43, Delhi-Surajkund Road, Faridabad (Haryana)	21.04.2015
2	Dr. Sushmita Ray	Asso. HoD- Professor-CST		
3	Dr. Jyoti Pruthi	Asso. Professor-CST		
4	Dr. Hardeo Thakur	Asso. Professor-CST		
5	Dr. Parneeta Dhaliwal	Asso. Professor-CST		
6	Dr. Anjana Gosain	Professor	University School of Information Technology, GGS IP University, New Delhi	
7	Mr. Ram Narasimhan	National Head & Director	Big Data Xebia	
8	Mr. Amitava Chakraborty	Sr. Architect	IBM Infrastructure Service	
9	Ms. Neetu Chauhan	Manager	University Alliances, Xebia	

BOARD OF STUDIES, DEPTT. OF ELECTRONICS & COMMUNICATION:

SI No	Name	Profession	Full Postal Address	Date of Constitution
1	Dr. Y. K. Awasthi	Chairperson, Asso. Professor & HoD-ECE	MRU, Sector-43, Delhi-Surajkund Road, Faridabad (Haryana)	21.04.2015
2	Dr. Charu Pathak	Asso. Professor-ECE		
3	Ms. Yogita Khanna	Asst. Professor-ECE		
4	Dr. P. K. Bhatnagar	Professor-ECE	Deptt. of ECE, University of Delhi, South Campus, Benito Juarez Marg, Near Dhaula Kuan, Moti Bagh, New Delhi-110021.	

BOARD OF STUDIES, DEPTT. OF MECHANICAL ENGINEERING:

SI No	Name	Profession	Full Postal Address	Date of Constitution
1	Dr. Sujata Nayak	Chairperson, Professor & ME	MRU, Sector-43, Delhi-Surajkund Road, Faridabad (Haryana)	18.11.2017
2	Mr. Joginder Singh	Asso. Professor-ME		
3	Mr. Sanjay Taneja	Asso. Professor-ME		
4	Mr. Ajit Katiyar	Asso. Professor-ME		
5	Prof. (Dr.) Sandeep Goyal	Dean-Professor-ME	Mechanical Engineering Deptt. Y.M.C.A., Faridabad.	

BOARD OF STUDIES, DEPTT. OF PHYSICS:

SI No	Name	Profession	Full Postal Address	Date of Constitution
1	Dr. Haider Abbas	Chairperson, Asso. Professor & HoD-Physics	MRU, Sector-43, Delhi-Surajkund Road, Faridabad (Haryana)	21.04.2015
2	Prof. (Dr.) B. M. Bahal	Professor, Dean-Applied Sc. & Res.		
3	Prof. (Dr.) D. K. Sharma	Professor-Physics		
4	Prof. (Dr.) P. K. Bhatnagar	Professor-ECE	Department of Electronics, University of Delhi, Delhi	

BOARD OF STUDIES, DEPTT. OF CHEMISTRY:				
SI No	Name	Profession	Full Postal Address	Date of Constitution
1	Dr. Megha Mittal	Chairperson, Asso. Professor & HoD-Chemistry	MRU, Sector-43, Delhi-Surajkund Road, Faridabad (Haryana)	03.03.2017
2	Prof. (Dr.) A. K. Gupta	Professor-Chemistry		
3	Prof. (Dr.) Sangita Banga	Director/ Dean-Students		
4	Dr. S. K. Shukla	Asso. Professor-Chemistry		
5	(Prof.) Dr. Rakesh Sharma	Professor of Green Chemistry	Delhi University, CGNC Coordinator & Secretary, Royal Society of Chemistry, London, (North India Section)	

BOARD OF STUDIES, DEPTT. OF MATHEMATICS:

SI No	Name	Profession	Full Postal Address	Date of Constitution
1	Dr. A. K. Awasthi	Chairperson, Asso. Professor & HoD-Mathematics	MRU, Sector-43, Delhi-Surajkund Road, Faridabad (Haryana)	31.05.2017
2	Dr. Y. K. Sharma	Asso. Professor-Maths		
3	Dr. Deepa Arora	Asst. Professor-Maths		
4	Dr. Ruchi Gupta	Asst. Professor-Maths		
5	Mr. Ramapati Maurya	Asst. Professor-Maths		
6	Prof. (Dr.) K. K. Dewan	Vice Chancellor	Noida International University, Noida	

BOARD OF STUDIES, DEPTT. OF MANAGEMENT & COMMERCE:

SI No	Name	Profession	Full Postal Address	Date of Constitution
1	Prof. (Dr.) Rajat Gera	Chairperson, Professor & HoD Management & Commerce	MRU, Sector-43, Delhi-Surajkund Road, Faridabad (Haryana)	03.03.2017
2	Shri Jaideep Singh	HoD, Deptt. of Humanities		
3	Prof. (Dr.) Arindom Chatterjee	Professor- Mgmt.& Comm.		
4	Shri Birendra Prasad	Head (New Initiatives)		
5	Dr. Pragati Chauhan	Asst. Prof.- Mgmt.& Comm.		
6	Prof. (Dr.) Sanjeev Mittal	Professor-Management	University School of Management Studies, GGS Indraprastha University, Sector-16C, Dwarka, New Delhi-110078.	

BOARD OF STUDIES, DEPTT. OF EDUCATION:

SI No	Name	Profession	Full Postal Address	Date of Constitution
1	Dr. Babita Parashar	Chairperson, Asst. Professor & HoD-Education Deptt.	MRU, Sector-43, Delhi-Surajkund Road, Faridabad (Haryana)	27.03.2017
2	Dr. Rashee Singh	Asso. Professor-Education		
3	Ms Seema Sharma	Asst. Professor-Education		
4	Prof. (Dr.) Anita Rastogi	Professor-Education	Jamia Millia Islamia, New Delhi	

BOARD OF STUDIES, DEPTT. OF LAW:

SI No	Name	Profession	Full Postal Address	Date of Constitution
1	Dr. Versha Vahini	Chairperson, Professor & Asst. HoD-Law	MRU, Sector-43, Delhi-Surajkund Road, Faridabad (Haryana)	20.07.2017
2	Prof. (Dr.) Jose Varghese	Professor Emeritus		
3	Ms. Aditi Choudhary	Asst. Professor & Law Officer		
4	Ms. Priyanka Madraina	Asst. Professor-Law		
5	Dr. Jyoti D. Sood	Associate Professor-Law	ILI, Delhi	

Superintendent /Invigilators/ paper setters, format of letters to be sent to them are also prepared. The Dean, Examination has proposed that these guidelines/ formats of various letters/ instructions be got approved by the Council as these are not prescribed in the ordinances.

Decision: Academic Council approved the Guidelines for the conduct of Exams/ Supplementary Exams and formats of forms/ letters.

SA-2.2 Approval of the format of Grade Card for Semester Examinations & Consolidated Result Card for B. Tech. Programs

AC was informed that First Semester Exams are already held and results declared by the University. The students are required to be issued the Result Card/ Mark Sheets. The Dean, Examination has proposed to adopt the name and style of the Marks sheet for the semester examinations as well as consolidated Marks Sheet/ Result Card which will be issued to the students after completion of the course requirement.

The formats of both the documents were deliberated at length. It was opined by the Hon'ble members that SGPA should also be mentioned in the Consolidated Result Card along with the Semester Marks of each semester and both the formats were approved.

Decision: Academic Council approved the same with advice that SGPA should also be mentioned in the Consolidated Result Card along with the Semester Marks of each semester.

SA-2.3 Starting of MBA (Dual specialization) programs.

The Academic Council is informed that the Faculty of Management and Humanities has proposed to offer the following MBA (Dual specialization) programs under the Department of Management & Commerce. The Board of Studies of the Department in its meeting held on 06.01.2016 has concurred with the proposal of the faculty to the start the following dual specialization programs:

SECTORAL	FUNCTIONAL
Real estate and infrastructure management	Human Resource
Entrepreneurial Skills and Family Business	Finance
Event Management	Marketing
Sports Management	International Business
Management of Public Governance	

Decision: Academic Council approved the proposal.

SA-2.4 Starting of two years MBA (Executive) program and one year PGDBA (Executive).

The members of the Council are informed that the Department of Management and Humanities intends to start two years MBA (Executive) Program and one year PGDBA (Executive). The proposal is discussed in the meeting of the BoS of the department and approved by the BoS.

It is also proposed to keep exit option after one year & Complete MBA within next 03 Years. In that case candidate will be provided a degree of “Post Graduate in Business Administration (Executive) one year.

Eligibility for admission shall be as follows:

Minimum 50 percent marks in Under Graduation & Minimum 01 year’s supervisory level experience. The Admissions will be done based on Personal interviews which will be held on 1st and 3rd Saturdays.

The Classes will be held on Saturdays from 2 pm-6 pm & on Sundays from 10 am-6 pm.

Scheme of the study shall be:

FIRST YEAR	SECOND YEAR
<p><u>Semester 1</u></p> <ul style="list-style-type: none"> • Management Process and Organization Behaviour • Managerial Economics • Accounting for Managers • Decision Sciences • Information Technology Management • Business communication • Information Technology Management Lab • Term Paper 	<p><u>Semester 3</u></p> <ul style="list-style-type: none"> • Entrepreneurship & Small Business Development • Information Systems Management • Business & Economic Laws • Management of International Business • 03 Specialization papers for dual specialization(In Functional areas i.e. Marketing Human Resource, Finance, or Sectoral areas i.e. Real Estate & Infrastructure Management, International Business, Entrepreneurship Skills and Family Business, Event Management, Sports Management, Negotiation & Diplomacy Skills and Competencies)
<p><u>Semester 2</u></p> <ul style="list-style-type: none"> • Human Resource Management • Financial Management • Business Research • Operation Management • E- Business • Management of Technology Innovation & Change • Minor Project 	<p><u>Semester 4</u></p> <ul style="list-style-type: none"> • Strategic Management • Business intelligence & Applications • Corporate Social Responsibility, Human values & Ethics • Foreign Language • 03 Specialization papers for dual specialization (In functional areas i.e. Marketing, Human Resource, Finance, or Sectoral areas i.e. Real Estate & Infrastructure Management, International Business, Entrepreneurship Skills and Family Business, Event Management, Sports Management, Negotiation & Diplomacy Skills and Competencies).

- | | |
|--|--|
| | <ul style="list-style-type: none">• Major Research Project |
|--|--|

Decision: Academic Council approved the proposal in principle but desired that program structure of the program be reviewed. Vice Chancellor was authorized to approve the same..

SA- 2.5 Starting of PG Diploma in Digital Marketing (week end) duration nine months.

It is submitted for information of the Academic Council that the Department of Management and Humanities further intends to start a nine months duration PG Diploma in Digital Marketing (week end) program. The proposal is discussed in the meeting of the BoS of the department and approved by the BoS in principle. It is suggested by the Bos that to start initially three months certificate program and later on if demand persists then only 9 months duration PG Diploma in Digital Marketing (week end) program be started.

Decision: Academic Council approved the proposal.

2.15. Any Other item with the permission of Chair

Prof. R.K Singh, one of the Hon'ble member mentioned that in its short span the students of the university has brought laurel to the institution at international forums, they must be complimented and this be put on record. He further emphasized that faculty members of the university must give thought on the following: i) How to bring collaboration with the Industry and attract them to create a Chair fellowship for the students pursuing the Ph. D program., Dr. Goel can respond to it li) How are we going to make a distinction in these programs, how it would be different? We should think of adding value rather adding numbers. We should go for a program which market found appropriate for use.

Dr. S.K. Goel responded by saying that there are 26 MNCs and large number of industries based in Faridabad. The university should try to make out of box projects more for what country and society needs. It should take a lead in undertaking good projects. He announced that his industry would give five projects, it was cheered by all. He further mentioned that Industry does not have trust in the institution that it would deliver. Hence confidence building measures must be taken to create faith, lets create something for all i.e. industry, society and country at large.

Hon"ble Vice Chancellor/ chairperson complimented Prof. Singh and Dr.Goel for their words of inspiration and motivation.

The meeting ended with a vote of thanks to the Chair.

(Dr. Kameshwar Singh)
Registrar/Secretary

B.A B.Ed. Integrated (4 years): - The Candidates should have 50% or more marks, in aggregate in any discipline in the Senior Secondary /+ 2 or equivalent examinations conducted by any recognized Central/State Boards.

B.Sc B.Ed Integrated (4 Years): - The Candidates should have 50 % marks in aggregate in relevant discipline (Science- Medical/ Non Medical stream) in the Senior Secondary /+ 2 or equivalent examinations conducted by any recognized Central/State Boards.

Further, Council was apprised that University intends to continue with the Policy/Directive of the Director of Higher Education, Haryana received vide Memo No. 18/51-2000 UNP(4) endorsed on 29.12.2015 with regard to Kashmiri Migrants in the next academic year also which is as follows-

Reservation and Relaxation to wards of Kashmiri migrants in all the UG Programs

- i) Relaxation in cut-off percentage up to 10% subject to minimum eligibility requirements,
- ii) Increase in intake capacity up to 5% course-wise.
- iii) Reservation of at least one seat in merit quota in technical/ professional institutions,
- iv) Waiving of domicile requirement.

Council was requested to approve the proposal.

Decision: Academic Council approved the same.

3.9 Introduction of a new PG Program Master of Arts in Education M.A.(Education)

Academic Council was informed that University shall offer a new program M.A. in Education with intake 20 under the Department of Education from the Academic Session, 2017-18. A proposal to this effect has already been submitted to the Department of Higher Education, Govt. of Haryana on 14.09.2016 and a presentation also made before the ACS to the Govt., Haryana. Approval of the Govt. for starting the above program has been received vide their Memo no. 20 / 5- 2013 UNP (5), dated 30.09.2016.

Admission to the above programs shall be made on the basis of merit in MRNAT- 2017. However, in the absence of candidates, seats, if any remain vacant shall be filled on the basis of merit in the qualifying examination

The following shall be the Eligibility Criteria:

The candidates having passed with 50% or more marks in graduation in any discipline (with or without education as specialization)
The Council was requested to approve the Proposal.

Decision: Academic Council approved the above

3.10 Introduction of LLB (3 years), B.A.L.L.B (5yrs), BALLB (5yrs) and B.Com. LLB(5 yrs) Programs from the Academic session,2017-18.

The Council was apprised that the University intends to start four new law programs viz.LLB (3 years), B.A.L.L.B (5yrs), BALLB (5yrs) and B.Com LLB(5 yrs) Programs from the Academic Session, 2017-18.with intake 60 in each program under the Department of Law/ Faculty of Law, creation of which has been approved by the Board of Management in its fourth meeting held on 28.09.2016. A proposal to start the above programs has already been submitted to the Department of Higher Education, Govt. of Haryana on 15.07.2016 and a presentation also made before the ACS to the Govt., Haryana on 14.09.2016. Approval of the Govt. for starting the above programs has been received vide their Memo no. 20 / 5 - 2013 UNP (5) dated 30.09.2016.

The university shall apply to the Bar Council of India to seek its approval to start the above programs.

Admission to the above programs shall be made on the basis of merit in MRNAT- 2017. However, in the absence of candidates, seats, if any remain vacant shall be filled on the basis of merit in the qualifying examination.

The following shall be the Eligibility Criteria:

LLB: The candidates should have passed the Graduation in any stream with 50% or more marks.

B.A. LLB (Integrated) : The Candidates should have passed 10+2 with 50% or more marks aggregate.

BBA LLB(Integrated): The candidates should have passed 10+2 with 50% or more marks aggregate.

B.Com. LLB (Integrated):The candidates should have passed 10+2 with 50% or more marks aggregate.

The Council was requested to approve the proposal for starting the above programs.

Decision: Academic approved the proposal to start the above Law programs.

Decision: Academic Council approved the syllabus and program structure of B. Tech. Computer Science & Engineering and Information Technology with the stipulation that henceforth, such documents be submitted for perusal of the Members of the Council well in advance of the date of scheduled Meeting.

Supplementary Agenda

S.A.1 Approval of Admission Brochure for the Academic Year 2017-18

Academic Council was informed that a team of senior faculty members under the supervision of the Dean, Academics prepared the draft of the Admission Brochure, 2017-18 which is placed for consideration of the Hon'ble members of the council. One of the Hon'ble Member mentioned that there was no need to place it before the Council. It was clarified by the Registrar that there are various issues technical in nature such as dates of Counseling and last date of closing of admission, procedures to be followed by the Admission Committee etc. which sometimes helps in litigation matters and therefore it is submitted, to the Council for its concurrence. The Council after having gone through the contents in brief, approved the same.

Decision: Academic Council approved the same.

S.A.2 Introduction of New B. Tech. Program, Industrial Engineering & Management from 2017-18

It was submitted for information of the Council that the Department of Mechanical Engineering of the University intends to start a new B. Tech Program in Industrial Engineering & Management with intake 30 from the academic session, 2017-18. The bachelor degree program in Industrial Engineering & Management communicates the basics of technical and scientific subjects, and equips students with a broad spectrum of knowledge in engineering. In specialized courses the students additionally acquire scientific competence in technically relevant and economic areas of focus, as well as social skills. Industrial engineers and managers are in demand all over the world: Graduates are endowed with the necessary expertise, methodological competence, and problem-solving skills to cope with technological challenges under consideration of economic aspects, and to recognize and make creative use of promising business opportunities. Academic Council was requested to approve the proposal for starting the above B. Tech. program which the council approved unanimously.

Decision: Academic Council approved the same.

Decision: Academic Council approved the proposal with the advice that Prof. Verghese and Ms. Aditi Chaudhary shall make a detailed presentation before the Vice chancellor.

5.10 Introduction of New B. Tech and M. Tech programs under the Department of Electronics and Communication Engineering from the Academic Session, 2018-19

It was submitted that Faculty of Engineering intends to introduce B.Tech Program in **Electronics and Computer Engineering** and M. Tech program in **Embedded System & VLSI (Full time & Part time)** under the Department of Electronics and Communication Engineering from the session 2018-19. The program wise details are as follows:

(i) B.Tech in Electronics and Computer Engineering

It was submitted that the Dean, Faculty of Engineering after having discussion with the Faculty Members of the department and taking into consideration the programs offered by other universities in the area of Electronics Engineering, has observed that electronics engineering being one of the core engineering branches, B. Tech program in the discipline should continue to be offered by the department and accordingly, proposed to start the program B. Tech in Electronics and Computer Engineering with an intake of 30 seats from the session 2018-19. This program seems to be in good demand by the students as well as industry.

(ii) M. Tech in Embedded System & VLSI (Full time & Part time)

The Department has proposed to introduce new **M. Tech Program in Embedded System & VLSI (Full time & Part time)**, which is much in demand, from the session 2018-19. The proposed M. Tech program has been designed to suit to the working professionals particularly from the manufacturing industry located at adjoining the University.

M. Tech programs with flexibility in their timings have been found to be suitable for working professionals and are running well in many other institutions. Considering this, the Department has proposed to offer the program under part time mode as well. The intake and duration of the proposed M.Tech programs shall be as follows:

- a. M. Tech (Full Time) Program in Embedded System & VLSI with intake 18 (Eighteen), duration 2 Years.

- b. M. Tech (Part Time) Program in Embedded System & VLSI with intake 10(Ten), duration 3 Years.

The Proposal for obtaining approval of the Government to start the M.Tech Full Time program in Embedded System & VLSI under the Electronics and Communication Engineering shall be submitted after the approval of the Academic Council. The Academic Council was requested to approve the same.

Decision: Academic Council approved the proposal.

5.11 Approval of admissions made under UG/PG Programs for the Academic Session 2017-18.

The Academic Council was informed that admissions to various UG/PG programs for the academic Session 2017-18 were started as per the schedule notified in the Admission Brochure. The Counseling for admission to technical and professional courses was made since June 10, 2017 till August 31, 2017, as per the eligibility condition approved by the Council for various UG/PG programs. As far as non professional & non technical courses, it is still in progress, as per the schedule specified in the Admission Brochure. The program wise details of total students who took admission in various UG/PG Programs are as follows:

i) B.Tech.	- 251	v). M. Tech.	- 01
ii) B.Sc.(Hons.)	- 51	vi). M. Sc.	- 38
iii) BBA	- 99	vii) B. Ed & Integrated B. Ed	- 57
iv) Law (Hons.)	- 90		

The Academic Session commenced from 10.07.2017 with orientation program for newly admitted students. The Program wise details of all the admissions along with the particulars of each student were placed before the Council for their perusal and requested to approve the same.

Decision: Academic Council approved the admissions made in all the UG & PG programs for the Academic Session, 2017-18.

5.12 Compulsory implementation of Module Syllabus on Environmental Studies for undergraduate courses of all the branches.

Academic council was informed that as per the directive of the Hon'ble Supreme Court, University grants Commission has framed module syllabus for **Ability Enhancement Compulsory Courses** (AECC-Environmental Studies) under CBCS and asked the institutions to take appropriate steps for its implementation.

Accordingly, the Dept. of Chemistry, which is offering Environmental Studies to all the branches, has proposed a scheme keeping into view the UGC guidelines

13	Introduction of Manav Rachna Life Skill Program	Academic Council approved the proposed scheme of Manav Rachna Life skill Program.	Its implemented.
14	Approval of the policy in respect of Intellectual Property Rights covering Patents, Copyrights and Technology Transfer.	Academic Council approved the IPR Policy with recommendation to place the same before the Board of Management for their approval.	The policy on IPR was placed before the Board for their approval. The Board approved the same. The regulation is circulated among the faculties for their information and action.
15	Approval of the Incubation policy to promote new entry into product, processes and services.	Academic Council approved the Incubation Policy with recommendation to place the same before the Board of Management for their approval.	The policy on IPR was placed before the Board for their approval. The Board approved the same. The regulation is circulated among the faculties for their information and action.
16	Any other matter with the permission of chair.	-	-

Decision: Academic Council took the Action Taken Report on Record.

6.4 Introduction of Two new programmes of B.Tech. Computer Science & Engineering with different specializations under the Department of Computer Science and Technology from the Academic Session, 2018-19

The Academic Council was informed that the Dept. of Computer Science & Technology under the Faculty of Engineering intends to introduce two new UG Programmes from the session 2018-19 which are as follows:

- i) B.Tech. CSE with specialization in Data Science and Machine learning

B.Tech in Machine Learning is dedicated to furthering the scientific understanding of automated learning, and to producing the next generation of tools for data analysis and decision making based on that understanding. The B.Tech program in Machine Learning offers students the opportunity to improve their training with advanced study in Machine Learning. Incoming students should have good analytic skills and a strong aptitude for mathematics, statistics, and programming. Today's demand for expertise in machine learning far exceeds the supply which has necessitated the Department to offer this programme.

ii) B.Tech. CSE with specialization in Digital Transformation Engineering

The Digital transformation technologies are a unique initiative for B Tech CSE students in which the curriculum will be embedded with Full Stack Programming, Big Data, Agile, Natural Language Processing and Internet of Things (IOT). Industry experts will work as mentors, along with professors in guiding the students as per the specified methodology. After doing B Tech CSE programme with emphasis on Digital Transformation Technologies, student will be ready for the future careers that are in huge demand these days.

The above programmes are proposed to be offered in collaboration with Xebia, the modalities for which are underway. A proposal for introducing the above programmes has been submitted to the Govt. for obtaining their approval vide letter dated 30.11.2117.

Decision: Academic Council ratified the proposal for starting of above B. Tech. Programmes from the academic session 2018-19.

6.5 Conferment of Degrees to the Students (First Batch of M.Tech. & MBA) pass out from the University in 2017.

Academic Council was informed that First Batch of students admitted to Master Programmes (M.Tech & MBA) in the year 2015-16 passed out in the examination held in May, 2017. As per the results provided by the Examination branch of the University, 02 students of M.Tech and 10 students of MBA, totaling 12 students in all, were declared passed in the examinations and thus have qualified for award of the degree of Master of Technology and the Master of Business Administration respectively.

The Council was further apprised that first Convocation of the university is scheduled to be held on December 16, 2017. His Excellency Governor, State of Haryana shall preside over the function. Shri Nadir Godrej, Managing Director,

Extract of Minutes of the First Meeting of the Board of Management held on 12.03.15

1.5 Academic Programs to be offered and the commencement of first enrolment of students from the session 2015-16

The Board was informed that no new academic programs is proposed to be introduced in the first academic session of the university, 2015-16. The MRU shall make first enrollment of students in the existing B. Tech, M.Tech and MBA programs with increased intake in the disciplines of Computer Science & Engg. and Mechanical Engg. at Under Graduate level. The academic programs proposed to be offered at UG & PG levels from the session 2015-16 and their intakes are as follows:

B. Tech Programs:

- i) Computer Science & Engineering (180),
- ii) Electronics and Communication Engineering (120),
- iii) Mechanical Engineering (180)
- iv) Information Technology with intake (120)

M. Tech Programs:

- i) M. Tech in Computer Engineering (18)
- ii) M. Tech Electronics and Communication Engineering (18),
- iii) M. Tech. in Mechanical Engineering (18)

Management Program:

MBA (60)

All the above B. Tech., M. Tech. and MBA program are approved by the AICTE. The University has already submitted a letter to the Director General, Higher Education Haryana clarifying that the programs proposed to be offered in 2015-16 are the same as it was approved for the session 2014-15 and it shall commence first enrolment of the students in MRU from 2015-16.

Decision: Board ratified the action taken by the University.

[Handwritten Signature]

Secretary

MRU, Sector 10, Gurgaon, Haryana

2.4 Matters for information

i) Faculty members Joined/ Superannuated/ Resigned from the Service since 01.10.2015 onwards.

The Board was informed that one Professor (Management) has joined the University, one superannuated, one will be superannuating on 31.01.2016 and twenty Faculty members from different disciplines resigned from the post due to their personal reasons. The resignations of all the faculty members were accepted by the Vice-Chancellor. A list showing the name of the faculty members was also placed for perusal of the Board.

ii) Starting of new UG/PG programs from the session 2016-17


It was submitted for information of the Board that the Directorate of Higher Education, Govt. of Haryana vide their letter no. KW 20/5-2013 UNP (5), dated 31.12.2015 has granted permission for starting the three B.A.(H) programs in Economics, Political Science & Sociology, three M.Sc. programs in Physics, Chemistry and Mathematics, one BBA(Corporate Collaboration) program and three B.Ed./Integrated B.Ed. programs Viz. B.Ed., B.A.B.Ed. & B.Sc.B.Ed. It is proposed to start all the above programs from the Academic Session 2016-17 except the B.A.(H) programs in Political Science and Sociology which shall be started from the session 2017-18.

As far as three B.Ed./ Integrated B.Ed. Viz. B.Ed., B.A.B.Ed. & B.Sc.B.Ed., these programs shall also be started from the session 2016-17 subject to approval from the N.C.T.E.

One of the Hon'ble member mentioned that integrated technology programs are quite preferred these days, university should give a thought on it and think of introducing from the session 2017-18. It was fully supported by all the members.

iii) Starting of Ph.D. Program from January, 2016

Hon'ble members were apprised that an Advt. for admission to Ph.D. program was published in leading national dailies for admission in three


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Faculties; i.e. Faculty of Engineering, Faculty of Applied Sciences and Faculty of Management and Humanities. A selection committee comprising of the experts from University of Delhi & IIT Delhi was constituted to interview the candidates for admission to the program. The test and interview for the same were conducted from 18.12.2015 to 20.12.2015 & 11.01.2016. The selection committee has recommended 54 candidates for admission to the Ph. D program.

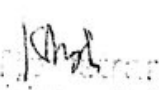
All the selected candidates were issued admission letters, out of them 47 have joined the program. The program commenced from 16th January, 2016 with the registration of the candidates, followed by orientation.

iv) Students Achievements

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The Board was apprised of some of the prominent achievements and laurels that students brought to the university. These are:

- a) In Microsoft Imagine Cup, 2015 National Finals three teams in three different categories emerged out as winner in **Gaming (1st Position), Innovation (1st Position) and World Citizenship (3rd position)**. Finally, the team under innovation category, represented India in the International finals of Imagine Cup, held at Seattle, USA from 27th July to 31st July, 2015.
- b) JehiJha and NehaValecha from ManavRachna University were the lucky few who got an opportunity to be a part of the delegation of 50 Indian Students, selected and sponsored by Ministry of Youth Affairs, Government of India to participate in the first BRICS youth summit held in Kajan, Russia from July 1 – 7, 2015.


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43, Aravali Road, Gurgaon Road,
Faridabad-121001

placement processes and offered job to 237 students between July-2015 to Dec-2015. Around 30 companies participated for the first time.

MRU's graduate got a variety of roles from a wide spectrum of sectors, across multiple functional domains. These include offers from consulting, IT/ITES, E-Commerce, Telecom, Manufacturing, Analytics, Digital Marketing, BPO and Logistics, etc. This year there is a significant increase in the number of companies vying to tap the talent on campus, which is a sign of trust by corporate and opportunity for students of PG courses a detailed report in this regard is placed before the Board.

Decision: The Board took all the information on record with advice that the University should work out for introducing the integrated Technology programs from the academic Session 2017-18.

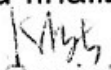
3.5 Approval of the decisions taken by the Finance Committee in its meeting held on 12.01.2016

The Board was informed that third meeting of Finance Committee was held on 12.01.2016 wherein, decisions on financial matters were taken. The minutes of the meeting of the Finance Committee were tabled in the meeting.

Decision: The Board approved the decisions of the Finance Committee. A summary of the decisions are annexed as annexure I.

3.6 Approval of the decisions taken by the Academic Council in its meeting held on 13.01.2016.

The Board was informed that second meeting of the Academic Council was held on 13.01.2016 to discuss and finalize the policies for admission to the


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existing and new programs in the forthcoming Academic Session 2016-17 admission brochure etc. The Minutes of the Academic Council shall be tabled in the meeting.

This was deliberated in detail and it was decided that weightage criteria be removed and the admission to these programs should be made on the merit of the MRNAT only. It was unanimously agreed and approved by all the members.

Decision: The Board approved the decisions of the Academic Council with the stipulation that all the academic programs to which admissions are proposed to be made on the basis of MRNAT, admissions to the programs be made only on the basis of merit in MRNAT. A summary of the decisions of Academic Council is annexed as Annexure II.

3.7 Approval of the Consultancy Rules/ Regulations of the University.

It was submitted for information of the Board that the University intends to encourage faculty members to undertake consultancy works in the area of their expertise as apart from being a part of career progression of the faculty members, it will also be a source of additional revenue generation for both i.e. the faculty concerned and the University. The consultancy services can be offered to the industrial houses, academic bodies, Societies, research bodies etc to provide solution to their problems, or for capacity building. To lay down the procedure for the same, a draft Regulation on Consultancy works has been prepared in consultation with senior faculty members of MRIU /MRU for consideration of the Board. The Draft Regulation was placed in the meeting.

The regulation was deliberated at length. A concern was put-forth as to how the institution can increase the consultancy assignment. This is one of the prime area the university should give thought. For the purpose, it can

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4.9 Any other matter with the permission of the Chair

(1) Withdrawal/Refund Policy for the Academic session 2017-18

Board was informed that the University intends to adopt refund/withdrawal policy prescribed in the UGC (Institution deemed to be university) Regulations, 2016 which prescribes as follows-

a).In case the student informs of his intention not to join the institution at least 7 days before and start of the academic session, then 100% of the fee collected minus the processing charges, which shall not be more than Rs 10,000, or any other amount fixed by UGC. The same shall be refunded within 15 days of receipt of information from the student.

b). In case of such information given by the student and the Institution is able to fill-up the seat so vacated, then 100% of the fees collected minus the processing charges, which shall not be more than Rs 10,000, or any other amount fixed by UGC The same shall be refunded within 15 days of request of refund from the student or expiry of 30 days after opening the academic session, whichever is later.

c).In case no such information is given by the student and Institution is not able to fill up the seat even by the end of 30 days after the opening of academic session, then 50% of the fee collected minus the processing charges, which shall not be more than Rs 10,000, or any other amount fixed by UGC. The same shall be refunded within 15 days of request of refund from the student or expiry of 30 days after opening the academic session, whichever is later.

The Hon'ble members of the Board after deliberation on the need of the same unanimously resolved for adoption of the same in MRU for the session, 2017-18.

Decision: Board approved adoption of the withdrawal/refund policy specified in UGC Regulation, 2016 for the academic session 2017-18.

(2) Approval of Intake and Fee Structure for various UG/PG Programs to be offered during the academic session 2017-18.

Board was informed that during the Academic session 2017-18, the University intends to continue the following UG/PG Programs with intake and fee structure as shown against their names. After deliberation, the Board approved the same as follows :

S.NO.	Name of UG/PG Program	Intake	Fee Structure (p.a.)
Bachelor of Technology			
1	B.Tech. CSE	180	Rs.1,70,000

2	B. Tech. IT	60	
3	B. Tech. ME	120	
4	B.Tech. ECE	60	
Bachelor of Technology (Lateral Entry)			
5	B.Tech. CSE	36	Rs. 1,65,500
6	B.Tech. IT	12	
7	B.Tech. ME	24	
8	B.Tech. ECE	12	
Master of Technology			
9	M.Tech. CE	18	Rs. 1,00,500
10	M.Tech. ME	18	
11	M.Tech. ECE	18	
Bachelor of Business Administration			
1	BBA (Health Care Management) in association with Cygnus Hospitals	40	Rs. 1,50,000
2	BBA (Finance & Accounts) (Note 1)	40	Rs. 1,65,000
3	BBA (Entrepreneurship & Family Business)	40	
Bachelor of Science (Hons.)			
1	B.Sc. (Hons.) Chemistry	25	Rs. 1,00,500
2	B.Sc. (Hons.) Mathematics	25	
3	B.Sc. (Hons.) Physics	25	
Master of Science			
4	M.Sc. Chemistry	20	Rs. 1,00,500
5	M.Sc. Mathematics	20	
6	M.Sc. Physics	20	
Bachelor of Education			
1	B.Ed.	100	RS. 1,00,500
2	B.A. B.Ed. Integrated	50	
3	B.Sc. B.Ed. Integrated	50	
4	M.A (Education)	20	
Faculty of Law to be decide, once after getting approval from the BCI*			

Decision: Approval of Intake and Fee Structure for various UG/PG Programs to be offered during the academic session 2017-18.

(3) Research and Innovation Incentive Scheme for Faculty Members for Research Publication/Patents

Board was informed that presently, only Ph.D. scholars and faculty members are involved in research publications. From this year onwards, it has been decided to involve the UG students also in the research work and publication of papers, articles in refereed journals/patents etc. for which provisions have been made in the Program. In order to

Annexure - XII-A

Manav Rachna University curriculum design principles have been influenced greatly by Yashpal Committee Report on Renovation and Rejuvenation Of Higher Education, 2009. University curriculum lays stress on the following:

1. **Outcome based Learner Centric education:**

a. All courses have well defined learning objectives and outcomes which fulfill the program education objectives and outcomes (PEOs and Outcomes). The PEOs and outcomes are in alignment with the University Vision and Mission. In case the regular LTP (Lecture tutorial and practical respectively) structure is not enough to achieve the outcome, new component called Outcome (O) can be introduced.

b. University follows Choice Based Credit System which allows learners to learn at their own pace by registering for higher or lower number of credits. Through large elective baskets opportunity is provided to follow different learning paths as per learners choice. For example in B Tech CSE program, through the elective choices a student can gain specialization in one of the following 4 fields:

- Mobile App development
- Data Engineering
- Soft Computing
- Software Engineering

2. **Application oriented approach:** The syllabi and pedagogical approach requires the students to apply what they have learnt through:

a. **Engaging with world around them:**

- Ex in courses like Environmental Sciences; Environment Sustainable development students are encouraged for a field trip, identify various problems and try to work on mini projects offering solutions for the problem. Though in the nascent stage, the approach shall help build a professional who is sensitive to needs of society and environment.
- Summer trainings /internships every summer ensures that human resource created is not just employable but also directly deployable. Engineering and Sciences students undertake internships inhouse/industries/startups/research organisations; Management students are engaged in internships every summer; Law students intern with NGOs, Law firms, district courts etc; Education students are engaged with different schools and curriculum development agencies.

- Faculty members are trained by industries like Google, IBM, Accenture, Infosys; Sector Skills Councils such as ESSCI on various new technologies and these faculty intern not only train the students on modules but also develop full courses. One such course of Engineering exploration saw students being trained by faculty from different disciplines and the multi-disciplinary student teams developed a product at the end of the course. The product development process honed the multidisciplinary approach to problem solving and also developed 21st century skills in the students.
- b. **Research Modules:** Students are exposed to the world of research at UG level itself through a structured program module which develops independent thinking process and systematic approach to problem solving.
3. **Multidisciplinary approach:** Students are offered multidisciplinary courses as core/electives. Students of Engineering, Sciences have choices of subjects like Sociology; psychology; Cyber Laws; Patents and IPR; E Waste management etc. Computer Skills in all programs are taught by faculty from Computer Sciences Department. This exposure to various disciplines like humanities, social sciences, aesthetics etc. in an integrated manner, helps in holistic development of learners. Students under Faculty of education study module by Faculty of Law which covers POCSO, Juvenile Justice Act, RTE and Case Studies on physical abuse, juvenile outrage etc from school setup.
 4. **Advanced information:** To bridge the workplace and academia gap; University works closely with Industry. Curriculum design process involves Industry feedback and new technologies such as App Development; Data Science; Machine Learning; Artificial Intelligence etc are brought into the class room through collaboration with Industry. University has been engaging with Infosys through its Infosys Camous Connect Programme since 2009 and various faculty members trained by Infosys are instrumental in curriculum design process. Similar engagements with other companies such as IBM, Accenture, Google have helped in faculty trainings on new technologies which are now offered to students in the form of full fledged core/elective courses; workshop courses; summer training modules etc. University has tied up with XEBIA for offering 2 specialized programmes in Data Science & Machine Learning and Digital Transformation Engineering.

Centre of Excellence by Daikin has helped bring the advanced knowledge in the area of air conditioning to the campus. Faculty members are trained at Daikin and they in turn train students at the inhouse centre of excellence.
 5. **Global citizens:** University offers compulsory Foreign Language courses to all students. Manav Rachna Centre for Foreign Language offers various choices of languages. This helps develop understanding and sensitivity to various cultures across the world. Students are offered soft skills training modules which helps them develop 21st century skills.

Comfort in virtual world through digital skills modules,during orientation program is an important aspect of training of the students.

6. **Holistic development:** University has introduced Manav Rachna Life Skills Programme under which a student is required to earn points through participation in 3 major fields: Extra curricular; Co Curricular and Research and Incubation activities. Complete gamut of activities from sports; dance; volunteering for activities; patents; registered companies, certificate earning are included in the same. Table below lists the various areas in which a student can earn points. This gives students a flexibility to pursue his or her passion and at the same time a reflection of the same is documented. Different departments work with different agencies to hone up skills of their students. For example department of Education works in close collaboration with SASR (Society for Advanced Studies and Rehabilitation) and Expressions India to groom future educators as sensitive facilitators. Extensive capacity building activities are being taken up by the department with Department of School Education, Govt of Haryana in the areas of character building, personality development, aesthetic competencies, special children and innovative pedagogies.

LIFE SKILLS: AREA 1: EXTRA- CURRICULAR PROCESS OWNER CLAN CHIEF/DEAN STUDENTS' WELFARE			
Sl. No	Activities	Maximum Points	Remarks
EC1	Office bearer of Clan	40	20 points awarded for successfully fulfilling responsibilities attached to the post for 1 semester
EC2	Member of Clan/University Competing Team	80	@10 points for being Member of team for 1 semester
EC3	Volunteer for Clan/University Events	40	@ 5 points for each event for which student volunteered.
EC4	Winner of University/Clan level event	50	@ Maximum 10 points for 1 event.
EC5	Participation in University/Clan level event or intra clan event.	40	@ 2 points/@1 point for each participation
EC6	Committee member/organizer of University/Clan level event	40	@5/10 for each event
EC7	Committee member/organizer of Technical Fest/Cultural Fest /Conference	40/60	@20/40 for each event
EC8	Placed within top 3 in competitions at International/National/State/Others level activity	150	International=80; National=40, State=25, Others 10.
EC9	Raising sponsorship for events	50	1 point for each 1000 Rs. Sponsorship raised.

LIFE SKILLS: AREA 2 : CO- CURRICULAR PROCESS OWNER DEAN OF FACULTY			
S. No	Activities	Maximum Points	Remarks
CC1	Office bearer of Professional Bodies	40	@ 10 points for 1 semester
CC2	Member of Professional Bodies	40	@ 5 points for 1 semester
CC3	Participating/Organising Intra/Inter Departmental Technical Workshops/Value Added Courses/events	30	5/10
CC4	Foreign Language Certification	20	@10 per certification
CC5	Online courses / Certification courses successfully completed	40	@ 10 per course. Ex. By registering for MOOCs at EDX, COURSERA
CC6	Published an article	40	@10 per Newspaper/Magazine etc. article

LIFE SKILLS: AREA 3: ENTREPRENEURSHIP/INCUBATION/INNOVATION PROCESS OWNER Director MRIIC /Dean Research			
S. No	Activities	Maximum Points	Remarks
EI1	Creative Project Execution	40	
EI2	Awards for Projects	150	International=80; National=40, State=25, Others = 15.
EI3	Registration of Start-Ups	40	
EI4	Attracted Venture-Capital	100	@20 points for Rs. 50,000/-
EI5	Filed a Patent	100	
EI6	Completed Prototype Development	60	
EI7	Attended International/ National Conference/Convention	40	20/10
EI8	Published a Paper	80	Peer reviewed Journal=40; Indexed Conference Proceedings= 20

Modular Curricula

Course Title/ Code	Database Management System (CSH205) T & P
Course Type	Core
Course Nature	Hard
L-T-P-O Structure	(3-1-2-1)
Objectives	To do logical and physical design of data bases and manipulate them.

Section-A- FOR T1 EXAM

File system & Introduction to DBMS: File, operations on files, file header, Different file organizations - serial, sequential, indexed sequential, direct/hash, Indexing – primary, secondary, single level, multi-level, clustered, Introduction to DBMS – comparison with conventional file processing, ANSI SPARC three level DBMS architecture, data independence, data abstraction, different users of DBMS, Applications of DBMS, SQL(Introduction, Data Types, Constraints, Creation of Tables) – FOR T1 EXAM

Section-B- FOR T2 EXAM

Relational model and Algebra: Introduction to SQL(Insertion of Data, Updating in the data, Alteration in the Schema, Data Fetching, Functions), Relational model – Mathematical formulation, Relation and its properties, domain compatibility, Relational algebra – set operations (union, intersect, difference, cross product), relational operations (select, project, division, joins-cross, inner/outer, theta, natural, equivalence), group operations Tuple calculus, Relational Calculus.– FOR T2 EXAM

Section-C- FOR T3 EXAM

Relational Database design: SQL (Set Operations, group by, order by, Joins), Relational Database Design and ER Model(Entity, Relationship, Strong Entity, Weak Entity, Type of Attributes and their representation), EER(Generalized and Specialization) , Functional dependency, Armstrong inference axioms, Closure and its algorithm, Minimal set of Functional Dependencies and its algorithm, Keys – super key, minimal super key, candidate keys, primary key, foreign key, Algorithm to find primary key.– FOR T3 EXAM

Good decomposition properties – dependency preservation and loss less join, Algorithm for checking los less join decomposition, Synthesis Approach, Anomalies – insertion, deletion and updating, 1 NF, 2 NF, 3 NF, BCNF, Multi - valued dependency, 4 NF, Join dependency, 5 NF.– FOR T3 EXAM

Section-D- FOR T3 EXAM

Transaction processing, Concurrency control & recovery: SQL(Sub queries, View, Sequence, DCL(Roll back, commit)), Introduction to transaction, properties of transaction and life cycle of transaction, Schedule – serial, non-serial, serializable (result, conflict and view), strict schedule, Concurrency and problems related, Concurrency control techniques – Locking, two phase locking, strict, rigorous 2PL, Deadlock – detection, prevention, breaking deadlock, Recovery System, Basic Concepts of Recovery, Database Update(update in place, Deferred Update), Undo-Redo Algorithm, No Undo-Redo Algorithm, Undo-NoRedo Algorithm, Shadow Paging Technique.– FOR T3 EXAM

STUDENT INTERNSHIP**Some of the Major Internships Grabbed by Students****COMPUTER SCIENCE & TECHNOLOGY:**

NAME OF STUDENT	BATCH	INDUSTRY	STIPEND
Akansha Ahuja	2014-18	Gulfainer, UAE	2500 AED
Kartik Sibbal	2015-19	GSoC, Google	2400USD
Mahak Lambha	2013-17	Site Reliability Intern, LinkedIn, Bangalore	Rs. 40,000 pm
Shivam Nagpal	2014-18	Byju's Learning	Rs 25,000 pm
Mayank Yadav	2014-18	Yamaha motor	Rs 21,000 pm
Megha Bhardwaj	2014-18	Times Internet	Rs 21,000 pm
Siddharth Upamanyu	2014-18	Infogain	Rs 18,100 pm
Vaibhav Nagpal	2K14-MRCE-ECE-028	Cubical Laboratories Pvt Ltd.	Rs 18,000 pm
Sunny Verma	2K14-MRCE-ECE-078	Arctic Innovation Consulting Solution Pvt Ltd	Rs 12,000 pm
Nishu Goel	2014-18	United Way	Rs. 10,000 pm
Pranay Kukreja	2014-18	Scanta	Rs. 10,00 pm
Priyanka Sharma	2K14-MRCE-ECE-020	Kixtix Media Pvt Ltd.	Rs 10,000 pm
Daksh Sharma	2015-19	Envestnet, Yodlee India	Rs. 10,000 pm
Vinayak Kumar	2015-19	Coding Ninjas India	Rs. 20,000 pm
Ayush Sharma	2015-19	Gigabyte AORUS and Elite Design	Rs. 10,000 pm

CHEMISTRY:

NAME OF STUDENT	BATCH	INDUSTRY	STIPEND
Ms. Barkha Kaushik	2016-18	Siddharth Grease and Lubes Pvt. Ltd (SGLPL)	5000 pm
Ms. Himanshi Kaushik	2016-18	Siddharth Grease and Lubes Pvt. Ltd (SGLPL)	5000 pm
Ms. Priyanka Tokas	2016-18	Siddharth Grease and Lubes Pvt. Ltd (SGLPL)	5000 pm
Simran Bhatia	B.Ed 2018-20	Mothers' Pride, Sector 86	Rs 10,000 pm
Vrinda Chugh	B.Ed 2018-20	Instructional designer at CA Neeraj Arora	Rs 10,000
Aditya Bhardwaj	B.Sc.B.Ed 2018-22	NIOS Remedial Coach	Rs 5000

FACULTY OF LAW:

NAME OF STUDENT	ADVOCATE/ PROFESSIONAL	CHAMBER / OFFICE	CONTACT DETAILS
Urvi	Mr. Brijesh Lamba	Escorts Faridabad	9999421100
Manan Chawla	Mr. Brijesh Lamba	Escorts Faridabad	9999421100
Priyank Besoya	Adv. Harish Chetal	Ch.No.559, Dis. Court FBD.	9818107822
Deepanshu Bainsla	Adv. Harish Chetal	Ch.No.559, Dis. Court FBD.	9818107822
Rahul Malik	Adv. Sachin	Ch.No. 34, Dis. Court FBD.	9868211438
Sonakshi Bhadana	Adv. Sachin	Ch.No. 34, Dis. Court FBD.	9868211438
Saubhagya Sarup	Adv. Manoj Arora	Ch.No. 217, Dis. Court FBD.	9899974874
Bhupinder Siwach	Adv. Rajesh Khanna	Ch.No. 21, Dis. Court FBD.	9818339776
Pranjali Bharti	Adv.Nitesh Chabra	Ch.No. 606, Dis. Court FBD.	9871693503
Sahil	Adv.Bhupesh	Ch.No. 432, Dis. Court FBD.	jbupesh8@gmail.com
Deep Singh	Adv.Ravinder Atri	Dis. Court Palwal	9868640707

DELHI:

Madhveder Singh	Justice K. Gambhir	Former Judge, High Court of Delhi	9811326671 / 9891114480
Himanshu	Adv. Rajesh Chugh	Ch.No.280, Saket Court, DELHI.	9810070898
Neha Tiwari	NGO	JAGORI/ CHETALI	7042823760
Vishaka Bharti	NGO	JAGORI/ CHETALI	7042823760
Tarun	Perna Arora	Kosha Legal, Delhi	9910800018
Pratyush	Perna Arora	Kosha Legal, Delhi	9910800018
Kumar Lakshay (S)	Adv. Rajesh Chugh	Ch.No.280, Saket Court, DELHI.	9810070898
Shubham Aggarwal	Adv. Rajesh Chugh	Ch.No.280, Saket Court, DELHI.	9810070898
Aman Rai	Adv. Akshat Goel	Supreme Court	9958748585
Krishan Dev	Adv. Akshat Goel	Supreme Court	9958748585
Anoushka Singh	NHRC	NHRC, INA, DELHI	
Jatin Chauhan	NHRC	NHRC, INA, DELHI	

GURUGRAM / NOIDA:

Tejaswi Dudeja	Advocate Suvesh	Supreme Court, Delhi	91857012770
Adarsh Singh	Adv. Aniket	Mayasheel Retail LLP, Sec.35, Gurugram	7004109797
Anshu Chauhan	Adv. Aniket	Mayasheel Retail LLP, Sec.35, Gurugram	7004109797
Mayank	Adv. Vikas Tomar	Dis. Court, Gurugram	9958002005
Prashant Yadav	Adv. Vikas Tomar	Dis. Court, Gurugram	9958002005

MANAGEMENT:

Jatin Bindal	Administration	Panipat	Rs 6000 PM
Akash Bhardwaj	HR		Rs 6000 PM
Komal Garg	Administration & Quality	Rewari	Rs 6000 PM
Meghna Singh	Administration/ FO/ HR		Rs 6000 PM
Manisha	Administration & Quality		Rs 6000 PM
Bhoomika Bholewasi	Marketing / HR	Nangloi	Rs 6000 PM
Tanya Jindal	Marketing / HR		Rs 6000 PM
Dhruv Vashist	HR	Kaithal	Rs 6000 PM
Santosh Kumar	Billing	SDA	Rs 6000 PM
Shrey Pryank Xaxa	Administration	KKR	Rs 6000 PM

TCS Remote Internship Projects

"**Android Application and Web Portal for Manav Rachna College of Engineering**" has been decided as our project for TCS remote internship.

Android Application:

The application consists of student registration and login as an initial step. Thereafter, student can view his/her attendance, time table, results etc. He/She would also get the notifications about various events and can update the personal information as well.

Web Portal:

The portal would provide the user interface for the administrator where he/she can update the results, time table and notifications as well. Admin can also create or delete the student information if needed.

Team members:

1. Ashish Bhatia
2. MahakLamba
3. Nakul Sharma
4. Sourabh

STUDENT CHAPTERS OF PROFESSIONAL BODIES

Sl. No.	Name of the Event	Organized by	Date of Event (DD/MM/YYYY)
	Technical Club:		
1	Programming Contest For 2nd Year	CST,MRU	3/3/2017
2	APP Development Contest for 3rd Year	CST,MRU	26/03/2017
3	Programming Quiz For 1st Year: Tech Mage	CST,MRU	1/5/2017
	IEEE Chapter:		
1	Cloud Computing on Azure	IEEE Delhi SAC	25/02/2017
2	Technical Paper Writing and Publishing Workshop	IEEE Delhi Section	13/04/2017
3	Malnutrition and Personal Hygiene Workshop	MRU IEEE	21/03/2017
4	Indian Gaming Show 2K17	Pragati Maidan	3/2/2017
5	Lan Gaming	MRU IEEE	6/4/2017

STUDENT CHAPTERS OF PROFESSIONAL BODIES

Sl. No.	Name of the Event	Organized by	Date of Event (DD/MM/YYYY)
	GCNC-MR Chapter:		
1	Workshop on "Green Chemistry for Sustainable Solutions"	MRU	29.05.2018
2	Workshop on Green Chemistry	MRU	30.11.2016
3	International Conference on 'Sustainable Initiatives in Water Management'	MRU	6.3.2018

SEMINAR & WORKSHOPS**Distinguished Speakers for Seminar**

Organisation/Institute	Name of Speaker	Benefit to: Faculty, student, Both	No. of Students & Faculty Benefitted	Topic/ Theme	Date
Nokia Siemens Networks	Mr. Sonal Gupta	Both	65/12	Voice over LTE	21.10.2016
CSC India Pvt. Ltd.	Mr. Sandeep Bhardwaj	Both	84/21	Software Testing & Agile Process	07.11.2016
MothersonSumiInfotech & Designs Ltd, Noida (India), SEI CMMi Level 3 Company	Mr. Joginder Singh	Both	66/14	IoT (Internet of Things)	17.11.2016
HCL Technology	Mr. Rohit Dhall	Both	56/16	Big Data & Cloud Computing	23.02.2017
Accenture	Mr. Parvinder Bajwa	Both	35/25	Agile Methodology	10.03.2017
Venture7 Technology Pvt. Ltd.	Mr. Sumit Choudhary	Faculty	22	PHP	18.03.2017
IBM India Pvt. Ltd, Gurgaon	Ms. Rashmi Vohra	Both	80/16	Agile and Scrum	16.03.2017
OLX India PvtLmt	Mr. Prikshit Gupta	Both	57/21	Kanban Methodology	06.04.2017
Annexure	Mr. Pramod Pal	Both	65/20	Data warehouse Management	07.04.2017
IBM India PVT LTD	Mr. Amitava Chakraborty	Both	60/16	Database Technology	25.04.2017
Delhi School of Internet Marketing (DSIM) and DigiPerform	Mr. Vaibhav Munjal	Both	65/20	Digital Marketing	17.07.2017
Krishna Maruti group	Mr. Nagesh Marwaha	Both	150/20	Qualities looked by Recruiter	24.07.2017

Organisation/Institute	Name of Speaker	Benefit to: Faculty, student, Both	No. of Students & Faculty Benefitted	Topic/ Theme	Date
Ahuja Consulting, USA	Dr. Satinder Ahuja	Both	80/24	Water Pollution and requirement of good sustainability programs for regular monitoring of water resources	06.03.2018
Indian Oil Corporation Ltd	Dr. Shashikant	Both	44/10	Olefin Polymers	18.11.2016
University of York, U.K.	Dr. Avatar Matharu	Both	100/26	Green Chemistry: Future trends	21.03.2017
Indian Oil R&D Centre, Faridabad	Dr. Mohan Prabhu	Both	60/14	Designing of FCC catalysts and additives	16.11.2017
Gargi College and University of Delhi	Dr. Indu Tucker Sidhwani	Both	40/12	Workshop on Green Chemistry	30.11.2016
Norwegian Institute of Water Research (NIVA)	Dr Luca Nizzetto	Faculty	10	Plastic Pollution	12.02.2018
Agilent Technologies	Mr. Bharat Bhardwaj, Country Manager	Both	100/20	Recent trends in Analytical Chemistry	1.05.2018
Azim Premji Foundation	Dr Shabda Bedi	Both	70/7	Gaming as pedagogy	
NCERT	Mr Manoj	Both	58/6	Puppetry	
MRIS, 21C	Ms Swati and Ms Anubha Bhatia	Both	54/6	Calligraphy	22.8.2017
MRIS, Charmwood	Ms Reshma Bhowan	Both	58/7	An Inclusive Classroom	2.11.17
MRIC	Dr Patrali Bannerjee	Both	58/7	Intellectual Property Rights	20.9.2017
Apple Education	Ms Lissa	Both	74/7	Apple Learning Technologies	10.10.2017
Juana technologies	Mr Bibhuti Sinha	Faculty	30	Microsoft Imagine Acedemy	
Google Education	Ms Sunit Kaur	Faculty	10	Google Education	6.11.17
Consultant	Mr Animesh Tripathi	Both	63/5		

Organisation/Institute	Name of Speaker	Benefit to: Faculty, student, Both	No. of Students & Faculty Benefitted	Topic/ Theme	Date
Consultant	Mr Sandeep Marwah	Both	63/5		
	Ms Kirti Mittal	Both	63/5		
Bloomberg professional services	Mr Kaizad Maralia	Both	63/5		
IMA USA	Dr Raef Lawson	Both	63/5		
Miles Professional services	Mr Varun Jain	Both	63/5		
KPMG	Ms Sucheta Kalra	Both	63/5		
Cygnus Hospitals	Dr Suchin Bajaj	Both	63/5		
Gennext Professionals Softrade Private Limited	Gennext Professionals Softrade Private Limited	Both	63/5		
License India	Ms. Sonalika Malik	Both	100/5		
McKinsey India	Mr Kaushal Mehtani	Both	100/5		
IMA USA	Mr Rishi Malhotra	Both	100/5		
Miles Professional services	Mr Rohan Chopra	Both	63/5		
Aditya Birla Group	Robin Manchanda	Both	100/5		
		Both	63/5		
Hyatt Regency New Delhi	Mr Sanjeev Sethi	Both	63/5		
Entrepreneur	Mr Siddharth Agarwal	Both	63/5		
Indian Institute of Coal Management Ranchi	Sanjay Kumar Singh	Both	63/5		
Popularizers Digital Marketing,	Mr Sarvesh Pancholi	Both	63/5		
KCC consultants	Sharad Kohli	Both	63/5		
Walmart Global E Commerce	Tulika Jha	Both	63/5		
Miles Professional	Varun Jain	Both	63/5		
	Ms Kaur	Both	63/5		
Simplified Fintech	Gitanjali Gupta	Both	63/5		
Tata Telecom	Kaushal Mehtani	Both	63/5		
GGSIIP University	Sanjiv Mittal	Both	63/5		
NIESBUD	Mr Chandra	Both	100/5		

INDUSTRY ACADEMICA PARTNERSHIP

Infosys Campus Connect	Regular trainings of Faculty by Infosys.
Summer Training Modules	Programming Fundamentals, Database Fundamentals, Python Database Integration, Object Oriented Programming using Python, Advance Database
Industrial Visit	03 Industrial visit for B.Tech (2015-17), (2016-17) & (2017-18) batch students
Faculty Training & FDP	They support faculty members to attend training and FDP
Venture7 Pvt. Ltd.	Description
Web Designing Workshop	Conducted 04 days workshop (15-18 Nov 2016) for 3 rd Sem B.Tech CSE/IT students.
Testing	Conducted 36 Hours module for 2 nd Sem during Summer Training June 2016.
PHP	Organized 01 day workshop for faculty members on March 2017.
CNC Training	RVM CAD Centre
ANSYS Training	H R CAD Centre
Industrial Visit	Organised 3 Industrial visit for all mechanical year students
Faculty Training Program	DAIKIN provided training to the faculties at their centre Neemrana, Rajasthan
Indian Oil Corporation Ltd	Summer training Project: 4 MSc students in 2017; 4 MSc students in 2018 2 students placed there for Contractual job in 2018 Summer training Project.
Sidharth Greese and Lubes Ltd	2 MSc students in 2017; 2 MSc students in 2018
National Council for Cement and Building Material	Summer training Project: 4 MSc students in 2017; 4 MSc students in 2018
National Thermal Power Corporation	Summer training of 5 students of MSc in 2018
Pragati Power Corporation	Summer training of 5 students of MSc in 2018
SHREYA LIFE SCIENCES, ROORKEE	Industrial Visit; Summer training of 2 MSc students in 2017
Defence Research and Development Organization; Delhi	Summer training of 2 students of MSc in 2018
Jubilant Chemsys, Noida	Summer training of 1 student of MSc in 2018
NPCIL, Narora	Industrial Visit
Dr. Reddy's Laboratoy	Summer training of 2 students of MSc in 2018
Character Building and Personality Development	Organised three day workshop for Faridabad District Governement School teachers on January 23-25, 2018
Art and Craft Workshop	organised One Day workshop for Government School Teachers Adopted by Faridabad Navchetna Trust on Februry 9, 2018
Multiple Intelligence	Organised One day workshop for MRIS counsellors and Special Educators in July 2017
Art of Teaching Science	Organised One day workshop for 50 Scienc Teachers from Delhi-NCR Public Schools in October 2017

ADVISORY BOARD

FACULTY OF LAW:

Hon'ble Mr. Justice R.C. Lahoti	(Former Chief Justice of India) Chairman
Hon'ble Mr. Justice K.K. Lahoti	(Former Acting Chief Justice, Hon'ble High Court of Madhya Pradesh) Member
Hon'ble Mr. Justice Karashil Gambhir	(Former Judge, Hon'ble High Court of Delhi) Member
Hon'ble Mr. Justice Rajiv Bhalla	(Former Judge, Hon'ble High Court of Punjab and Haryana) Member
Mr. Atmaram Nadkarni	(ASG, Government of India) Member
Mr. Jasbir Singh Bajaj	(IAS) Member
Mr. R. K. Bajaj,	Former Chief Commissioner - Income Tax
Mr. Parag Tripathi	(Senior Counsel) Member
Mr. Gourab Banerji	(Senior Counsel) Member
Mr. Ravindra Srivastav	(Senior Counsel) Member
Mr. Gopal Jain	(Senior Counsel) Member
Mr. Sanjeev Sharma	(Senior Counsel) Member
Mr. Vinay Bhasin	(Senior Counsel) Member
Mr. Ashok Gupta	(Senior Counsel) Member
Mr. Sudhir Sharma	(Partner, Luthra & Luthra) Member
Mr. Anup Trehan	(Partner, Access Law) Member
Mr. Shashank Garg	(Partner, Advani & Co.) Convener

FACULTY OF MANAGEMENT & HUMANITIES:

Management Simulation	<i>Marketplace, U.S.A Simulation Games on November 11, 2016</i>
Seminars	One day seminar was organized on Healthcare Management on May 25, 2018 for students and faculty
New Product Development Workshop INNOSKILLS	Organized half day workshop on New Product development on April 3, 2018
Industry Project	Students have to undertake an industry based Project in Semester III
Industry Applied Project	Students have to undertake an industry based research Project in Semester IV
Theatre Workshop	7th Oct 2015 on Interpersonal skills for students
IMA India Student Case	in Association with IMA USA on Accounting
Venture Strategy Simulation Games Competition	for students who intend to start entrepreneurial ventures on April 11-13, 2017
Real Estate Conclave	2/19/2016 for students and faculty
Train the Trainer workshop in association with IMA USA	July 17-18, 2018 for faculty
Bloomberg Financial Software	Training on Bloomberg Financial Software
Flip Class	Students are asked to teach the topics assigned in class
Role Plays	Students are given role play exercises in communication class
Movies and movie clips	Students were taught leadership lessons through movies and movie clips in orientation
Start Ups	Student has to start an entrepreneurial venture individually or as a team

UNIVERSITY GRANTS COMMISSIONAppendix-XV**Information about the Equipment (Education Lab):(Education Curriculum)**

Sl No	Item Description	Location Deptt	Qty.	Present Condition	
1	Chart of Plant Kingdom	Education	1	Good	
2	Chart of Animal Kingdom	Education	1	Good	
3	Structure of Atom (Chart /Model)	Education	1	Good	
4	Light (Reflection) (Chart /Model)	Education	1	Good	
5	Test tube brush	Education	1	Good	
6	Measuring cylinder (10 ml)	Education	1	Good	
7	Measuring cylinder (50 ml)	Education	1	Good	
8	Hot Oven	Education	1	Good	
9	Stop watch	Education	1	Good	
10	Connecting Wire (50 cm)	Education	1	Good	
11	Scissor (Big)	Education	1	Good	
12	Scissor (Small)	Education	1	Good	
13	Resistors (10 ohm)	Education	1	Good	
14	Resistors (20 ohm)	Education	1	Good	
15	Resistors (30 ohm)	Education	1	Good	
16	Resistors (40 ohm)	Education	1	Good	
17	Hand gloves (pair)	Education	1	Good	

Sl No	Item Description	Location Deptt	Qty.	Present Condition	
18	Magnesium Ribbon	Education	1	Good	
19	Chart of Animal Cell	Education	1		
20	Human Heart (Model)	Education	1		
21	Human Ear (Model)	Education	2		
22	Human Eye (Model)	Education	3		
23	Human Brain (Model)	Education	2		
24	Human Respiratory System (Model)	Education	1		
25	Dissection Plate (Steel-1), (Enamel-1)	Education	2		
26	Compound Microscope	Education	3		
27	Life Cycle of Silk Moth	Education	1		
28	Life Cycle of Mosquito	Education	1		
29	Life Cycle of Housefly	Education	1		
30	Life Cycle of Honey Bee	Education	1		
31	Meosis in plants (slides)	Education	1		
32	Microscopic Slides for preparation	Education	1.5 Pack		
33	Stem Modifications (Chart)	Education	1		
34	Human Kidney	Education	1		
35	Specimen – Cat Fish	Education	1		
36	Specimen – Ascaris	Education	1		
37	Specimen – Leech	Education	1		
38	Specimen – Crab	Education	1		
39	Specimen –Toad	Education	1		

Sl No	Item Description	Location Deptt	Qty.	Present Condition	
40	Specimen –Rat	Education	1		
41	Specimen –Butter fly	Education	1		
42	Specimen –Scoliodon	Education	1		
43	Specimen –Sea Horse	Education	1		
44	Specimen –Snake fish	Education	1		
45	Specimen –Frog L.S.	Education	1		
46	Specimen –Coral	Education	1		
47	Specimen –Centepede	Education	1		
48	Specimen –Sponge	Education	1		
49	Specimen –Pila	Education	1		
50	Specimen –Unio	Education	1		
51	Specimen –Star Fish	Education	1		
52	Specimen –Fluke	Education	1		
53	Specimen –Rohu Fish	Education	1		
54	Specimen –Prawn	Education	1		
55	Prepared Slide of Amoeba	Education	1		
56	Prepared Slide of Euglena	Education	1		
57	Stages of Meosis	Education	1		
58	Dissection Box	Education	1		
59	Human Excretory System (Chart)	Education	1		
60	Human Digeitive System (Chart)		1		
61	Human Circulatory System (Chart)		1		

SI No	Item Description	Location Deptt	Qty.	Present Condition	
62	Human Nervous System (Chart)		1		
63	Permanent Slides		1 box		
64	Specimen - Monocot Root		1		
65	Specimen - Dicot Root		1		
66	Simple Microscope		1		
67	Compound Microscope		3		

EXAMINATION SYSTEM

The University follows a policy of continuous evaluation with the objective of training a student to put in sustained, steadfast and a disciplined effort over the entire period of study. The assessment system of both theory & practical is based on formal examinations/tests (Part A) and a component of continuous assessment (Part B).

The formal examination can be of different modes (normal written mode, open book, open access, multiple choice, essay type, case study based etc.). These modes of examination are announced well in advance by the course coordinators.

Instruments of PART B evaluation can be quiz/ assignment/ problem solving/ class participation/ presentations/ seminars/ term paper submission/ project submission etc. These may be pre-announced or conducted by surprise.

Details of weightage of the same are:

- (i) For hard courses, the PART A of the semester evaluation shall comprise as given below in the Table 1:

Table 1

Theory:	100%
Test T ₁ (approx 5 weeks into the semester)	25 %
Test T ₂ (approx 10 weeks into the semester)	25 %
Test T ₃ (at the end of the semester)	50 %
Practical:	100%
Test PT ₁ (approx 5 weeks into the semester)	25 %
Test PT ₂ (approx 10 weeks into the semester)	25 %
Test PT ₃ (at the end of the semester)	50 %

- (ii) For soft courses, the PART A evaluation will be done as given below in the Table 2:

Table 2

Theory:	100%
One Test T3 (at the end of the semester)	100%. Additional tests with weightage not more than 30%, at the discretion of Course Coordinator can be introduced but need to be announced at the start of the semester.
Practicals:	100%
Test PT ₁ (approx 5 weeks into the semester)	25 %
Test PT ₂ (approx 10 weeks into the semester)	25 %
Test PT ₃ (at the end of the semester)	50 %

- (iii) Courses having only P and/or O components shall follow the structure of Practical Examination as given in the Table 1.
- (iv) Summer Trainings/ Internships etc. shall culminate in submission of project report and its evaluation. The mode of evaluation shall be announced at the beginning of the summer training.

Methods of Evaluation of Answer Scripts

The process of evaluation of answer sheets comprises following steps:

1. A **Central Spot Evaluation Center** is formed for the evaluation of End Semester theory answer scripts. The evaluation process for all answer scripts of end semester examinations carried out at this Centre. Evaluators are not allowed to take any answer script out of this Centre.
2. Dean Examination nominates two senior faculty members, as In charge of Spot Evaluation Center. The responsibility of safe custody of answer sheets & their evaluation rests solely with these In-charges.
3. On the basis of recommendations received from Board of Studies, Dean Examination appoints external experts from other Universities / Colleges for practical / theory component such as evaluation / viva-voce / project evaluation etc.
4. On each day of examination, the written answer sheets are delivered to the Examination Branch. The answer sheets received are marked with coded roll numbers and answer sheets are delivered to the Spot Evaluation Centre by the Examination Department along with a dispatch memo in sealed envelopes.
5. The number of answer sheets in each envelope is verified as per dispatch memo by the receiving authority at the Spot Evaluation Centre.
6. An Evaluation Team for each subject is nominated by the Head of the Department with the approval of Dean of Faculty. The same is shared with the In-charge Spot Evaluation Center.
7. The Evaluation Team submits an answer key and then starts the evaluation of answer scripts. In case of answer scripts of different set of students for the same subject, the team members are uniformly assigned different questions across all the answer scripts. Therefore, any discrepancy due to human bias is minimized.
8. Spot evaluation is completed within seven working days from the day of last examination.
9. Once evaluation of a set of answer scripts is completed, all answer scripts are checked for correct totaling of marks and any question left unchecked. Once this process is completed, the marks are entered in award list, signed by Evaluators and then handed over to office of CoE.
10. The evaluated answer scripts are sent to the CoE Office for records.
11. On completion of the evaluation, an Open House is called for the students to examine their evaluated answer sheets and point out any mistake in the evaluation for consideration/correction.

FACULTY OF ENGINEERING:

- For B.Tech. Programme, 2018 merit list is prepared on the basis of score in JEE-Main 2018 examination (first preference) or Uni-GAUGE 2018 examination (second preference) examination. Seats remaining vacant, if any are filled on the basis of marks in qualifying examination i.e. Class XII. Selection of the candidate is subject to being found fit during the personal interview.
- For B.Tech. Lateral Programme, the merit list is prepared on the basis of marks obtained in MRNAT 2018. Seats remaining vacant, if any are filled on the basis of marks in qualifying degree.
- For M. Tech. Programme, the merit list is prepared on the basis of valid GATE score in the relevant stream. Seats remaining vacant, if any are filled on the basis of marks in qualifying degree.

FACULTY OF APPLIED SCIENCES:

- For B.Sc.(Hons.) Programme, the merit list is prepared on the basis of marks obtained in MRNAT 2018. Seats remaining vacant, if any are filled on the basis of marks in qualifying degree.
- For M.Sc. Programme, the merit list is prepared on the basis of marks obtained in MRNAT 2016. Seats remaining vacant, if any are filled on the basis of marks in qualifying degree.

FACULTY OF MANAGEMENT & HUMANITIES:

- For BBA. Programme, the merit list is prepared on the basis of marks obtained in MRNAT 2018. Seats remaining vacant, if any are filled on the basis of marks in qualifying degree. Selection of the candidate is subject to being found fit during the personal interview.

- For MBA Programme (except MBA Executive programme), the merit list is prepared on the basis of score in CAT/MAT/XAT followed by Group Discussion and Personal Interview as first preference. Seats remaining vacant, if any are filled on the basis of marks in qualifying degree followed by Group Discussion and Personal Interview.
- For MBA Executive Programme, the merit list is prepared on the basis of Personal Interview.

FACULTY OF EDUCATION:

B.Ed.:

Candidates having passed with 50% or more marks in aggregate in the Bachelor's degree and/or in Master's degree in Sciences/ Social Sciences/ Humanities, Bachelor's in Engineering or Technology with specialization in Science and Mathematics with 55% marks or any other qualification equivalent thereto.

B.A. B.Ed Integrated:

Candidates having passed 10+2 with 50% or more marks in aggregate.

B.Sc. B.Ed Integrated:

Candidates having passed 10+2 with 50% or more marks in aggregate in Science-Medical/ Non Medical Stream.

M.A. (Education):

Candidates having passes with 50% or more marks in graduation in any discipline (with or without education as specialization).

FACULTY OF LAW:

B.A. LLB (Hons.)/BBA LLB (Hons.)/ B.Com LLB (Hons.)

Candidates having passed 10+2 with 50% or more marks in aggregate.

Ph.D PROGRAMME:

For Ph.D. Programme, admission is based on merit in entrance test and interview as per UGC Guidelines.

➤ **FACULTY OF ENGINEERING:**

• **B.Tech.:**

Candidates having passed 10+2 Examination from the CBSE/State Boards or from any other recognized Board/Council with 50% aggregate marks (70% in case of specialization courses in collaboration with Industry) in five 5 subjects with Physics, Mathematics and English as compulsory subjects.

• **B.Tech. (Lateral Entry):**

Candidates having passed Diploma in Engineering in the relevant discipline of 3 year duration, from recognized Board or B.Sc. Degree with Physics and Mathematics as subjects from a recognized University as defined by UGC with atleast 60% marks in aggregate.

• **M.Tech. (CE):**

B.E./B.Tech. in Computer Science & Engineering/ Computer Technology/ Information Technology/ MCA or equivalent with minimum 55% marks.

• **M.Tech.(ME):**

B.E./ B.Tech. in Mechanical Engineering/ Production Engineering/ Automobile Engineering/ Industrial Engineering/ Agriculture Engineering/ Aeronautical Engineering/ Marine Engineering/ Mining & Metallurgy or equivalent with minimum 55% marks.

• **M. Tech. (ECE):**

B.E/ B.Tech. in Electronics & Communication/ Electronics & Instrumentation/ Electronics Engineering/ Electronics Instrumentation & Control/ Instrumentation & Control/ Electrical Instrumentation & Control/ Instrumentation Engineering/Control Engineering/Electronics Engineering or equivalent/M.Sc. Physics/ M.Sc. Electronics with minimum 55% marks.

➤ **FACULTY OF APPLIED SCIENCES:**

• **B.Sc.(Hons.) Chemistry:**

Candidates having passed 10+2 examination from any recognized Board with 50% or more marks in aggregate of three Science subjects Physics, Chemistry and Mathematics/ Biology along with English.

• **B.Sc.(Hons.) Mathematics & B.Sc.(Hons.) Physics:**

Candidates having passed 10+2 examination from any recognized Board with 50% or more marks in aggregate of three Science subjects Physics, Chemistry and Mathematics along with English.

• **M.Sc. Chemistry/ Physics & Mathematics:**

Candidates having passed with 50% or more marks in B.Sc.

➤ **FACULTY OF MANAGEMENT & HUMANITIES:**

• **BBA:**

- Finance & Accounts
- Entrepreneurship & Family Business
- Health Care Management
- Operations Management with specialization in Logistics, Supply Chain Management and Project Management

Candidates having passed 10+2 examination from any recognized Board with 50% or more marks in aggregate.

➤ **FACULTY OF EDUCATION:**

B.Ed.:

Candidates having passed with 50% or more marks in aggregate in the Bachelor's degree and/or in Master's degree in Sciences/ Social Sciences/ Humanities, Bachelor's in Engineering or Technology with specialization in Science and Mathematics with 55% marks or any other qualification equivalent thereto.

B.A. B.Ed. Integrated:

Candidates having passed 10+2 with 50% or more marks in aggregate.

B.Sc. B.Ed. Integrated:

Candidates having passed 10+2 with 50% or more marks in aggregate in Science – Medical/ Non-Medical stream.

M.A. (Education):

Candidates having passes with 50% or more marks in graduation in any discipline (with or without education as specialization).

➤ **FACULTY OF LAW:**

B.A. LLB (Hons.) / BBA LLB (Hons.) / B.Com LLB (Hons.):

Candidates having passed 10+2 with 50% or more marks in aggregate.

➤ **Ph.D:**

The admission to Ph.D programme would strictly be done on the basis of UGC M.Phil / Ph.D Regulations 2016 available on website (www.mru.edu.in). An applicant possessing any of the following qualifications shall be eligible to apply for admission to a Ph.D programme of the University:

- a. Master's degree or a professional degree declared equivalent to the Master's degree by the corresponding statutory regulatory body with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) or an equivalent degree from a Foreign Educational Institution accredited by on Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of Educational Institutions.
- b. Candidates who have cleared the M.Phil. course work with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) and successfully completing the M.Phil. Relaxation of marks in minimum eligibility shall be given as per UGC Regulation, 2016.

- c. Candidates possessing a Degree considered equivalent to M.Phil. Degree of an Indian Institution, from a Foreign Education Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of Educational Institutions shall be eligible for admission in Ph.D Programme.

UNIVERSITY GRANTS COMMISSION**Fee Structure for 2018-19**

Faculty	Programme	Total Seats	Tuition Fee	Development Fee	University Fee *	Student Resource Fee	Training Partner Fee	Total of 1st Installment	2nd Installment	Total
FoE	B.Tech.	270	55000	35000	12000	24500		126500	55000	181500
	B.Tech in Computer Science with specialization in Data Science & Machine Learning	30	71000	35000	12000	24500	30500	173000	71000	244000
	B.Tech in Computer Science with specialization in Digital Transformation Engineering	30	71000	35000	12000	24500	30500	173000	71000	244000
	B.Tech. - Lateral	17	50000	35000	12000	24500		121500	50000	171500
	M.Tech.	54	27500	25000	12000	14000		78500	27500	106000
FoM&H	BBA(Health Care Management)	30	55000	25000	12000	14000		106000	55000	161000
	BBA (Finance & Accounts)	90	54500	25000	12000	14000	16000	121500	54500	176000
	BBA (Entrepreneurship & Family Business)	30	62500	25000	12000	14000		113500	62500	176000
	BBA (Operations Management with specialization in Supply Chain Management Logistics & Projects Management)	60	62500	25000	12000	14000		113500	62500	176000
FoASc.	B.Sc. (Hons.)-Physics	25	27500	25000	12000	14000		78500	27500	106000
	B.Sc. (Hons.)-Chemistry	50	27500	25000	12000	14000		78500	27500	106000
	B.Sc. (Hons.) Mathematics	25	27500	25000	12000	14000		78500	27500	106000
	M.Sc.- Physics	20	27500	25000	12000	14000		78500	27500	106000
	M.Sc.- Chemistry	30	27500	25000	12000	14000		78500	27500	106000
	M.Sc.- Mathematics	20	27500	25000	12000	14000		78500	27500	106000
FoEd.	B.Ed.	100	27500	25000	12000	14000		78500	27500	106000
	B.A B.Ed. Integrated	50	27500	25000	12000	14000		78500	27500	106000
	B.Sc. B.Ed. Integrated	50	27500	25000	12000	14000		78500	27500	106000
	M.A. (Education)	20	27500	25000	12000	14000		78500	27500	106000
FoL	B.A. LLB	60	56000	35000	12000	24000		127000	56000	183000
	BBA LLB	60	56000	35000	12000	24000		127000	56000	183000
	B.Com LLB	60	56000	35000	12000	24000		127000	56000	183000
	Total	1181								
* It includes Life Time Alumni Membership Fee of Rs. 3000/- (One Time at time of Admission)										

APPROVED HOSTEL TARIFF FOR 2018-2019

CBH-2 D.D IN FAVOUR OF - Uthan Educational Trust- Hostel

Seat Category	Rent	Medical Care	Insurance	Security	Mess Charges	Laundry Charges	Total
2 Seated A/B-AC	91400	1000	1000	20000	45000	3600	162,000.00
2 seated A/B-Non-AC	81400	1000	1000	5000	45000	3600	137,000.00

CBH-1 D.D IN FAVOUR OF - Uthan Educational Trust- Hostel

Seat Category	Rent	Medical Care	Insurance	Security	Mess Charges	Laundry Charges	Total
2 Seated C/B Non AC	69400	1000	1000	5000	45000	3600	125,000.00
4 Seated C/B Non AC	51400	1000	1000	5000	45000	3600	107,000.00

**Campus Girl's Hostel D.D IN FAVOUR OF
M R Education Trust - Hostel**

Seat Category	Rent	Medical Care	Insurance	Security	Mess Charges	Laundry Charges	Total
2 Seated A/B-AC	91400	1000	1000	20000	45000	3600	162,000.00
2 Seated C/B-AC	76400	1000	1000	20000	45000	3600	147,000.00
2 Seated C/B-Non AC	69400	1000	1000	5000	45000	3600	125,000.00
3 Seated C/B Non AC	55400	1000	1000	5000	45000	3600	111,000.00
3 Seated C/B-AC	66400	1000	1000	20000	45000	3600	137,000.00
5 Seated C/B-AC	58400	1000	1000	20000	45000	3600	129,000.00
5 Seated C/B Non-AC	49400	1000	1000	5000	45000	3600	105,000.00

**Off Campus Girl's HOSTEL D.D IN FAVOUR OF
Manav Rachna International Institute of Research and Studies - Hostel**

Seat Category	Rent	Medical Care	Insurance	Security	Mess Charges	Laundry Charges	Total
2 Seated A/B-AC	85000	1000	1000	20000	45000	0	152,000.00
2 Seated A/B-Non AC	60000	1000	1000	5000	45000	0	112,000.00
3 Seated A/B AC	65000	1000	1000	20000	45000	0	132,000.00
3 Seated A/B Non AC	48000	1000	1000	5000	45000	0	100,000.00

Note : Laundry facility is not for off Campus Hostels.

Dr. P. Chawla
16/3/18.

Annexure-XIX

Department	Total Faculty Required	Professor		Associate Professor		Assistant Professor		Visiting/ Temporary/ Contractual
		Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled	
CST	37	4	2	8	7	25	29	0
ME & Industrial Engg & Mgt.	13	1	0	3	5	9	10	2
ECE	6	1	0	2	2	3	12	0
Physics	9	1	1	2	1	6	5	1
Chemistry	12	2	2	2	2	8	7	3
Maths	9	1	0	2	2	6	10	0
Management & Humanities	19	2	3*	3	1	14	6	6
Law	29	3	0	6	3	20	9	3
Education	33	1	0	2	3**	30	7	3
Total	167	16	8	30	26	121	95	18

* & ** Promoted under CAS

University Grants Commission
Appendix-XIII

Information about the Teaching Staff:


S.NO	DEPTT.	FACULTY NAME	DESIGNATION	D.O.B	D.O.J	QUALIFI - CATION	SCALE OF PAY	FULL TIME OR PART TIME	REGULAR OR ADHOC	MALE OR FEMALE
1	CHEMISTRY	MEGHA MITTAL	ASSOCIATE PROFESSOR	9/20/1978	1/3/2011	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
2	CHEMISTRY	DR. SUDHISH KUMAR SHUKLA	ASSOCIATE PROFESSOR	7/4/1982	6/1/2012	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	MALE
3	CHEMISTRY	ARPIT SAND	ASSISTANT PROFESSOR	3/13/1983	3/6/2014	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	MALE
4	CHEMISTRY	ROOPA RANI	ASSISTANT PROFESSOR	8/4/1987	8/16/2017	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
5	CHEMISTRY	EKTA RAWAT	ASSISTANT PROFESSOR	5/21/1986	7/29/2017	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
6	CHEMISTRY	PREM KISHORE PATNALA	ASSISTANT PROFESSOR	12/7/1987	9/4/2017	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	MALE
7	CHEMISTRY	VINAYAK VANDAN PATHAK	ASSISTANT PROFESSOR	6/30/1990	9/7/2017	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	MALE
8	CHEMISTRY	JAYA TUTEJA	ASSISTANT PROFESSOR	1/23/1989	1/10/2018	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
9	CHEMISTRY	SANGITA BANGA	PROFESSOR	10/20/1972	7/16/2004	Ph.D	PB 4 37400-67000	FULL TIME	REGULAR	FEMALE
10	CHEMISTRY	PRITI GUPTA	ASSISTANT PROFESSOR	6/25/1982	1/23/2017	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
11	CHEMISTRY	J.S RATHORE	PROFESSOR	1/12/1956	3/1/2018	Ph.D	PB 4 37400-67000	FULL TIME	REGULAR	MALE
12	CST	MRINAL PANDEY	ASSISTANT PROFESSOR	12/13/1976	7/20/2009	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
13	CST	SACHIN LAKRA	ASSOCIATE PROFESSOR	7/4/1976	7/29/2005	Ph.D	PB 4 37400-67000	FULL TIME	REGULAR	MALE
14	CST	HANU BHARDWAJ	ASSOCIATE PROFESSOR	12/26/1977	8/16/2005	M.TECH	PB 4 37400-67000	FULL TIME	REGULAR	FEMALE
15	CST	BHARTI JHA	ASSISTANT PROFESSOR	1/14/1980	1/22/2007	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
16	CST	RITU SALUJA	ASSISTANT PROFESSOR	10/5/1984	7/27/2006	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
17	CST	NEELU CHAUDHARY	ASSISTANT PROFESSOR	8/27/1982	3/3/2008	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
18	CST	RAM CHATTERJEE	ASSISTANT PROFESSOR	3/23/1980	8/2/2010	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
19	CST	DEEPANSHI GUPTA	ASSISTANT PROFESSOR	9/21/1986	3/4/2011	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
20	CST	PRIYANKA GUPTA	ASSISTANT PROFESSOR	2/22/1980	3/10/2011	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
21	CST	SANJAY KUMAR	ASSISTANT PROFESSOR	6/15/1983	7/18/2011	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
22	CST	NIYATI BANSAL	ASSISTANT PROFESSOR	11/5/1987	7/20/2011	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
23	CST	MANOJ KUMAR	ASSISTANT PROFESSOR	8/2/1982	8/20/2011	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
24	CST	URMILA PILANIA	ASSISTANT PROFESSOR	4/20/1985	8/25/2011	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
25	CST	VEEPU UPPAL	ASSISTANT PROFESSOR	11/21/1985	7/30/2012	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
26	CST	GUNJAN CHANDWANI	ASSISTANT PROFESSOR	11/29/1988	1/2/2012	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
27	CST	MAMTA ARORA	ASSISTANT PROFESSOR	9/3/1985	6/17/2013	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE

S.NO	DEPTT.	FACULTY NAME	DESIGNATION	D.O.B	D.O.J	QUALIFI- CATION	SCALE OF PAY	FULL TIME OR PART TIME	REGULAR OR ADHOC	MALE OR FEMALE
28	CST	MANVI BREJA	ASSISTANT PROFESSOR	1/5/1991	7/7/2014	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
29	CST	RIYA SAPRA	ASSISTANT PROFESSOR	10/2/1989	11/15/2014	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
30	CST	ANUP SINGH KUSHWAHA	ASSISTANT PROFESSOR	7/1/1984	11/17/2014	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
31	CST	SHAILJA GUPTA	ASSISTANT PROFESSOR	10/24/1988	3/2/2015	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
32	CST	ANKUR KUMAR AGGARWAL	ASSISTANT PROFESSOR	4/21/1987	3/9/2015	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
33	CST	JAYATI	ASSISTANT PROFESSOR	11/30/1989	3/11/2015	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
34	CST	SARGAM MUNJAL	ASSISTANT PROFESSOR	9/11/1986	3/16/2015	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
35	CST	GAGANJOT KAUR	ASSISTANT PROFESSOR	7/18/1984	3/16/2015	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
36	CST	AGHA IMRAN HUSSAIN	ASSISTANT PROFESSOR	5/2/1976	9/10/2007	M.TECH	CONSOLIDATED	FULL TIME	REGULAR	MALE
37	CST	NIKITA TANEJA	ASSISTANT PROFESSOR	11/7/1985	4/6/2009	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
38	CST	SARIKA	ASSISTANT PROFESSOR	5/31/1986	3/10/2011	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
39	CST	NARENDER	ASSISTANT PROFESSOR	6/2/1983	9/15/2011	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
40	CST	MEENA CHAUDHARY	ASSISTANT PROFESSOR	2/2/1989	10/19/2011	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
41	CST	SUNNY DAGAR	ASSISTANT PROFESSOR	10/8/1988	6/17/2013	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
42	CST	JAY R. BHATNAGAR	PROFESSOR	2/25/1974	9/28/2016	Ph.D	PB 4 37400-67000	FULL TIME	REGULAR	MALE
43	CST	JYOTI PRUTHI	ASSOCIATE PROFESSOR	11/27/1981	10/3/2006	Ph.D	PB 4 37400-67000	FULL TIME	REGULAR	FEMALE
44	CST	PRINIMA	ASSOCIATE PROFESSOR	12/26/1981	1/1/2007	Ph.D	PB 4 37400-67000	FULL TIME	REGULAR	FEMALE
45	CST	MANPREET KAUR	ASSOCIATE PROFESSOR	3/5/1982	5/1/2017	M.TECH	PB 4 37400-67000	FULL TIME	REGULAR	FEMALE
46	CST	HARDEO KMAUR THAKUR	ASSOCIATE PROFESSOR	2/9/1978	5/10/2017	Ph.D	PB 4 37400-67000	FULL TIME	REGULAR	MALE
47	CST	PARNEETA DHALIWAL	ASSOCIATE PROFESSOR	11/9/1980	1/22/2018	Ph.D	PB 4 37400-67000	FULL TIME	REGULAR	FEMALE
48	CST	LAVANYA SHARMA	ASSISTANT PROFESSOR	2/20/1982	7/24/2017	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
49	CST	SUSMITA RAY	PROFESSOR	22/08/1960	15/6/2018	Ph.D	PB 4 37400-67000	FULL TIME	REGULAR	FEMALE
50	ECE	MEENAKSHI GUPTA	ASSISTANT PROFESSOR	11/15/1983	7/28/2008	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
51	ECE	LOKESH BHARDWAJ	ASSISTANT PROFESSOR	10/29/1985	8/16/2010	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
52	ECE	SAMTA CHOPRA	ASSISTANT PROFESSOR	9/4/1987	11/29/2010	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
53	ECE	YOGITA GUPTA	ASSISTANT PROFESSOR	11/18/1982	2/18/2011	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
54	ECE	NITIKA	ASSISTANT PROFESSOR	11/4/1986	2/15/2012	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
55	ECE	BHANU PRATAP CHAUDHARY	ASSISTANT PROFESSOR	5/15/1986	1/3/2013	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
56	ECE	VIJAY KUMAR GILL	ASSISTANT PROFESSOR	8/16/1985	7/1/2013	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
57	ECE	NIHARIKA THAKUR	ASSISTANT PROFESSOR	5/23/1988	7/23/2013	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
58	ECE	ANUJ KUMAR	ASSISTANT PROFESSOR	3/8/1987	7/15/2014	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
59	ECE	K.DEEPA	ASSISTANT PROFESSOR	6/24/1985	9/3/2011	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
60	ECE	CHARU PATHAK	ASSOCIATE PROFESSOR	7/26/1976	9/21/2013	Ph.D	PB 4 37400-67000	FULL TIME	REGULAR	FEMALE
61	ECE	YOGENDRA KUMAR AWASTHI	ASSOCIATE PROFESSOR	1/15/1979	8/22/2012	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	MALE

S.NO	DEPTT.	FACULTY NAME	DESIGNATION	D.O.B	D.O.J	QUALIFI- CATION	SCALE OF PAY	FULL TIME OR PART TIME	REGULAR OR ADHOC	MALE OR FEMALE
62	ECE	SHIV KUMAR DIXIT	ASSISTANT PROFESSOR	8/1/1987	7/11/2014	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	MALE
63	ECE	GARIMA GROVER	ASSISTANT PROFESSOR	2/12/1991	7/20/2015	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
64	HUMANITIES	AKHILESH KR. DWIVEDI	ASSISTANT PROFESSOR	10/11/1981	8/20/2011	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	MALE
65	HUMANITIES	CHHAVI KULSHRESTHA	ASSISTANT PROFESSOR	10/12/1977	3/16/2015	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
66	HUMANITIES	VALLARI DWIVEDI	ASSISTANT PROFESSOR	6/22/1985	11/10/2017	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
67	M.E	MEENA KAPAHI	ASSOCIATE PROFESSOR	6/23/1975	8/8/2005	M.TECH	PB 4 37400-67000	FULL TIME	REGULAR	FEMALE
68	M.E	JOGINDER SINGH	ASSOCIATE PROFESSOR	5/19/1976	1/24/2012	M.TECH	PB 4 37400-67000	FULL TIME	REGULAR	MALE
69	M.E	AJIT	ASSOCIATE PROFESSOR	21/11/978	7/15/2006	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
70	M.E	SANJAY TANEJA	ASSOCIATE PROFESSOR	3/19/1964	7/26/2006	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
71	M.E	JAI PRAKASH SHARMA	ASSISTANT PROFESSOR	12/29/1985	1/3/2013	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
72	M.E	PIYUSH MAHENDRU	ASSISTANT PROFESSOR	5/31/1989	6/17/2013	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
73	M.E	GIANENDER	ASSISTANT PROFESSOR	7/20/1988	7/1/2013	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
74	M.E	NAZISH AHMAD SHAMSI	ASSISTANT PROFESSOR	8/6/1983	7/22/2013	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
75	M.E	RINKI YADAV	ASSISTANT PROFESSOR	4/5/1988	7/15/2014	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
76	M.E	PRASHANT BHARDWAJ	ASSISTANT PROFESSOR	4/8/1991	7/15/2014	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
77	M.E	PRADEEP KUMAR MOURIA	ASSISTANT PROFESSOR	10/10/1985	2/26/2015	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
78	M.E	AJAY KUMAR AGARWAL	ASSISTANT PROFESSOR	11/23/1982	3/2/2015	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
79	M.E	MANDEEP BHADANA	ASSISTANT PROFESSOR	9/18/1987	3/2/2015	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
80	M.E	SUDHIR SINGH	ASSISTANT PROFESSOR	2/7/1989	3/9/2015	M.TECH	PB 3 15600-39100	FULL TIME	REGULAR	MALE
81	M.E	SUJATA NAYAK	ASSOCIATE PROFESSOR	7/6/1977	6/25/2012	Ph.D	PB 4 37400-67000	FULL TIME	REGULAR	FEMALE
82	MATHS	RAMAPATI MAURYA	ASSISTANT PROFESSOR	10/9/1987	2/7/2013	M.SC	PB 3 15600-39100	FULL TIME	REGULAR	MALE
83	MATHS	SAVITTA SAINI	ASSISTANT PROFESSOR	9/5/1979	8/11/2011	M.SC	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
84	MATHS	SEEMA AGGARWAL	ASSISTANT PROFESSOR	4/22/1967	8/30/2007	M.SC	CONSOLIDATED	FULL TIME	REGULAR	FEMALE
85	MATHS	DINESH TRIPATHI	ASSISTANT PROFESSOR	8/5/1983	9/19/2008	Ph.D	CONSOLIDATED	FULL TIME	REGULAR	MALE
86	MATHS	A.K.AWASTHI	ASSOCIATE PROFESSOR	11/30/1978	8/22/2012	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	MALE
87	MATHS	APARNA VYAS	ASSISTANT PROFESSOR	8/28/1983	1/21/2014	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
88	MATHS	ADVIN MASIH	ASSISTANT PROFESSOR	7/10/1983	12/1/2014	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	MALE
89	MATHS	RUCHI GUPTA	ASSISTANT PROFESSOR	11/26/1978	3/9/2015	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
90	MATHS	DEEPA ARORA	ASSISTANT PROFESSOR	4/30/1982	8/7/2005	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
91	MATHS	ANKITA PANDAY	ASSISTANT PROFESSOR	10/12/1985	3/23/2015	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
92	MATHS	YOGENDRA KUMAR SHARMA	ASSOCIATE PROFESSOR	7/10/1972	8/26/2016	Ph.D	PB 4 37400-67000	FULL TIME	REGULAR	MALE
93	MATHS	UPASANA TANEJA	ASSISTANT PROFESSOR	8/17/1987	1/2/2018	M.SC,UGC NET	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
94	MGMT	PRAGATI CHAUHAN	ASSISTANT PROFESSOR	4/16/1977	7/1/2008	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
95	MGMT	RAJAT GERA	PROFESSOR	12/12/1966	2/22/2016	Ph.D	PB 4 37400-67000	FULL TIME	REGULAR	MALE

S.NO	DEPTT.	FACULTY NAME	DESIGNATION	D.O.B	D.O.J	QUALIFI- CATION	SCALE OF PAY	FULL TIME OR PART TIME	REGULAR OR ADHOC	MALE OR FEMALE
96	MGMT	POOJA KAPOOR	ASSISTANT PROFESSOR	8/15/1980	7/25/2011	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
97	MGMT	PRIYANKA SRIVASTAVA	ASSISTANT PROFESSOR	4/28/1977	8/13/2012	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
98	MGMT	ARINDOM CHATTERJEE	PROFESSOR	3/15/1962	1/10/2018	MBA	PB 4 37400-67000	FULL TIME	REGULAR	MALE
99	MGMT	BIRENDRA PRASAD	PROFESSOR	7/10/1969	2/2/2015	Ph.D	PB 4 37400-67000	FULL TIME	REGULAR	MALE
100	MGMT	RUCHIKA SACHDEVA	ASSOCIATE PROFESSOR	1/14/1977	7/4/2018	Ph.D	PB 4 37400-67000	FULL TIME	REGULAR	MALE
101	MGMT	HARSHA SHARMA	ASSISTANT PROFESSOR		8/13/2018	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
102	PHYSICS	DINESH KUMAR SHARMA	PROFESSOR	11/1/1975	8/19/2006	Ph.D	PB 4 37400-67000	FULL TIME	REGULAR	MALE
103	PHYSICS	HAIDER ABBAS	ASSOCIATE PROFESSOR	4/25/1976	7/1/2008	Ph.D	CONSOLIDATED	FULL TIME	REGULAR	MALE
104	PHYSICS	JAI PARKASH	ASSISTANT PROFESSOR	6/15/1974	10/13/2004	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	MALE
105	PHYSICS	ANSHUMAN SAHAI	ASSISTANT PROFESSOR	6/17/1985	7/25/2017	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	MALE
106	PHYSICS	DEEPTI MAIKHURI	ASSISTANT PROFESSOR	8/19/1983	1/23/2017	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
107	PHYSICS	ANANNA BARDHAN	ASSISTANT PROFESSOR	9/1/1987	7/24/2018	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
108	PHYSICS	JYOTI SHRAMA	ASSISTANT PROFESSOR	12/19/1986	7/20/2018	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
109	EDUCATION	BABITA PARASHAR	ASSOCIATE PROFESSOR	10/1/1978	5/9/2016	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
110	EDUCATION	SEEMA SHARMA	ASSISTANT PROFESSOR	10/31/1977	7/4/2016	M.Ed	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
111	EDUCATION	RIDHI KHANNA	ASSISTANT PROFESSOR	2/26/1991	7/11/2016	M.Ed	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
112	EDUCATION	SHREYASI	ASSISTANT PROFESSOR	11/25/1986	7/4/2016	M.Ed	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
113	EDUCATION	RASHEE SINGH	ASSOCIATE PROFESSOR	8/17/1980	8/28/2017	Ph.D	PB 4 37400-67000	FULL TIME	REGULAR	FEMALE
114	EDUCATION	SMARIKA BHARGAVA	ASSISTANT PROFESSOR	8/19/1977	9/1/2017	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
115	EDUCATION	AMITA KAUSHIK	ASSISTANT PROFESSOR	1/9/1965	9/1/2017	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
116	EDUCATION	RAVNEET GAUR	ASSISTANT PROFESSOR	7/3/1972	9/1/2017	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
117	EDUCATION	KIRAN GUPTA	ASSISTANT PROFESSOR	8/14/1961	4/3/2017	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
118	EDUCATION	SHINY BHARDWAJ	ASSISTANT PROFESSOR	21/02/1986	7/23/2018	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
119	LAW	VERSHA VAHINI	ASSOCIATE PROFESSOR	10/5/1974	1/3/2017	Ph.D	PB 4 37400-67000	FULL TIME	REGULAR	FEMALE
120	LAW	PRIYANKA MADERNA	ASSISTANT PROFESSOR	4/1/1983	4/15/2017	LLM, UGC NET	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
121	LAW	GARIMA YADAV	ASSISTANT PROFESSOR	4/30/1989	7/11/2017	LLM, UGC NET	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
122	LAW	PARUL NAGAR	ASSOCIATE PROFESSOR	8/30/1970	7/3/2017	Ph.D	PB 4 37400-67000	FULL TIME	REGULAR	FEMALE
123	LAW	TARUNDEEP KAUR	ASSISTANT PROFESSOR	7/26/1982	4/3/2017	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
124	LAW	ADITI CHOUDHARY	ASSISTANT PROFESSOR	10/24/1989	4/3/2017	LLM	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
125	LAW	SOM DUTT BHARDWAJ	ASSOCIATE PROFESSOR		7/18/2018	Ph.D	PB 4 37400-67000	FULL TIME	REGULAR	MALE
126	LAW	S.K BOSE	ASSISTANT PROFESSOR		7/24/2018	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	MALE
127	LAW	SUBHI	ASSISTANT PROFESSOR	7/7/1987	7/23/2018	Ph.D	PB 3 15600-39100	FULL TIME	REGULAR	FEMALE
128	EDUCATION	ADITYA DHAWAN	ASSISTANT PROFESSOR	12/21/1986	5/2/2016	M.Ed	PB 3 15600-39100	FULL TIME	REGULAR	MALE
129	M.E.	R. C. CHATURVEDI	ASSISTANT PROFESSOR	4/1/1956	8/2/2016	B.TECH	CONSOLIDATED	CONTRACT	TEMPORARY	MALE

S.NO	DEPTT.	FACULTY NAME	DESIGNATION	D.O.B	D.O.J	QUALIFI - CATION	SCALE OF PAY	FULL TIME OR PART TIME	REGULAR OR ADHOC	MALE OR FEMALE
130	PHYSICS	BENI MADHAW BAHAL	PROFESSOR	6/3/1949	1/4/2018	Ph.D	CONSOLIDATED	CONTRACT	TEMPORARY	MALE
131	CHEMISTRY	A. K. GUPTA	PROFESSOR	24/2/1952	1/4/2018	Ph.D	CONSOLIDATED	CONTRACT	TEMPORARY	MALE



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... to nurture tomorrow's citizens

We allow talented faculty to flourish and grow. We let them, breathe the air of freedom and grow in accordance with our objectives. Now, we invite applications at various levels for Manav Rachna International University (MRIU) and Manav Rachna University (MRU).

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MRU has evolved from Manav Rachna College of Engineering (MRCE) a NAAC Accredited 'A' grade Institute. MRU is a research driven University and has well-established teaching and learning process guided by global best practices and a culture of academic excellence promoting research, innovation and entrepreneurship.

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APPLIED SCIENCES: Physics, Chemistry, Mathematics, Environmental Sciences.

HUMANITIES: English, Psychology.

COMMERCE & MANAGEMENT: Commerce, Finance, Economics, Marketing, HR, QT, International Business, Healthcare, Family Business, Hotel Management, Journalism & Mass Communication.

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TRAINING MANAGER : Candidates having experience in developing training content, training and leading a team.

INSTRUCTIONAL DESIGNERS/ GRAPHIC DESIGNERS/ UP LOADERS.

TRANSLATORS : EDITORS English & Hindi

ACCOUNTANT

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Salary shall not be a limiting factor for the deserving candidates.

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NAAC ACCREDITED 'A' GRADE UNIVERSITY & PROFESSIONAL INSTITUTIONS

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UNIVERSITY GRANT COMMISSIONAppendix-XV**Information about the Equipments (Computer Labs):**

S. No.	Item Description (Desktops)	Qty.	Location Department	Lab Name/No.	Make	Price/ PC	Value (in Rs.)	Present Condition	Date/Year of Purchase
1	Dell, i5, 8GB RAM, 1TB HDD	33	Computer Science & Technology Deptt.	KG-08(LAB-1)	DELL	38000	1254000	Working	16.08.2016
2	Dell, i5, 8GB RAM, 1TB HDD	33		KG-09(LAB-2)	DELL	38000	1254000	Working	16.08.2016
3	HCL, DUAL CORE, 2GB, 160HDD	33		KG-03(LAB-3)	HCL	18650	615450	Working	2008
4	Dell, i5, 8GB RAM, 1TB HDD	33		KG-04(LAB-4)	DELL	38000	1254000	Working	16.08.2016
5	HCL, DUAL CORE, 2GB, 160HDD	37		KG-05(LAB-5)	HCL	18650	690050	Working	2008
6	HCL, DUAL CORE, 2GB, 160HDD	37		LG-03(LAB-06)	HCL	17725	655825	Working	2008
7	Dell, i5, 8GB RAM, 1TB HDD	31		LG-04(LAB-07)	DELL	38000	1178000	Working	16.08.2016
8	Dell, i5, 8GB RAM, 1TB HDD	25		LG-08(LAB-08)	DELL	38000	950000	Working	16.08.2016
9	HCL, DUAL CORE, 2GB, 160HDD	37		LG-09(LAB-09)	HCL	17725	655825	Working	2008
10	Cooler Master, i5, 8GB, 1TB HDD	6		LG-10 (LAB-10) (Research Centre)	Cooler Meter	62999	377994	Working	Jul-17

UNIVERSITY GRANTS COMMISSIONAppendix-XV**Information about the Equipments (ME Lab):****Name of Lab: Thermal Engineering Lab (Earlier Steam Power Generation) (NG 03)**

SL. No.	Name of Asset	Qty.	Location	Book Value (Rs.)	Present Condition of Asset	Date of Purchase
1	Air Pre Heater	1	N-Block	4,600/-	OK	2.03.06
2	Bomb Calorimeter - Digital	1		67,000/-	OK	20.09.06
3	Boiler	1		5,55,000/-	OK	5.10.06
4	Air Compressor	1		80,000/-	OK	10.12.06
5	Feed Check Valve	1		1,900/-	OK	2.03.06
6	Eddy Current Dynamometer	1		60,000/-	OK	5.10.06
7	Green Economiser	1		3,200/-	OK	2.03.06
8	Jet Condenser - Parallel Flow	1		4,000/-	OK	2.03.06
9	Jet Condenser - Counter Flow	1		4,000/-	OK	2.03.06
10	Model of Lancashire Boiler	1		7,600/-	OK	2.03.06
11	Model of Locomotive Boiler	1		7,600/-	OK	2.03.06
12	Model of Lamount Boiler	1		5,600/-	OK	2.03.06
13	Model of Loeffler Boiler	1		5,600/-	OK	2.03.06
14	Model of Benson Boiler	1		5,600/-	OK	2.03.06
15	Model of Valon Boiler	1		5,600/-	OK	2.03.06
16	Steam Injector	1		2,200/-	OK	2.03.06
17	Sudgen Super Heater	1		3,200/-	OK	2.03.06
18	Surface Condenser	1		4,400/-	OK	2.03.06
19	Steam Turbine	1		3,50,000/-	OK	5.10.06
20	Steam condenser	1		90,000/-	OK	5.10.06
21	Separating & Throttling Calorimeter	1		20,000/-	OK	5.10.06
22	Steam Flow Meter	1		15,000/-	OK	5.10.06
23	Other Accessories			1,90,000/-	OK	
				14,92,100.00		

Name of Lab: Refrigeration & Air Conditioning Lab (NG 03):

1	Mechanical Heat Pump	1	N-Block	45,066/-	OK	12.07.07
2	Rotary Compressor - Cut Section	1		3,466/-	OK	12.07.07
3	Reciprocating Compressor - Cut Section	1		3,466/-	OK	12.07.07
4	Digital Temperature Indicator (Accessories)	1		18,000/-	OK	Sept. 2015
5	Drier (Accessories)	1		2,000/-	OK	
				71,998.00		

Name of Lab: Theory of Machines Lab (Earlier Dynamics of Machines Lab) (NF 03):

1	Universal Governor Apparatus	1	N-Block	28,500/-	OK	14.05.07
2	Motorised Gyroscope	1		22,100/-	OK	14.05.07
3	Static & Dynamic Balancing Machine	1		20,300/-	OK	14.05.07
4	Stabilisers	2			OK	14.05.07
				70,900.00		

Name of Lab: Mechanics of Materials Lab (Earlier Strength of Materials Lab) (NG 01):

1	Impact Testing Machine	1	N-Block	39,375/-	OK	27.10.05
2	Spring Testing Machine	1		50,000/-	OK	25.05.05
3	Flywheel	1		1,500/-	OK	20.05.05
4	Single & Double Purchase Winch Crab	1 Each		8,460/-	OK	13.04.04
5	Single & Double Start Worm & Worm Wheel	1 Each		4,150/-	OK	13.04.04
6	Pans 350 gms, 300 gms	4,3		900/-	OK	25.09.08
7	Wt. 5 Kg-3, 2 Kg-10, 1 Kg-10, 100 Gm-10 50 Gm-20, 20 Gm-10	Set		5,602/-	OK	25.09.08
8	Tools (Spanner Set, Plier, Oil Can-500 gm, Taps)	Set			OK	25.09.08
9	Instruments (Wooden Scale, 12")	2			OK	25.09.08
10	Slotted Weights (50 gms, 2.5 Kg)	5 + 3 Sets		1426/-	OK	
				1,11,413.00		

Name of Lab: Automobile Engg. Lab (MG 05):

1	Cut Section of 4 stroke 4 Cyl Diesel Engine	1	N-Block	47,000/-	OK	17.08.07
2	Cut Section of 4 stroke 4 Cyl MPFI Engine	1		86,000/-	OK	17.08.07
3	Steering Sectional Test Rig	1		43,000/-	OK	17.08.07
4	Charts	27		21,900/-	OK	
				1,97,900.00		

Name of Lab: Int. Combustion Engine & Gas Turbine Lab (NG 01):

1	4 Stroke, Single Cylinder Petrol Engine	1		1,30,000/-	OK	3.07.06
2	4 Stroke, Single Cylinder Diesel Engine	1		90,000/-	OK	3.07.06
3	4 Stroke, Twin Cylinder Petrol Engine	1		2,19,375/-	OK	12.02.06
4	Orsat Apparatus	1		13,000/-		
				4,72,375.00		

Name of Lab: E.M.B. Lab (Earlier Material Science Lab) (NF 01):

1	Muffle furnace	1	N-Block	13,500/-	OK	24.02.06
2	Creep Apparatus (Assembled)	1		1,500/-	OK	24.02.06
3	Corrosion Apparatus	1		1,000/-	OK	31.03.06
4	Crystal Structure Model	1		1,200/-	OK	31.03.06
5	Metallurgical Samples	3		2,112/-	OK	27.08.06
6	Charts	5			OK	
7	Digital Metallurgical Polishing Machine	1		44,000/-	OK	24.10.15
8	Jominy End Quench Test Apparatus with Fixture	1		28,000/-	OK	
				79,562.00		

Name of Lab: Heat Transfer Lab (NF 04):

1	Thermal Conductivity Guarded Hot Plate		N-Block			
2	Natural Convection Apparatus	1		19,250/-	OK	11.04.07
3	Emissivity Measurement Apparatus	1		19,250/-	OK	11.04.07
				38,500.00		

Name of Lab: Fluid Machines (Hydraulic Machines) Lab (NG 04):

1	Hydraulic Ram	1	N-Block	40,000/-	OK	05.10.06
2	Francis Turbine 1 HP	1		2,28,000/-	OK	27.10.06
3	Pelton Turbine 1 HP	1		1,85,000/-	OK	27.10.06
4	Kaplan Turbine 1 HP	1		3,55,000/-	OK	27.10.06
5	Centrifugal Pump	1		55,000/-	OK	10.12.06
6	Reciprocating Pump	1		50,000/-	OK	10.12.06
7	Gear Oil Pump	1		38,000/-	OK	10.12.06
8	Digital Techometer	2			OK	27.10.06
				9,51,000.00		

Name of Lab: Theory of Machines (Earlier Kinematics of Machines) Lab (NF 03):						
1	Kinematics of Pair	1	N-Block	7,000/-	OK	27.09.06
2	Single Stage Helical gear	1		200/-	OK	27.09.06
3	Single Stage Spiral gear	1		2,000/-	OK	27.09.06
4	Worm Gear	1		1,800/-	OK	27.09.06
5	Epicyclic Gear Wheel	1		2,200/-	OK	27.09.06
6	Differential Gear Wheel	1		5,000/-	OK	27.09.06
7	Chain Drive	1		2,500/-	OK	13.11.06
8	Single Slider Crank Mechanism	1		6,000/-	OK	13.11.06
9	Double Slider Crank Mechanism	1		6,500/-	OK	13.11.06
10	Train of Gear Wheels- Compound	1		7,500/-	OK	13.11.06
11	Slider Crank Mechanism- Reciprocating	1		10,000/-	OK	13.11.06
12	Cam & Follower Models	5		16,000/-	OK	13.11.06
13	Screw Efficiency Apparatus w/o weights-Simple	1		6,000/-	OK	27.09.06
14	Screw Efficiency Apparatus w/o weights					
15	Universal instruments - Compound	1		8,200/-	OK	13.11.06
16	Inversion of Four Bar Mechanism (i) Locomotive Coupling Bar Mechanism, or link mechanism, (ii) Beam Engine Mechanism and (iii) Ackerman steering gear mechanism.	1		7,500/-	OK	03.06.16
17	Charts			4875/-	OK	June, 2016
				93,275.00		

Name of Lab: E.M.E. (Earlier Basics of Mechanical Engg.) Lab (NF 01):						
1	Babcock & Wilcox Boiler Model	1	N-Block	4,760/-	OK	16.05.04
2	Cochran Boiler Model	1		3,520/-	OK	16.05.04
3	Blow off Cock	1		640/-	OK	16.05.04
4	Feed Check Valve	1		1,200/-	OK	16.05.04
5	Francis Turbine Model	1		2,640/-	OK	16.05.04
6	Fusible Plug	1		880/-	OK	16.05.04
7	Combined High Pressure Low Water Safety Valve	1		1,320/-	OK	16.05.04
8	Kaplan Turbine Model	1		2,200/-	OK	16.05.04
9	Dead Weight Safety Valve	1		800/-	OK	16.04.04
10	Lever Safety Valve	1		800/-	OK	13.04.04
11	Spring Loaded Safety Valve	1		800/-	OK	16.04.04
12	Pelton Turbine Model	1		3,680/-	OK	16.05.04
13	Simple Screw Jack	1		1,980/-	OK	13.04.04
14	Charts(Babcock Boiler, Pelton, Francis, Kaplan)	1 each		560/-	OK	13.04.04
15	Charts(Fire Tube Boiler,Hydraulic Turbine,4S Eng.)	1 each		1,050/-	OK	12.08.04
16	Single Purchase Winch Crab	1		8,200/-	OK	13.03.08
17	Double Purchase Winch Crab	1		9,600/-	OK	13.03.08
18	Single Start Worm & Worm Wheel	1		4,350/-	OK	13.03.08
19	Double Start Worm & Worm Wheel	1		5,170/-	OK	13.03.08
20	Weighing Pan	2		600/-	OK	15.09.05
21	Weighing Pan	4		240/-	OK	12.09.05
22	12" Scale	12		420/-	OK	12.09.05
23	Weight 5 Kg	2			OK	13.04.04
24	Weight 5 Kg	1		185/-	OK	13.09.05
25	Weight 2 Kg	10			OK	13.04.04
26	Weight 1 Kg	8			OK	13.04.04
27	Weight 500 Gm	8			OK	13.04.04
28	Weight 250 Gm	5			OK	13.04.04
29	Weight 100 Gm	8		72/-	OK	15.09.05
30	Weight 50 Gm	20		140/-	OK	15.09.05
31	Cut Models of 2 Stroke & 4 Stroke Diesel Engine	1		12,600/-	OK	19.09.15
32	Reparing of Apparatus at Sr. No. 9 to 12	1 Each		3,150/-	OK	
				47,957.00		

Name of Lab: Workshop:

1	Lathe 5'	5	M-Block	4,12,000/-	OK	07.04.04
2	Lathe 6'	4		3,25,000/-	OK	12.04.04
3	Lathe 7'	1		75,500/-	OK	30.08.08
4	Shaper	1		1,11,000/-	OK	17.04.04
5	Vertical Milling Machine	5		16,50,000/-	OK	01.04.04
6	Vertical Milling Machine				OK	30.08.08
7	Surface Grinder	4		2,58,000/-	OK	07.04.04
8	Surface Grinder				OK	30.08.08
9	Bench Grinder	2		7,200/-	OK	08.04.04
10	Power Hacksaw	2		66,320/-	OK	17.04.04
11	Bench Drilling Machine	3		42,000/-	OK	17.04.04
12	Bench Drilling Machine				OK	30.08.08
13	Bench Vice - Fitting	24		72,000/-	OK	12.04.04
14	Bench Vice - Fitting				OK	21.04.04
15	Wood Working Vice	8		18,400/-	OK	12.04.04
16	Welding Machine	2		16,662/-	OK	08.04.04
17	Welding Lead	20 m		1,000/-	OK	08.04.04
18	Electrode Holder	2		165/-	OK	08.04.04
19	Electrode Holder	10		825/-	OK	17.04.04
20	Welding Screen	2		224/-	OK	08.04.04
21	Welding Screen	15	1,680/-	OK	17.04.04	
22	Gas Cutter	1	1,450/-	OK	08.04.04	
23	Regulator	1	1,160/-	OK	08.04.04	
24	LPG Regulator	1	227/-	OK	08.04.04	
25	Miller Hose Pipe	14 m	308/-	OK	08.04.04	
26	Clamp 6"	2	900/-	OK	14.04.04	
27	Clamp 8"	2	900/-	OK	14.04.04	
28	Clamp 10"	7	3,150/-	OK	18.05.04	
29	Chisel 102	3	325/-	OK	14.04.04	
30	Chisel 105	5	375/-	OK	14.04.04	
31	Chisel 106	5	550/-	OK	14.04.04	
32	Claw Hammer	4	440/-	OK	14.04.04	
33	Plier	2	340/-	OK	17.01.06	
34	Sledge Hammer	1	150/-	OK	17.04.04	
35	Drill Chuck 1/2"	3	2,055/-	OK	15.04.04	
36	Drill Chuck 3/4"	1	825/-	OK	17.04.04	
37	Live Centre	1	1,250/-	OK	15.04.04	
38	Full Dead Centre	2	410/-	OK	15.04.04	
39	Clamping Set Kit	1	3,950/-	OK	15.04.04	
40	Tool Holder Lathe	14	3,825/-	OK	15.04.04	
41	Sleeve Drill 2/3	4	540/-	OK	15.04.04	
42	Sleeve Drill 4/5	4	640/-	OK	15.04.04	
43	Caliper Internal And External	6,6	780/-	OK	15.04.04	
44	Thread Pitch Gauge	2	117/-	OK	15.04.04	
45	Radius Gauge	1	85/-	OK	15.04.04	
46	Thread Plug Gauge	1	570/-	OK	15.04.04	
47	Angle Plate	1	900/-	OK	15.04.04	
48	Angle Plate	2	1,800/-	OK	17.01.06	
49	Scriber	4	150/-	OK	15.04.04	
50	Center Punch	9	405/-	OK	15.04.04	
51	Pincer	5	350/-	OK	15.04.04	
52	Feeler Gauge	1	115/-	OK	15.04.04	
53	Try Square 3"	7	400/-	OK	15.04.04	
54	Try Square 6"	15	825/-	OK	15.04.04	
55	Try Square 8"	6	480/-	OK	15.04.04	

56	Surface Gauge	4		600/-	OK	15.04.04
57	Ball Pein Hammer	30		2,820/-	OK	15.04.04
58	Cross Pein Hammer	7		455/-	OK	15.04.04
59	Micrometer 0 - 25	1		1,300/-	OK	16.04.04
60	Micrometer 25-50	1		2,100/-	OK	16.04.04
61	Vernier Calliper 6"	7		14,700/-	OK	16.04.04
62	Vernier Calliper 8"	2		4,200/-	OK	16.04.04
63	Vernier Calliper 12"	1	M-Block	2,100/-	OK	16.04.04
64	Puppy Dial	2		6,200/-	OK	16.04.04
65	Bore Gauge	1 set		4,300/-	OK	16.04.04
66	Divider	5		210/-	OK	17.04.04
67	Half Dead Center	1		210/-	OK	17.04.04
68	Arbor Drill Chuck MT 2	3		240/-	OK	17.04.04
69	Arbor Drill Chuck MT 3	1		80/-	OK	17.04.04
70	Depth Gauge	5		475/-	OK	17.04.04
71	Hand Heckwsaw Frame	30		1,650/-	OK	17.04.04
72	Allen Key Set mm	1		250/-	OK	22.04.04
73	Allen Key Set inches	1		250/-	OK	20.03.08
74	Grinder Vice	1		1,200/-	OK	20.04.04
75	Machine Vice Driller	1		700/-	OK	20.04.04
76	Folding Rule	5		175/-	OK	28.04.04
77	Chisel Firmer	13		490/-	OK	28.04.04
78	Chisel Mortise	9		350/-	OK	28.04.04
79	Chisel Dovetail	14		490/-	OK	28.04.04
80	Steel Scale 12"	20		700/-	OK	16.04.04
81	Steel Scale 24"	8		640/-	OK	16.04.04
82	Pipe Wrench	1		169/-	OK	18.05.04
83	Chipping Hammer	4		275/-	OK	18.05.04
84	Chisel Socket	2		110/-	OK	18.05.04
85	Screw Driver Big	5		400/-	OK	18.05.04
86	Screw Driver Medium	2		170/-	OK	18.05.04
87	Screw Driver Small	2		130/-	OK	18.05.04
88	Try Square 8"	6		810/-	OK	24.08.04
89	Iron Jack Plane	11		2,750/-	OK	28.04.04
90	V ' Block with Clamp	1		350/-	OK	24.08.04
91	Tong	6		252/-	OK	24.08.04
92	Anvil 15 Kg	1	M-Block	550/-	OK	24.08.04
93	Marking Gauge	5		125/-	OK	24.08.04
94	Collet 6, 16, 20 mm	18		7,425/-	OK	24.08.04
95	Tap Handle	5		490/-	OK	24.08.04
96	Tasla	2		140/-	OK	27.08.04
97	Vice Milling Machine	1		2,700/-	OK	27.08.04
98	Vernier Height Gauge	1		13,630/-	OK	31.07.04
99	Dial Indicator	1		1,250/-	OK	31.07.04
100	Trowal	2		30/-	OK	27.10.04
101	Side Axe	1		90/-	OK	29.01.05
102	Shovel	1		115/-	OK	29.01.05
103	Oil Can	2		135/-	OK	29.01.05
104	H.P. Blower	1		4,950/-	OK	29.01.05
105	Portable Drill machine	1		2,250/-	OK	29.01.05
106	Glass Cutter	1		250/-	OK	26.09.05

107	Boring Bar 3/16"	4	M-Block	320/-	OK	10.11.05
108	Chuck Key Lathe	4		240/-	OK	25.01.06
109	Center Gauge	1		70/-	OK	25.01.06
110	Wire Gauge	1		60/-	OK	17.01.06
111	Snips	9		1,280/-	OK	17.01.06
112	Proctactor	1		60/-	OK	20.01.06
113	Carrier Job	1		90/-	OK	4.02.06
114	Dividing Head	1		9,500/-	OK	4.02.06
115	Handle Tool Post	4		180/-	OK	27.07.06
116	Spanner Set	6		3,900/-	OK	17.04.04
117	Ring Spanner Set	1		440/-	OK	24.08.04
118	Saw	21		840/-	OK	28.04.04
119	VMC-850 CNC	1		35,00,000/-	OK	
120	ROLAND MODEL MDX-40 CNC	1		4,50,000/-	OK	
121	EDM ELECTRONICS EMS 5030	1		10,00,000/-	OK	Shifted to MRIIRS
122	EDM EMS 5535-PS35	1		12,00,000/-	OK	
123	PROFILE PROJECTOR	1		2,00,000/-	OK	
124	WORK BENCH CARPENTRY	4		20,000/-	OK	
125	Hand Shearing Machine	1		10,000/-	OK	24.10.15
126	Hand Grinding Machine	1		1,850/-	OK	02.05.13
127	MIG Welding Set	1		20,000/-	OK	Jun-12
128	Gas Welding Set	1		33,000/-	OK	Jun-12

96,26,984.00

Name of Lab: Fluid Mechanics Lab (NF 02):

1	Bernoulli's Theorem Apparatus	1	N-Block	22,000/-	OK	16.01.06
2	Impact of Jet Apparatus	1		24,000/-	OK	16.01.06
3	Metacentric Height Apparatus	1		13,500/-	OK	16.01.06
4	Notch Apparatus	1		24,000/-	OK	16.01.06
5	Orifice & Mouth Piece Apparatus	1		24,000/-	OK	16.01.06
6	Pipe Friction Apparatus	1		26,000/-	OK	16.01.06
7	Reynold's No. Apparatus	1		22,000/-	OK	16.01.06
8	Venturimeter & Orificemeter Apparatus	1		25,000/-	OK	16.01.06
9	Tools (Vernier Calliper, Pliers, Screw Driver set, Spanner Set)	1		915/-	OK	28.02.06
				1,81,415.00		

Name of Lab: Engineering Mechanics (Out of Curriculum Design) (NG 01):

1	Elastic Properties of Deflected Beam Apparatus with Complete Accessories	1	N-Block	14,625/-	OK	14.09.10
2	Deflection of Truss Apparatus with Complete Accessories	1		16,650/-	OK	
				31,275.00		

Name of Lab: Advanced Foundry Technology Lab (M.Tech.):

1	Permeability Tester	1 Set	M-Block	44,300.00	OK	27.05.16
	i) Mold Permeability Tester Attachments To Permeability Tester	1 No.		1,700.00	OK	
	ii) Core Permeability Tester Attachments To Permeability Tester	1 No.		3,800.00	OK	
	iii) Base Permeability Tube Attachments To Permeability Tester	1 No.		4,700.00	OK	
2	Mould Hardness Tester (B-Scale)	1 Set		7,100.00	OK	
				61,600.00		

Name of Lab: Daikin Lab:						
1	Adjustable Wrench BLK Phosphated - 10"	1	M-Block	623.04	OK	31.05.18
2	Adjustable Wrench BLK Phosphated - 8"	1		389.40	OK	
3	Sloc charging line715.08	1		623.04	OK	
4	Clamp Meter	1		1,920.00	OK	
5	Combination Plier BLK Phosphated DC	1		354.00	OK	
6	Double Ended Spanner (6*7mm-22*22mm) 8p	1		382.32	OK	
7	File (Flat)	1		113.28	OK	
8	Long Nose Plier BLK Phosphated DC	1		339.84	OK	
9	Measuring Tape - 5mm	1		127.44	OK	
10	High Pressure Gauge	1		337.92	OK	
11	Screw Driver Flat Tip Magnetic Tip -6	1		141.60	OK	
12	Screw Driver Flat Tip Magnetic Tip -8	1		247.80	OK	
13	Screw Driver Philips Tip Magnetic Tip -6	1		212.40	OK	
14	Screw Driver Philips Tip Magnetic Tip -8	1		254.88	OK	
15	Thermometer Pocket Type	1		1,013.76	OK	
16	Compound Gauge Low Pressure Gauge	1		337.92	OK	
17	gauge manifold uniweld	1		4,435.20	OK	
18	jet cleaner\	1		29,952.00	OK	
19	allen key (set) - mm	1		537.60	OK	
20	flaring tool kit	1		29,891.76	OK	
21	vaccume pump HVP6 uniweld	1		30,711.86	OK	
22	hopper for HW	1		3,769.00	OK	
23	hopper	1		3,006.17	OK	
24	insulation tester	1		16,992.00	OK	
25	non lit clipon signage size 3*5* 5 Pcs	75	22,125.00	OK	21.03.18	
26	non lit clipon signage size 3*4* 15 Pcs	180	53,100.00	OK		
27	ra idu (6 KW, 2 ton, Std inv)	1	0	OK	21.12.17	
28	ra idu 6kw 2 ton 4*	1	0	OK		
29	ra idu 5kw 1.5 ton eco inv	1	0	OK		
30	ra idu 5kw 1.5 ton std inv	1	0	OK		
31	ra idu 5kw 1.5 ton 5*	1	0	OK		
32	ra odu 6kw 2 ton std inv	1	0	OK		
33	ra odu 5kw 1.5 ton eco inv	1	0	OK		
34	ra odu 5kw 1.5 ton eco inv	1	0	OK		
35	ra odu 7.1kw 2.2 ton std inv	1	0	OK		
36	ra odu 5kw 1.5 ton 5*	1	0	OK		
37	ceiling cassette (3*3) F series R410 idu	1	0	OK		
38	idu 29.16 TR high static ducta	1	0	OK		
39	round flow cassette type idu 0.83 TR	1	0	OK		
40	ceiling suspended cassette type 2.3 TR	1	0	OK		
41	0.83 TR celing mounted cass corner type	1	0	OK		
42	VRV - IV outdoor unit 12 HP R410a	1	0	OK		
43	1.5 TR wall mounted type (Heat pump)FTY	1	0	OK		
44	1.5 TR wall mounted type odu (heat pump)	1	0	OK		
45	idu 0.75 TR compact multi flow ceiling C	1	0	OK		
46	ceiling mounted round flow cassette 3.3 TR	1	0	OK		
47	0.75 TR R410a invretrt odu unit heating	1	0	OK		
48	Raodu 5kw 1.5 Ton 3*	1	0	OK		
49	Raodu 5kw 1.5 Ton hi inv	1	0	OK		
50	0.3 TR ceiling mounted cass double flow	1	0	OK		
				201,939.23		

UNIVERSITY GRANT COMMISSIONAppendix-XVInformation about the Equipments (Electronics & Communication Labs):

Sl. No	Programme	Deptt	Level	Lab No.	Course	Name of the Laboratory	Yearly Budget Equipment	Yearly Budget consumables	Lab Major Equipment/ Tools	Investment till date (INR)	Building Name	Building No.
1	B.Tech	ECE	UG	NS-01	Electrical Engineering	Electrical Engineering Lab	As Per Requirement	As Per Requirement	1. DC shunt machine, 2. Synchronous Motor 3. Synchronous Generator 4. Autotransformer 5. Wattmeter 6. Cathode Ray Oscilloscope 7. Function Generator 8. Digital Storage Oscilloscope, 9. Dual regulated power supply	6,06,645	N Block	2nd Floor (NS-01)
2	B.Tech	ECE	UG		Fundamentals of Electrical & Electronics	Fundamentals of Electrical & Electronics Lab	As Per Requirement	As Per Requirement	Equipment utilization from Electrical Engineering Lab		N Block	2nd Floor (NS-01)

Sl. No	Programme	Deptt	Level	Lab No.	Course	Name of the Laboratory	Yearly Budget Equipment	Yearly Budget consumables	Lab Major Equipment/ Tools	Investment till date (INR)	Building Name	Building No.
3	B.Tech	ECE	UG		Electronic Devices & Circuits	Electronic Devices & Circuits Lab	As Per Requirement	As Per Requirement	Equipment utilization from Electronic Devices & Circuits Lab	258,764	N Block	2nd Floor (NS-01)
4	B.Tech	ECE	UG		Analog Integrated Circuits	Analog Integrated Circuits Lab	As Per Requirement	As Per Requirement	1. Cathode Ray Oscilloscope 2. Function Generator 3. Digital Storage Oscilloscope 4. Dual regulated power supply		N Block	2nd Floor (NS-01)
5	B.Tech	ECE	UG		Electronic Workshop	Electronic Workshop	As Per Requirement	As Per Requirement	Equipment utilization from Electronic Workshop		N Block	2nd Floor (NS-01)
6	B.Tech	ECE	UG	NS-02	Microwave Engineering	Microwave Engineering Lab	As Per Requirement	As Per Requirement	1. Digital Multimeter (Aplab), 2. Gunn Source Test Bench, 3. Klystron Source Test Bench, 4. Circulator, 5. E-Plane Tee, 6. Cavity Resonator, 7. H-Plane Tee, 8. Parabolic Reflector, 9. Turn Table For Polar Radiation Pattern, 10. VSWR Meter	4,00,500	N Block	2nd Floor (NS-02)

Sl. No	Programme	Deptt	Level	Lab No.	Course	Name of the Laboratory	Yearly Budget Equipment	Yearly Budget consumables	Lab Major Equipment/ Tools	Investment till date (INR)	Building Name	Building No.
7	B.Tech	ECE	UG		Satellite Communication	Satellite Communication Lab	As Per Requirement	As Per Requirement	1. Yagi Antenna, 2. Horn Antenna, 3. Sectional Antenna, 4. Slotted Antenna, 5. LCD Color Tv 6" Tft Monitor, 6. Mic With Cable, 7. 100MHz DSO, 8. GPS Technology Training System, 9. Satellite Communication Trainer, 10. Antenna	4,45,380	N Block	2nd Floor (NS-02)
8	B.Tech	ECE	UG	NS-03	Control system	Controls system lab	As Per Requirement	As Per Requirement	1. AC Servo Motor, 2. Stepper Motor Kit, 3. Mag Amp, 4. AC Servo Motor Kit, 5. Dcspeed Control , 6. Comp Study Kit, 7. Pid Kit, 8. Temp Syssimu, 9. Sy Tx Rx, 10. Ac Position Dcservomotor, 11. Persureguage 12. PLC Unit	197,050	N Block	2nd Floor (NS-03)

Sl. No	Programme	Deptt	Level	Lab No.	Course	Name of the Laboratory	Yearly Budget Equipment	Yearly Budget consumables	Lab Major Equipment/ Tools	Investment till date (INR)	Building Name	Building No.
9	B.Tech	ECE	UG		Electronics, Measurements & Instrumentation	Electronics, Measurements & Instrumentation Lab	As Per Requirement	As Per Requirement	1. LVDT Unit, 2. Measurement Of Speed Position Control Unit , 3. Strain Gauge Kit	213,890	N Block	2nd Floor (NS-03)
10	B.Tech	ECE	UG	NS-04	Digital Electronics	Digital Electronics Lab	As Per Requirement	As Per Requirement	1. Digital trainer Kit, 2. IC Tester,	31,270	N Block	2nd Floor (NS-04)
11	B.Tech	ECE	UG		E-waste Management	E-waste Management Lab	As Per Requirement	As Per Requirement	Equipment utilization from PCB Workshop	2,24,426	N Block	2nd Floor (NS-04)
12	B.Tech	ECE	UG		PCB Workshop	PCB Workshop	As Per Requirement	As Per Requirement	1. Photoresist Dip Coating machine, 2. Function Generator, 3. Power Supply PCB Drilling Machine, 4. DMM, 5. Etching Machine, 6. Curing Machine UV Exposure machine, 7. Die Developer and Angle Cutting Machine		N Block	2nd Floor (NS-04)

Sl. No	Programme	Deptt	Level	Lab No.	Course	Name of the Laboratory	Yearly Budget Equipment	Yearly Budget consumables	Lab Major Equipment/ Tools	Investment till date (INR)	Building Name	Building No.
13	B.Tech	ECE	UG		Communication System	Communication System Lab	As Per Requirement	As Per Requirement	1. Amplitude Modulation/ Demodulation kit, 2. Frequency Modulation/ Demodulation kit, 3. PAM Modulation/ Demodulation kit, 4. PWM Modulation/ Demodulation kit, 5. PCM Modulation/ Demodulation kit, 6. PSK Modulation/ Demodulation kit, 7. ASK Modulation/ Demodulation kit, 8. PPM Modulation/ Demodulation kit, 9. TDM-PAM Modulation/ Demodulation kit, 10. FSK Modulation/ Demodulation kit, 11. QPSK Modulation/Demodulation kit	2,80,550	N Block	2nd Floor (NS-04)
14	B.Tech	ECE	UG		Network Lab	Network Lab	As Per Requirement	As Per Requirement	1. Multimeter, 2. Power Supply	1,32,550	N Block	2nd Floor (NS-05)

Sl. No	Programme	Deptt	Level	Lab No.	Course	Name of the Laboratory	Yearly Budget Equipment	Yearly Budget consumables	Lab Major Equipment/ Tools	Investment till date (INR)	Building Name	Building No.
15	B.Tech	ECE	UG		Embedded System Design	Embedded System Design Lab	As Per Requirement	As Per Requirement	1. 8051 based Pressure Measurement Kit, 2. 8051 based temperature measurement kit, 3. PIC 16F877 based development board, 4. Motor speed control kit using PWM, 5. AC voltage regulation kit using PWM, 6. Traffic light controller kit , 7. Universal programmer, 8. PC	7,22,300	N Block	2nd Floor (NS-05)

Sl. No	Programme	Deptt	Level	Lab No.	Course	Name of the Laboratory	Yearly Budget Equipment	Yearly Budget consumables	Lab Major Equipment/ Tools	Investment till date (INR)	Building Name	Building No.
16	B.Tech	ECE	UG	NS-05	Data Communication	Data Communication Lab	As Per Requirement	As Per Requirement	1. LAN Trainer kit, Data communication Trainer, 2. QAM Trainer modulation kit, 3. UPS online, 4. QAM Trainer demodulation kit, 5. 8085 microprocessor basic kit, 6. 8085 microprocessor , 7. Stepper motor controller kit, 8. 0809 ADC interface, 9. 0800 DAC interface, 10. UPS, 11. Traffic light controller interface card	5,34,080	N Block	2nd Floor (NS-05)

Sl. No	Programme	Deptt	Level	Lab No.	Course	Name of the Laboratory	Yearly Budget Equipment	Yearly Budget consumables	Lab Major Equipment/ Tools	Investment till date (INR)	Building Name	Building No.
17	B.Tech	ECE	UG		Microprocessor & Interfacing	Microprocessor & Interfacing Lab	As Per Requirement	As Per Requirement	1. 8051advanced microcontroller trainer, 2. advance kit, 3. 8086 microprocessor basic kit, 4. 8086 microprocessor advance kit, 5. 8255 PPI Interfacing kit, 6. 8085 microprocessor trainer kit, 7. 8086advanced microcontroller trainer, 8. vmc-smc stepper motor controller kit, 9. 26-pin frc cabel, ARM7 , 10. 8086advanced microprocessor trainer, 11. EMBEDDED ARM TRAINER, 12. BIOMETRIC INFORMATION RECORDER	3,61,300	K- Block	Ground Floor (Lab-05)
18	B.Tech	ECE	UG	LAB-05	Digital Signal Processing Lab	Digital Signal Processing Lab	As Per Requirement	As Per Requirement	MATLAB Tool	MATLAB Tool purchased by IT Department	K- Block	Ground Floor (Lab-05)

Sl. No	Programme	Deptt	Level	Lab No.	Course	Name of the Laboratory	Yearly Budget Equipment	Yearly Budget consumables	Lab Major Equipment/ Tools	Investment till date (INR)	Building Name	Building No.
19	B.Tech	ECE	UG		Signal & System Lab	Signal & System Lab	As Per Requirement	As Per Requirement	MATLAB Tool		K- Block	Ground Floor (Lab-05)
20	B.Tech	ECE	UG		Wireless & Communication System	Wireless & Communication System Lab	As Per Requirement	As Per Requirement	MATLAB Tool		K- Block	Ground Floor (Lab-05)
21	B.Tech	ECE	UG		Electromagnetic Field Wave	Electromagnetic Field Wave Lab	As Per Requirement	As Per Requirement	MATLAB Tool		N Block	2nd Floor (NS-05)
22	B.Tech	ECE	UG	LAB-06	VLSI	VLSI Lab	As Per Requirement	As Per Requirement	Orcad 15.7	440000	L-Block	Ground Floor (Lab-05)
23	B.Tech	ECE	UG		Digital System Design Lab	Digital System Design Lab	As Per Requirement	As Per Requirement	Xylinx Tool	165000	L-Block	2nd Floor
24	B.Tech	ECE	UG		Verilog Workshop	Verilog Workshop	As Per Requirement	As Per Requirement			L-Block	2nd Floor

Sl. No	Programme	Deptt	Level	Lab No.	Course	Name of the Laboratory	Yearly Budget Equipment	Yearly Budget consumables	Lab Major Equipment/ Tools	Investment till date (INR)	Building Name	Building No.
25	B.Tech	ECE	UG	HUG-02	Electrical Engineering	Centre For Smart Solar Energy	As Per Requirement	As Per Requirement	1.Brainy touch UPS Wifi enabled touch screen based UPS(2.5KVA/48V) 2.Sukam Solar DC 120 UPS 3.Grid Tie Invertor 4.Sukam Falcon Plus UPS 1100 5.Electroscopie 6.Sukam Shark 900 UPS 7.Sine Wave Solar PCU 1K24 8.Solar Charge Controller MPPT and PWM Based 9.SolarScopie 10.Sukam Brainy Eco UPS 11.Sukam Brainy S invertor	270000	H Block	Lower Ground Floor

UNIVERSITY GRANTS COMMISSIONAPPENDIX-XV**Information about the Equipments (Physics Lab):**

Sr. No	Item Description	Qty.	Location Department	Book Value (in Rs.)	Present Condition of Asset	Date of Purchase
1	Bar Pendulum App.	2	MRU MG-3	880/-	OK	05/08/2015
2	Solder Iron	5	MRU MG-3	130/- each 110/-	OK	12/04/2004 06/01/2012
3	Sensitive Galvanometer	4	MRU MG-3	250/- each	OK	04/12/2004
4	Post Office Box	3	MRU MG-3	2040/- each	OK	04/12/2004
5	Spherometer	1	MRU MG-3	120/- each	OK	04/12/2004
6	Spectrometer	6	MRU MG-3	4845/- each	OK	04/12/2004
7	Steam Generator	2	MRU MG-3	238/- each	OK	04/12/2004
8	Microscope for Newton's Ring	7	MRU MG-3	2210/- each	OK	04/12/2004
9	Rheostats 10Ω 25Ω	6+4	MRU MG-3	535/425/600/- each	OK	04/12/2004
10	100Ω, 150Ω Rheostat	12+6	MRU MG-3	"	OK	04/12/2004
11	Zener Diode App.	2	MRU MG-3	2070/-	OK	05/08/2015
12	Stewart & Gee's Apparatus	4	MRU MG-3	1402/- each	OK	04/12/2004, 24/10/2017
13	Magnifier(without light& with light)	7	MRU MG-3	48/- each, 250/-	OK	12/04/2004, 11/09/2013
14	Fixed Condensers (diff. Values)	14	MRU MG-3	170/-	OK	04/12/2004
15	Keys(one way 18, two way 12, tapping 5+3)	38	MRU MG-3	78/52/165/- each	OK	04/12/2004
16	Carey Foster's Bridge	3	MRU MG-3	350/- each	OK	04/12/2004
17	Galvanometer	10	MRU MG-3	204/- each	OK	12/04/2004, 09/10/2006
18	Screw Gauge	4	MRU MG-3	160/- each	OK	04/12/2004

Sr. No	Item Description	Qty.	Location Department	Book Value (in Rs.)	Present Condition of Asset	Date of Purchase
19	Viscosity App.	2	MRU MG-3	6150/-	OK	05/08/2015
20	Fixed Resistance Coil	8	MRU MG-3	93/- each	OK	04/12/2004
21	Polarimeter setup	6	MRU MG-3	2975+360/- each, 7000/-, 7000/-	OK	12/04/2004, 23/12/2013, 26/02/2014
22	Thermonic Emmission App.	2	MRU MG-3	2600/-	OK	05/08/2015
23	Travelling Microscope	3	MRU MG-3	2975/- each	OK	04/12/2004
24	Platinum Resistance thermometer	3	MRU MG-3	3400/3950/3500/- each	OK	12/04/2004, 26/02/2014
25	Vernier Calipers	2	MRU MG-3	212/- each	OK	04/12/2004
26	Sonometer	3	MRU MG-3	467/- each	OK	04/12/2004
27	Spectrum Tube	3	MRU MG-3	350/- each	OK	05/01/2016
28	Resistance Box(diff. Values)	16	MRU MG-3	1207/892/527/- each	OK	04/12/2004
29	Hot plate	3	MRU MG-3	1450/- each	OK	14/04/2004
30	Resistance coil	5	MRU MG-3	23/- each	OK	14/04/2004
31	Battery eliminator	6	MRU MG-3	1400/-,1550 each,	OK	14/04/2004, 11/09/2013, 26/02/2014
32	e/m by Helical Method	4	MRU MG-3	10600/- each	OK	14/4/2004, 05/01/2016
33	Ionisation Pot. of Hg	3	MRU MG-3	3315/- each	OK	14/04/2004
34	P-N Junction Apparatus	3	MRU MG-3	1870/-,2190 /-1990,each	OK	14/04/2004 05/08/2015, 02/09/2016
35	Flashing & Quenching App	5	MRU MG-3	2252/- each, 2100/-	OK	14/04/2004, 26/02/2014
36	Measuring Tape	3	MRU MG-3	35/- each	OK	14/04/2004
37	Multimeter	6	MRU MG-3	1950/- each	OK	14/04/2004
38	Transformer for Na Lamp with Case	10	MRU MG-3	1600/- each,950/-	OK	14/04/2004, 11/09/2013
39	Mercury Lamp with Case	4	MRU MG-3	850/-, 1450 each	OK	14/04/2004, 26/02/2014

Sr. No	Item Description	Qty.	Location Department	Book Value (in Rs.)	Present Condition of Asset	Date of Purchase
40	Searle's App.	2	MRU MG-3	5975/-	OK	08/05/2015
41	Micrometer Slit	5	MRU MG-3	425/- each	OK	14/04/2004
42	Callender & Griffith's Bridge & complete setup	5	MRU MG-3	10500/-, 11500/-	OK	14/04/2004, 18/10/2013, 26/02/2014
43	Grating	6	MRU MG-3	1500/- & 1650 each	OK	28/02/2005 25/07/2009
44	Photo Cell Assembly	2	MRU MG-3	1750/- each	OK	28/02/2005
45	Spirit Level	6	MRU MG-3	32/- each	OK	28/02/2005
46	Bar Magnet	4	MRU MG-3	19/- each	OK	28/02/2005
47	Decade Resistance Box	1	MRU MG-3	660/- each	OK	28/02/2005
48	Spring Constant App.	2	MRU MG-3	1700/-	OK	05/08/2015
49	Step Down Transformer	3	MRU MG-3	510/- each, 850/-	OK	28/02/2005, 26/02/2014
50	Slotted Weights	3	MRU MG-3	48/- each	OK	28/02/2005, 05/08/2015
51	Sodium Lamp	8	MRU MG-3	1050/- each, 1800/-	OK	28/02/2005, 09/10/2006
52	Plumb line	2	MRU MG-3	10/- each	OK	28/02/2005
53	Searle's app. for Young's Modulus	2	MRU MG-3	4060/-	OK	05/08/2015
54	Optical Arrangement for Newton's Ring	11	MRU MG-3	85/175/- each	OK	28/02/2005 09/10/2006
55	Prism (crown, flint)	12	MRU MG-3	380/435/410/ 510/ 540/- each, 550/-	OK	04/11/2006 20/08/2007 25/07/2009
56	Stop Clock	5	MRU MG-3	390/- each	OK	28/02/2005, 05/10/2012
57	RTD Transducer app.	2	MRU MG-3	13575/-	OK	08/05/2015
58	Lamp & Scale Arrangement	3	MRU MG-3	1225/- each	OK	04/12/2004
59	Meter Scale	3	MRU MG-3	60/- each	OK	14/04/2004
60	Ammeters	7	MRU MG-3	240/- each	OK	04/12/2004

Sr. No	Item Description	Qty.	Location Department	Book Value (in Rs.)	Present Condition of Asset	Date of Purchase
61	(mA 0-300 – 3 Nos, 0-30 – 2 Nos. 0-100 – 2 Nos.)					
62	0-5 A – 2Nos					
63	Voltmeters 0-300V – 4 Nos, 0-3 V – 4 Nos., 0-1.5 V – 4 Nos, 0-300mV–2 Nos, 0-30 mV–3 Nos. 0-100 mV – 3 Nos	15	MRU MG-3	204/- each	OK	04/12/2004
64	Laser with transformer	1	MRU MG-3	3500/- each	Not Working	27/05/2005
65	Michelson's Interferometer & complete set	1	MRU MG-3	17500/- each, 25000	OK	21/03/2005, 11/09/2013, 26/02/2014
66	Mega Ohm Box	2	MRU MG-3	1950/- each	OK	11/07/2005
67	Solar Cell assembly+Solar Cell	3	MRU MG-3	2530/- each+450/-	OK	07/11/2005, 06/01/2012
68	Planck's Constant App	4	MRU MG-3	5550/-,6170/- each	OK	07/11/2005, 05/08/2015
69	Four Probe Assembly	4	MRU MG-3	12500/- each	OK	07/11/2005, 05/08/2015
70	Tool Kit	1	MRU MG-3	1000/- each	OK	04/04/2006
71	Sodium Lamp Assembly	8	MRU MG-3	2500/- each	OK	22/05/2006
72	Millikan Oil Drop App.	3	MRU MG-3	9100/-	OK	01/05/2016, 23/10/2017
73	Plane glass with Plano convex lens	5	MRU MG-3	35/-	OK	01/06/2012
74	Thermocouple setup	2	MRU MG-3	12490/-	OK	05/08/2015
75	colour filter	1	MRU MG-3	850/- each+250/-	OK	20/08/2007 06/01/2012
76	High Voltage Transformer	3	MRU MG-3	3000/-	OK	05/01/2016
77	Callender & Barne's app.	2	MRU MG-3	4500/-	OK	05/08/2015
78	Parallelogram setup	2	MRU MG-3	1460	OK	05/08/2015
79	Diffraction Grating	4	MRU MG-3	675/-	OK	01/06/2012
80	Resolving power setup	4	MRU MG-3	8500/-,1800	OK	23/12/2013, 26/02/2014

Sr. No	Item Description	Qty.	Location Department	Book Value (in Rs.)	Present Condition of Asset	Date of Purchase
81	Hysteresis Curve Apparatus	2	MRU MG-3	8490/- each	OK	19/09/2008
82	Hall effect Apparatus	3	MRU MG-3	29225/-,33760/-each	OK	16/04/2009, 05/08/2015
83	Sodium Lamp assembly(Complete set)	8	MRU MG-3	3500/-	OK	26/02/2014
84	Polarimeter tube	11	MRU MG-3	290/-	OK	26/02/2014, 10/08/2015, 04/09/2017
85	Optical Fiber setup	2+1=3	MRU MG-3	19200/-, 63187/-	OK	26/02/2014, 19/10/2017
86	Diode Laser Diffraction Setup	2+1+1=4	MRU MG-3	8800/-,43485/-, 30508/-	OK	10/08/2015, 19/10/2017, 23/10/2017
87	Thermometer(110/360)	14	MRU MG-3	39/-	OK	26/02/2014
88	RC Low ,high,band pass filter	1	MRU MG-3	2330/-	OK	02/09/2016
89	Junction diode	1	MRU MG-3	8025/-	OK	02/09/2016
90	A.C.Millivoltmeter	2	MRU MG-3	6420/-	OK	02/09/2016
91	Study of class A,B,AB (Push Pull Ampli.)	1	MRU MG-3	3640/-	OK	02/09/2016
92	UJT Characteristic App.	1	MRU MG-3	2260/-	OK	02/09/2016
93	CE,CB,&CC Amplifier	1	MRU MG-3	3750/-	OK	02/09/2016
94	CRO	2	MRU MG-3	16470/-,16625/-	OK	02/09/2016, 24/08/2017
95	LOGIC GATES	1	MRU MG-3	1160/-	OK	02/09/2016
96	Phase & Frequency Determination	1	MRU MG-3	3750/-	OK	02/09/2016
97	Sine/square Oscillator	1	MRU MG-3	4250/-	OK	02/09/2016
98	Astable Multivibrator	1	MRU MG-3	1230/-	OK	02/09/2016
99	Clipping & Clamping Circuits	1	MRU MG-3	1650/-	OK	02/09/2016
100	Intergrating, differentiating Circuits	1	MRU MG-3	4070/-	OK	02/09/2016
101	Amplitude Modulation	1	MRU MG-3	3740/-	OK	02/09/2016
102	Audio Frequency Generator	1	MRU MG-3	3100/-	OK	02/09/2016

Sr. No	Item Description	Qty.	Location Department	Book Value (in Rs.)	Present Condition of Asset	Date of Purchase
103	Maxwell Vibration setup	2	MRU MG-3	6485/-	OK	05/08/2015
104	LCR APP.	2	MRU MG-3	4020/-	OK	05/08/2015
105	Lee & Charlton setup	2	MRU MG-3	8840/-	OK	05/08/2015
106	Fly Wheel setup	2	MRU MG-3	2760/-	OK	05/08/2015
107	Electron Spin Resonance	1	MRU MG-3	50150/-	OK	23/02/2017
108	Op-amp (differentiator & Integator	1	MRU MG-3	25825/-	OK	23/02/2017
109	Digital Trainer (truth table)	1	MRU MG-3	2500/-	OK	23/02/2017
110	Multiplexer & Demultiplexer	1	MRU MG-3	3290/-	OK	23/02/2017
111	Digital storage Oscilloscope	1	MRU MG-3	25175/-	OK	24/08/2017
112	Function Generator	1	MRU MG-3	9832/-	OK	24/08/2017
113	Function Generator(dual channel)	1	MRU MG-3	25175/-	OK	24/08/2017
114	Digital I C Trainer	1	MRU MG-3	13680/-	OK	24/08/2017
115	G M Counter	1	MRU MG-3	35400/-	OK	24/10/2017
116	N M R SET UP	1	MRU MG-3	78470/-	OK	24/10/2017
117	Curie Temperture Kit	1	MRU MG-3	30680/-	OK	24/10/2017
118	Viscosity (Capillary Tube)	1	MRU MG-3	4956/-	OK	24/10/2017
119	Magnetic Susceptibility (Quink's)	1	MRU MG-3	39530/-	OK	24/10/2017
120	Frank Hertz Exp.	1	MRU MG-3	114835/-	OK	19/10/2017
121	Zeeman Effect App.	1	MRU MG-3	256484/-	OK	19/10/2017
122	Faradey Effect	1	MRU MG-3	85082/-	OK	23/10/2017
123	Ultrasonic diffraction Apparatus	1	MRU MG-3	85572/-	OK	19/10/2017
124	Dual Core Computers	2	MRU IT-02	17725/- each	OK	14/07/2009
125	Dual Core Computers	3	MRU, MG-04	17725/- each	OK	14/-07/2009
126	P4 Computers	2	MRU, MG-03	24720/- each	OK	9/5/2008
127	I3 Computers	10	MRU, IF-01	38000/- each	OK	16/08/2016

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Appendix-XV**Information about the Equipments (Chemistry Lab):**

Sr No.	Item Description	Location Deptt.	Value (in Rs)	Qty.	Pg.No./ Stock Book	Present Condition	Date of Purchase
1	Redwood Viscometer	Chemistry	5,760	1	16/3	Working	28/10/2009
2	Pensky Martin Apparatus	Chemistry	5,400	1	17/3	Working	28/10/2009
3	Analytical Balance with Weight Box (Verbal)	Chemistry	8250	1	(19/3)	Not Working	12/4/2004
4	Triple Beam Balance	Chemistry	1,900	1	1/3,	Working	12/4/2004
5	Water Distillation Unit SS (4 Litre)	Chemistry	4,180	1	4/3,	Working	4/2/2017
6	Water Bath (9 Holes)	Chemistry	4,080	1	5/3,	Working	12/4/2004
7	Hot Plate	Chemistry	1,450	7	3/3,	Working	18/9/2017
8	Digital eight filter Colourimeter	Chemistry	8604	1	20/3	Working	19/11/2014
9	Centrifuge Machine with Roter Head	Chemistry	19800	1	26/3	Working	17/08/2015
10	Vacuum Pump	Chemistry	17940	1	27/3	Working	17/08/2015
11	Magnetic Stirrer 1ltr	Chemistry	9500	7	23/3	Working	11/9/2015
12	Hot air Oven (Digital)	Chemistry	16950	1	24/3	Working	17/08/2015
14	Muffle Furnace	Chemistry	12750	1	25/3	Working	17/08/2015
15	Redwood Viscometer	Chemistry	22500	2	16/3	Working	17/08/2015
16	Pansky Marten Appratus	Chemistry	11250	1	17/3	Working	17/08/2015
17	Coductivitymeter with Electrode	Chemistry	15750	3	10/3,	Working	18/9/2017
18	Digital Stop Watch	Chemistry	675	1	30/3	Not Working	21/04/2016
19	Flame Photometer Microprocessor Based	Chemistry	45525	1	11/3,	Working	21/04/2016

Sr No.	Item Description	Location Deptt.	Value (in Rs)	Qty.	Pg.No./ Stock Book	Present Condition	Date of Purchase
20	BOD Incubator	RIC	182,000	1	47/RIC	Working	15/05/2013
21	Electronic Balance 3 Digit	RIC	34,500	1	37/RIC	Working	6/5/2014
22	Multi 350 I + F Electrode	RIC	3,08,265.62	1	53/RIC	Working	6/5/2015
23	Micro centrifuge	RIC	21,600	1	57/RIC	Working	6/5/2015
24	Rocker Vacuum Pump	RIC	11,340	1	78/RIC	Working	6/5/2015
25	Rock Max	RIC	14,850	1	79/RIC	Working	6/5/2015
26	Single Pan Electrical Balance	RIC	8,900	1	86/RIC	Working	24/06/2010
27	U V Visible Photo spectrophotometer	RIC	3,54,375	1	86/RIC	Working	11/6/2011
28	Water Bath 6 Hole	RIC	3,480	1	86/RIC	Working	23/06/2010
29	Single Distillation Unit	RIC	4,180	1	86/RIC	Not Working	24/06/2010
30	Muffle Furnace	RIC	13,450	1	86/RIC	Working	23/06/2010
31	Microwave IFM Model 305 C3	RIC	13,500	1	87/RIC	Working	29/05/2013
32	Melting Point Apparatus	RIC	37,400	1	87/RIC	Working	13/05/2013
33	Microscope	RIC	166,371	1	(Camera Missing)	Not Working	14/02/2013
34	Electronic Balance 4 Digit	RIC	73125	1	88/RIC	Working	30/05/2014
35	Fume Hood	RIC	64400	1	88/RIC	Not Working	30/07/2014
36	Incubator Thermostat	RIC	63000	1	88/RIC	Working	30/07/2014
37	Heating Mantals with Energy Regulators	RIC	1680	1	88/RIC	Working	30/07/2014
38	Magnetic Stirrer	RIC	4180	1	86/RIC	Working	18/9/2017
39	Heating Mantal 1 l	RIC	2000	1	82/RIC	Working	1/5/2014
40	Heating Mantal 2 l	RIC	2267	1	82/RIC	Working	1/5/2014

Annexure-XXII

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Appendix-XV

Information about the Equipments (Mathematics Lab):

S. No.	Item Description (Desktops)	Qty.	Location Department	Lab Name/No	Make	Price/PC	Value (in Rs.)	Present Condition	Date/Year of Purchase
1	HCL, DUAL CORE, 2GB, 160HDD	31	Maths Deptt.	IF-02	HCL	24000	744000	Working	2008

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Appendix-XV**Information about the Equipments (Computer Labs): Language Laboratory IG-10**

Sl. No	Item Description (Desktops)	Qty.	Location Department	Lab Name/ No.	Make	Price	Value (in Rs.)	Present Condition	Date/ Year of Purchase
1	Lenovo i3, 4GB, 500GB with TFT 18" =20 HCL 1250 Dual Core, 2GB, 160GB with TFT 15" =05	25	Humanities Deptt.	IG-10	LENOVO & HCL	30000	750000	Working	2014
2	Intex Head Phones	25	Humanities Deptt.	IG-10	Intex	300	7500	Working	2014
3	Visionet	1	Humanities Deptt.	IG-10	Visionet Info Solution pvt.	113525	113525	Working	2016

Language Laboratory:

Course	Department	Is it Research Lab for PG course?	Level	Program	Yearly Budget Consumables	Yearly Budget Equipments	Lab/Major Equipments	Investment till Date	Name of the Laboratory	Building Name	Building Number
Business English & Communicative English	Department of Humanities & Language	N	Under Graduate	B Tech & B Sc	NA	0	Branded Pcs (25)	750,000	Language Lab (IG-10)	I	I

UNIVERSITY GRANTS COMMISSIONAppendix-XV**Information about the Equipment (Education Lab):(Education Curriculum)**

Sl No	Item Description	Location Deptt	Qty.	Present Condition	
1	Chart of Plant Kingdom	Education	1	Good	
2	Chart of Animal Kingdom	Education	1	Good	
3	Structure of Atom (Chart /Model)	Education	1	Good	
4	Light (Reflection) (Chart /Model)	Education	1	Good	
5	Test tube brush	Education	1	Good	
6	Measuring cylinder (10 ml)	Education	1	Good	
7	Measuring cylinder (50 ml)	Education	1	Good	
8	Hot Oven	Education	1	Good	
9	Stop watch	Education	1	Good	
10	Connecting Wire (50 cm)	Education	1	Good	
11	Scissor (Big)	Education	1	Good	
12	Scissor (Small)	Education	1	Good	
13	Resistors (10 ohm)	Education	1	Good	
14	Resistors (20 ohm)	Education	1	Good	
15	Resistors (30 ohm)	Education	1	Good	
16	Resistors (40 ohm)	Education	1	Good	
17	Hand gloves (pair)	Education	1	Good	

Sl No	Item Description	Location Deptt	Qty.	Present Condition	
18	Magnesium Ribbon	Education	1	Good	
19	Chart of Animal Cell	Education	1		
20	Human Heart (Model)	Education	1		
21	Human Ear (Model)	Education	2		
22	Human Eye (Model)	Education	3		
23	Human Brain (Model)	Education	2		
24	Human Respiratory System (Model)	Education	1		
25	Dissection Plate (Steel-1), (Enamel-1)	Education	2		
26	Compound Microscope	Education	3		
27	Life Cycle of Silk Moth	Education	1		
28	Life Cycle of Mosquito	Education	1		
29	Life Cycle of Housefly	Education	1		
30	Life Cycle of Honey Bee	Education	1		
31	Meosis in plants (slides)	Education	1		
32	Microscopic Slides for preparation	Education	1.5 Pack		
33	Stem Modifications (Chart)	Education	1		
34	Human Kidney	Education	1		
35	Specimen – Cat Fish	Education	1		
36	Specimen – Ascaris	Education	1		
37	Specimen – Leech	Education	1		
38	Specimen – Crab	Education	1		
39	Specimen –Toad	Education	1		

Sl No	Item Description	Location Deptt	Qty.	Present Condition	
40	Specimen –Rat	Education	1		
41	Specimen –Butter fly	Education	1		
42	Specimen –Scoliodon	Education	1		
43	Specimen –Sea Horse	Education	1		
44	Specimen –Snake fish	Education	1		
45	Specimen –Frog L.S.	Education	1		
46	Specimen –Coral	Education	1		
47	Specimen –Centepede	Education	1		
48	Specimen –Sponge	Education	1		
49	Specimen –Pila	Education	1		
50	Specimen –Unio	Education	1		
51	Specimen –Star Fish	Education	1		
52	Specimen –Fluke	Education	1		
53	Specimen –Rohu Fish	Education	1		
54	Specimen –Prawn	Education	1		
55	Prepared Slide of Amoeba	Education	1		
56	Prepared Slide of Euglena	Education	1		
57	Stages of Meosis	Education	1		
58	Dissection Box	Education	1		
59	Human Excretory System (Chart)	Education	1		
60	Human Digeitive System (Chart)		1		
61	Human Circulatory System (Chart)		1		

SI No	Item Description	Location Deptt	Qty.	Present Condition	
62	Human Nervous System (Chart)		1		
63	Permanent Slides		1 box		
64	Specimen - Monocot Root		1		
65	Specimen - Dicot Root		1		
66	Simple Microscope		1		
67	Compound Microscope		3		

Information about the Equipment (Education Lab):(Education Psychology)

SI No	Item Description	Location Deptt	Qty.	Value (In Rs.)	Present Condition
1	Social Perception (APRC)	Education	1 set	Rs. 200	Good
2	Test for Cooperation & Competition Test – Dr R L Bhardwaj & R	Education	1 set	Rs. 300	Good
3	Short Term Memory	Education	1 set	Rs. 200	Good
4	Long Term Memory	Education	1 set	Rs. 200	Good
5	Mental Fatigue Test (Numerical) – Dr R L Bhardwaj & R Singh	Education	1 set	Rs. 300	Good
6	Jung's Word Association List (E) – Dr R L Bhardwaj & R Singh	Education	1 set	Rs. 300	Good
7	Kent-Rosanoff's Word Association List (E) – Dr R L Bhardwaj & R	Education	1 set	Rs. 300	Good
8	Statistical Table Set of 25	Education	1 set	Rs. 600	Good
9	Theories of Personality (Chart)	Education	1 set	Rs. 100	Good
10	Theories of Intelligence(Charter)	Education	1 set	Rs. 100	Good
11	Theories of Learning (Chart)	Education	1 set	Rs. 100	Good
12	Achievement Motivation Scale Beena Shah(E)	Education	1 set	Rs. 400	Good
13	Personality Adjustment Inventory—C. P. Sharma (E)	Education	1 set	Rs. 400	Good
14	Attitude Scale toward Pro and Anti-management—Kapoor (E)	Education	1 set	Rs. 400	Good
15	Scale of Students attitude towards Coaching - Poorva Jain (E)	Education	1 set	Rs. 450	Good
16	Scale of Attitude towards Social Net- working Site - Satish	Education	1 set	Rs. 500	Good
17	Scientific Attitude Scale – N. N. Srivastava – (For Age Gr. 13	Education	1 set	Rs. 900	Good
18	Dropout Scale—A. R. Rather — (E)	Education	1 set	Rs. 400	Good
20	Self-Analysis Test (Conflict Test) Rama Tiwari (H/E)	Education	1 set	Rs. 400	Good
21	General Mental Ability Test (For Age range 8 to 12 yrs.) Roma	Education	1 set	Rs. 400	Good
22	General Mental Ability Test (For Adult)—Roma Pal and Rama	Education	1 set	Rs. 400	Good
23	A Group Test of Intelligence S. Jalota	Education	1 set	Rs. 500	Good
24	Emotional Intelligence Scale S. Prasad – (E)	Education	1 set	Rs. 500	Good
25	Leadership Quality scale - Poorva Jain & Pratibha Dwivedi (E)	Education	1 set	Rs. 400	Good
26	Coping Strategies Test – A. K Shrivastva (E)	Education	1 set	Rs. 650	Good
27	Rorschach Record and Analysis Blank (Pkg of 100)	Education	1 set	Rs. 1200	Good
28	Teaching Aptitude Test Battery Mrs. Karim and Prof. Dixit	Education	1 set	Rs. 400	Good
29	Educational Leadership Assessment Test—A.K. Pandey (E)	Education	1 set	Rs. 400	Good
30	A New Test of Value—Sashi Gilani (Based on Allport-Vernan	Education	1 set	Rs. 400	Good
31	Value Conflict Scale—R. L. Bharadwaj (6 Value Conflicts (E)	Education	1 set	Rs. 800	Good
32	Classroom Management Scale Neerja Gautam (E)	Education	1 set	Rs. 450	Good

UNIVERSITY GRANTS COMMISSIONAppendix-XIV**Information about the MRU Library**

SI No	Total Space (all kinds)	Computer/ Communication Facilities	Total Nos. of Ref. Books (Each Department)	All Research Journals subscribed on a Regular Basis
1	19,100 Sq. Ft (8800 SQFT K & J Block Library+1800 SQFT I-Block Learning Lounge and 8500 SQFT L-Block Library)	Digital Library with 60 WorkStations	Total Volumes 43,686 and Titles 9853 which includes 12516 Bks in CSE, 7557 in ECE, 3697 in ME, 5615 in Management and 6013 in B.S.c B.Ed and 4199 BA. B.Ed Programs, 4089 in Law + 10,485 eBooks	106Journals & Magazines; 11 Newspapers
2		Remote Access Faciltiy through Ezproxy		Access to over 25572 e-Journals/ Online Databases: ACM Digital Library, ASME, ASTM Digital Library, J-Gate Engineering & Technology; J-Gate Management and Social Science, Fed Gate search engine for all, SCC Online
3		Single Window Federated Search		Access to 10,485 ebooks
4		Library portal: www.library.mru.edu.in		2150 CDs and DVDs
5		Library Management System: Libsys Web 7.0		1654 Project Reports
6		Library OPAC: libopac.mrei.ac.in		NPTEL Videos
7		2 E-Readers: Kindles		ePG Pathshala; MOOCs, EdX

UNIVERSITY GRANTS COMMISSIONAppendix-XVI**Sports Infrastructure:**

1	Facility	
	Open Play Ground(s) for Outdoor Sports	
(a)	(Athletics, Football, Hockety, Cricket etc.)	Football, Cricket & Volleyball
(b)	Track for Athletics	No
(c')	Basketball Courts	Yes
(d)	Squash/Tennis Courts	Yes
(e)	Swimming Pool (Size)	No
(f)	Indoor Sports Facilities including gymnasium	Shooting Range 10 mtr & 25 mtr
(g)	Any Other	Yes

Minutes of the Second Meeting of the Governing Body of the Manav Rachna University held on 02.03.2016 at 11.00 A.M. in the Board Room, A Block, MRIU, Campus, Faridabad.

A meeting of the Governing Body of Manav Rachna University was held on Thursday, Dated 02.03. 2016 at 11.00 A.M in the Board Room, A Block, MRIU Campus, Faridabad to consider various administrative, academic and financial matters. The following were present:

1. Dr. Prashant Bhalla, Hon'ble Chancellor/Chairman
2. Prof.(Dr.) Sanjay Srivastava, Vice chancellor
3. Dr. Amit Bhalla, Vice President, MREI
5. Dr. M. M. Kathuria, Trustee, Uthan Education Trust
6. Dr. N. C. Wadhwa, Vice Chancellor, MRIU
7. Dr.Victor Gambhir, Vice Chancellor, JECRC University, Jaipur.
8. Col. (Retd.) V.K. Gaur, Member
9. Prof.(Dr.) V.K.Mahana, Pro Vice Chancellor (Special Invitee)
10. Dr. M.L. Khurana, Advisor
11. Shri Amit Kumar, FCA
12. Shri Rajiv Malhotra, Chief Finance & Accounts Officer (Special Invitee)
- 13.Dr.Kameshwar Singh, Registrar/ Member Secretary.

Worthy Additional Chief Secretary (Higher Education) or his nominee could not attend the meeting due to other professional engagements.

The following are the minutes of the meeting:

2.1 Opening remarks by the Chairman

The Chairperson welcomed the Members present in the meeting. He stated that in the short span of 11 months of its inception, we have worked on academics, research and collaboration with industry and other knowledge partners. On academic front, we have got approval from the Govt. of Haryana to start new under graduate and post graduate programs. Prof. V.K. Mahna has recently taken over charge as Pro Vice Chancellor of the University. Ms. Goldy Malhotra has been entrusted with the responsibility of newly created Department of Education to take care of the Education Programs. BBA and MBA programs with specialization in Health Care Management, Real Estate, Family Business and Entrepreneurships and Construction Management shall be starting from

the forthcoming session 2016-17. The University has been doing well on R& D also. Ph.D. Programs were started from 16.01.2016 in the three Faculties i.e. Faculty of Engineering, Faculty of Applied Sciences and Faculty of Management and Commerce. 47 candidates have joined the programs from the reputed organizations including our own faculty members. Learning from the last year's experience, we have brought the fee structure and scholarship/free-ship policy at par in both the Universities. With these words, he concluded his remarks and requested the Registrar to take up Agenda items. Then, the agenda were taken up one by one for discussion:

2.2 Confirmation of the Minutes of the last meeting of the GB held on 05.09.2014

The Governing Body was informed that Minutes of the last meeting held on 05.09.2014 were circulated to all the members vide letter no. MRU/GB(M&M)/2014, dated 10.10.2014. No comments were received from any one of the members. Hon'ble members were apprised in brief of the contents of the discussion and requested to confirm the Minutes.

Decision: The Governing Body confirmed the Minutes of the last meeting.

2.3 Action Taken Report

Hon'ble members were informed that, in the first meeting, the Governing Body had deliberated on the issue relating to effect of incorporation of the University, Programs to be offered under various Faculties/Departments and the proposed draft of First Statutes of the University. The proposed First Statutes were approved for submission to the Govt. The approved Statutes were accordingly, submitted to the Additional Chief Secretary, Department of Higher Education, Haryana, Panchkula on 06.09.2014 for approval and notification in the official Gazette. The Department of Higher Education, Panchkula (Haryana) vide their letter, dated 13.03.2015 had informed that some Statues were not drafted properly as per provisions of the Haryana Private University Act, and should be accordingly modified. The First Statues was therefore revised and re-submitted to the Department of Higher Education on April 1, 2015. The DHE, then, forwarded the observations of the Committee constituted by the Government to give final report on the draft vide their letter, dated 25.08.2015 which was acted upon & incorporated in the Statutes. The modified First Statutes was sent to the DHE vide letter no. MRU/G.B.(M&M)/2014, dated 22.09.2015 for further action at their end. It is likely to be notified soon by the Govt.

Decision: Governing Body took the Action Taken Report on record.

2.4 Matter for information

i) Appointment of Vice Chancellor:

It was submitted for information of the Governing Body that Prof. (Dr.) Sanjay Srivastava was appointed as Vice Chancellor of the MRU by the Hon'ble Chancellor from a panel of three persons recommended by the Search cum Selection Committee headed by Prof. (Dr.) Girishwar Misra, Vice Chancellor, Mahatma Gandhi International Hindi University (Central University), Wardha (MH). Prof. Srivastava assumed the charge of the office of the Vice Chancellor w.e.f. 16.02.2015.

ii) Appointment of Registrar:

Hon'ble members were also informed that Dr. Kameshwar Singh was appointed as Registrar of the MRU by the Chairman of the Sponsoring Body on the basis of recommendations made by the Selection Committee comprising the Vice Chancellor, MRU and two members nominated by the sponsoring Body as per provisions in the Act/ Statutes of the University. Dr. Singh assumed the charge of the office of the Registrar w.e.f. 24.02.2015.

iii) Constitution of Board of Management of the University

The Hon'ble members of the Governing Body were informed that Board of Management of the Manav Rachna University was constituted by the Hon'ble Chancellor as per the provisions envisaged in the section 23(1) of the Haryana Private universities Act, 2006 and amended from time to time. An order to this effect was issued vide Ref. No. MRU/BOM (A&M) 2015 dated 20.02.2015. The Board comprises the following:

1. Prof. (Dr.) Sanjay Srivastava, Vice Chancellor
2. Additional Chief Secretary, Department of Higher Education, Govt. of Haryana, or his nominee,
3. Dr. Amit Bhalla, Vice President, HQ A- Block, MRIU, Faridabad.
4. Dr. N.C. Wadhwa, Vice Chancellor, MRIU, Faridabad.
5. Shri Pramit Sanghavi, Managing Director, Varahi Group of Industries, New Delhi.
6. Shri Navdeep Chawla, Managing Director, Psychotropic India Ltd & President Industry Association, Faridabad
7. Shri M.K. Miglani, I.A.S (Retd.), Former Chief Secretary, Govt. of Haryana; H.No. 1161, Sector- 15, Faridabad.
8. Prof. (Dr) Meenakshi S. Khurana, Professor and Dean, MRU, Faridabad.

9. Prof. (Dr) B.M. Bahal, Professor, MRU, Faridabad.
10. Prof. (Dr) M.R. Tyagi, Professor, MRU, Faridabad.
11. Prof. (Dr) Amit Seth, Professor, MRU, Faridabad.
12. Prof. Sangeeta Banga, Associate Professor, MRU, Faridabad.
13. Dr. Kameshwar Singh, Registrar/Member Secretary

Three meetings of the Board of Management of the University have been held so far till date. First one was held on 10.03.2015, second was held on 30.09. 2015 and third was held on 21.01.2016.

The Chairman suggested that Prof. V.K. Mahna Pro Vice Chancellor be made a member of the Board of Management and Academic Council in place of Prof.(Dr.) Amit Seth, Ex. Professor, Management of the University which was unanimously agreed by all the members..

iv) Constitution of Academic Council of the University

It was submitted for information of the Hon'ble members that Academic Council of the University was constituted by the Hon'ble Chancellor as per the provisions envisaged in the section 24(1) & 24(2) of the Haryana Private Universities Act, 2006, read with clause 8 of the MRU (First) Statues, 2015 and amended from time to time. An order to this effect was issued vide Ref. No. MRU/Acad. Council/2015-16, dated April 21, 2015. The Academic Council comprises the following:

1. Prof.(Dr.) Sanjay Srivastava, Vice Chancellor;
2. Prof.(Dr.) P. K. Bhatnagar, Professor, Dept. of Elect, D.U;
3. Prof.(Dr.) R. K. Singh, Professor, Delhi School of Economics, D.U;
4. Prof.(Dr.) S. K. Garg, Pro Vice Chancellor, Delhi Technological University, Delhi,
5. Dr. S.K. Goyal, Executive Director, Star wires(India) Ltd. Faridabad,
6. Shri P. Panda, Vice President, Maruti Udyog Limited, Gurgaon
7. Prof.(Dr.) M. S. Khurana, Dean (Academics) & HoD (Mech. Engg.);
8. Prof.(Dr.) B.M. Bahal, Dean (Applied Sciences & Research);
9. Prof.(Dr.) M.R. Tyagi, Dean (Engineering);
10. Prof.(Dr.) Amit Seth, Dean (Mgt. & Hum.) & HoD (Management);
11. Dr. Haider Abbas, HoD, (Physics);
12. Dr. Megha Mittal, HoD, (Chemistry);
13. Prof. (Dr.) A. K. Gupta, Professor, (Chemistry);
14. Dr. Deepa Arora, HoD, (Mathematics);
15. Mr. Jaideep Singh, HoD, (Humanities);
16. Prof. (Dr.) S. Duggal, Professor (Management.);
17. Prof.(Dr). Nand Kumar, Professor (CST);
18. Ms. Sanjana Malhotra, HoD (Elec. & Comm. Engg.)

19. Prof.(Dr.) D.K. Sharma, Professor (Physics);
20. Prof.(Dr.) Charu Pathak, Professor (ECE);
21. Ms. Meena Kapahi, Associate Professor;
22. Dr. Y.K. Awasthi, Assistant Professor;
23. Prof.(Dr.) B.D. Pathak, Professor (Mech. Engg.);
24. Dr. Kameshwar Singh, Registrar / Member Secretary;

Two meetings of the Academic Council have been held so far till date. First one was held on 24.09.2015 and second was held on 13.01.2016.

v) Constitution of Finance Committee of the university

The Governing Body was informed that Finance Committee of the University was constituted with the approval of the Hon'ble Chancellor as per the provisions under section 29 of Haryana Private Universities Act, 2006 vide order no. MRU/FC (A&M)/2015 dated 28.02.2015 which comprises the following members:

1. Prof. Sanjay Srivastava, Vice Chancellor
2. Dr. Amit Bhalla, Vice President, MREI
2. Dr. M. M. Kathuria, Member. Board of Trustees
3. Shri. Amit Kumar, C.A.
5. Prof. Meenakshi S. Khurana, Dean (Academics)
6. Dr. Kameshwar Singh, Registrar
7. Shri Rajiv Malhotra, Chief Finance & Accounts Officer/Member Secretary

vi) Decisions taken by the Board of Management in three meetings held on 10.03.2015, 30.09.2015 & 21.01.2016

Hon'ble members of the Governing Body were apprised that the Board of Management in its last three meetings took decisions on various matters and also approved the decisions of the Academic Council and Finance Committee. The agenda and the decisions were read for information of the members.

While deliberating on the issues, the chairman desired to have a calendar of the meeting of the bodies and the meeting of the governing Body be also held together with other bodies, Vice Chancellor, Pro VC and Registrar should decide the same. Further, there should be clear demarcation which item be taken up with which bodies, financial matters should first be taken up with the Finance Committee and should come to the Governing Body through Board of management. The decisions of the FC and the Board shall be recommendatory in nature and henceforth it be minuted in their minutes accordingly.

vii) Preparation of the First Ordinance and its submission to the Govt. for approval and notification in the Official Gazette.

The Governing Body was informed that the First Ordinance relating to Admission to the Courses of Study, Conduct and Evaluation of Examination for Under Graduate and Post-Graduate Programs leading to award of Bachelor of Technology, Master of Technology/ Post Graduate Diploma and Master in Business Management Degrees of the University prepared by the Vice-Chancellor, as per provisions in the Act was approved by the Board of Management in its first meeting held on 10th March, 2015. The approved ordinance was submitted to the Government for their approval on 1st April, 2015.

Subsequent Ordinance on Ph. D Program was also prepared and submitted to the Government for their approval on May 7, 2015. The Directorate of Higher Education, Haryana Government, Panchkula then constituted a committee to examine the ordinances. A meeting of the Committee was held on June 20, 2015 in the office of the Registrar, BPS Mahila University, Sonapat. In that meeting, which was also attended by the Dean (Academic), Dean (Applied Sciences) and the Registrar, the Committee reviewed the First Ordinance and suggested that subsequent Ordinance on Ph. D Program be also merged with the First Ordinance and the revised one be brought in the next meeting of the Committee. On our vigorous persuasion and request, two dates were proposed in the m/o January, 2016 (12th& 28th) which were not suiting us because of scheduled meeting of FC on 12th and being busy in preparations for B.Ed. inspection which was to be held on 30.01.2016. The First Ordinance, accordingly, revised and placed for perusal of Hon'ble Members. The Governing Body desired that it should be followed up and expedited at the earliest.

viii) Preparation of Second Ordinance on Maintenance of Discipline among the Students and its submission to the Govt. for approval and notification in the Official Gazette.

Governing Body was informed that in order to maintain discipline in the campus it was felt necessary to have a proper ordinance to define the kind of misconducts and penal actions and procedures to deal with such kind of acts. The University after having gone through the similar ordinances prevailing in other institutions prepared a draft ordinance relating to Maintenance of Discipline among the Students which was placed before the Academic Council for its consideration and after its acceptance by the Academic Council, same was placed before the Board of Management in its third meeting held on 21.01.2016 as required in the Act. The Board approved the proposed Ordinance. It has now been sent to the Additional Chief Secretary, DHE,

Haryana, Panchkula vide letter no. MRU/BOM (A&M)/2016, dated February 16, 2016 for approval and notification in the Gazette.

ix) Regulation on Consultancy Rules of the University

Hon'ble members were informed that the University intends to encourage faculty members to undertake consultancy works in the area of their expertise as a normal component of duties culminating in professional development of faculty. It would also be a source of additional revenue generation for both i.e. the faculty concerned and the University. The consultancy services can be offered to the industrial houses, academic bodies, Societies, research bodies etc to provide solution to their problems, or for capacity building. To lay down the procedure for the same, a draft Regulation on Consultancy works was prepared in consultation with senior faculty members for consideration of the Board. The Draft Regulation was placed before the Board of Management in its third meeting held on 21.01.2016. This has been circulated to all the Concerned Deans & HoDs through email for information and compliance.

Governing Body was of the view that consultancy work being linked with the finance, it should have assent of the GB .The decision of the Board was accordingly, ratified by the Governing Body.

x) Programs to be offered and the policy of admission, fee structure and Scholarship for the next Academic Session 2016-17

The Governing Body was informed that University shall offer the ongoing B. Tech./ B. Sc (Hons) / M. Tech./ MBA and new B.A.(Hons)/ BBA(CC)/ M.Sc./ B.Ed./ B.Sc.B.Ed./ B.A.B.Ed. during the Academic Session 2016-17 based on Choice based Credit System (CBCS) likewise in the current academic Year 2015-16.The Admission Policy, Fee Structure and Scholarship Policy shall be as under:

(a) Admission policy for ongoing B. Tech., M. Tech. MBA and B.Sc. (Hons) programs for the Academic Session, 2016-17

It is submitted for information that the university has decided to continue to offer all the existing UG/ PG Programs during the forthcoming Academic session, 2016-17. The program-wise intake, eligibility condition shall be as follows:

i) Bachelor of Technology (B. Tech.) Programs

The university shall offer four B. Tech. Programs with intake as given below that was approved by the Board of Management in its second meeting held on 30.09.2015:

- | | |
|-------------------------------------|-------|
| 1. Computer Science and Engineering | : 180 |
| 2. Mechanical Engineering | : 120 |

3. Electronics and Communication Engineering : 60
4 Information Technology : 60

The admissions to the programs shall be made on the basis of merit/rank in the JEE (Main)/ Unigauge E MeD. However, in case of non- availability of the candidates from the above categories, admissions shall be made on the basis of merit of marks in the qualifying examinations.

The following shall be the eligibility criteria:

The candidates should have passed 10 +2 examination from the CBSE/ State Boards or from any other recognized Board/Council with 60% marks in aggregate with Physics, Mathematics and English. First preference will be given to the candidate appeared in JEE (Main), 2016 conducted by the CBSE. The merit shall be determined by giving 60% weightage to the score in JEE (Main), 2016 examination and 40% weightage of the aggregate marks scored in qualifying examination.

Second preference shall be given to the candidates having appeared in the Unigauge E Me D, 2016. The merit shall be determined by giving 60% weightage of score in Unigauge E Me D, 2016 and 40% weightage of the aggregate marks of the qualifying examination.

However, in case of non- availability of the candidates from the above categories, admissions shall be made on the basis of merit of marks in the qualifying examinations.

(b) Bachelor of Science B.Sc. (Hons) Programs

The B.Sc.(Hons) programs in three disciplines i.e. Physics, Chemistry and Mathematics with intake (40) in each program were started by the University from the Session 2015-16. It is proposed to continue the above programs during the next academic session, 2016-17 with intake (25) in each of the three programs considering the students teacher ratio as 25:1.

Admission to the above programs shall be made strictly on the basis of merit in MRNAT. Vacant seats if any shall be filled on the basis of merit in qualifying examination.

The following shall be the eligibility criteria:

Candidates should have passed 10 + 2 examination from any recognized Board with 50% or more marks in aggregate of three Science subjects (Phys., Chem. & Math./Bio) for B.Sc. (Hons) Chemistry and Phys., Chem. and Math for B.Sc. (Hons) Physics & B.Sc.(Hons) Mathematics along with English.

(c) Master of Technology (M. Tech.) Programs

Three M. Tech. Programs, namely, M. Tech. in Computer Engineering (CE), M.Tech.in Electronic & Communication Engineering (ECE) and M.Tech.in Mechanical Engineering (ME) shall continue to be offered during the Session 2016-17 with existing intake 18 in each program.

Admission to the above programs shall be made on the basis of merit in GATE in the relevant stream. However, in the absence of GATE candidates, seats, if any remain vacant shall be filled on the basis of merit in the qualifying examination.

Eligibility Criteria

M. Tech. (CE): “The candidate should possess B.E/ B. Tech. in Computer Science & Engineering/ Computer Technology/ Information Technology/ MCA or equivalent with minimum 55% marks”.

M. Tech. (ME): “The candidate should possess B.E. / B. Tech. in Mechanical Engineering/ Production Engineering/ Automobile Engineering/ Industrial Engineering / Agriculture Engineering/ Aeronautical Engineering/ Marine Engineering/Mining & Metallurgy or equivalent with minimum 55% marks”.

M. Tech. (ECE): “The candidate should possess B.E/ B. Tech. in Electronic & Communication / Electronics & Instrumentation/ Electronics Engineering / Electronics Instrumentation & Control/ Electrical Instrumentation & Control/ Instrumentation Engineering/ Control Engineering/ Electronics Engineering or equivalent/ M.Sc. Physics/ M.Sc. Electronics with minimum 55% marks.

Governing Body was of the view M.Sc. in Computer Science, Information Technology; Mathematics & Applied mathematics shall also be eligible for admission to the M. Tech. (CSE) Program.

(d) Master’s in Business Administration (MBA) Program

The university proposes to offer MBA program with intake 60 during the session 2016-17 also. Admission to this program shall be made on the basis of Merit in CAT/MAT/XAT or on the basis of merit in qualifying degree, followed by group discussion / personnel interview. The first preference will be given to the candidates qualified in CAT/XAT/MAT.

Eligibility Criteria

The candidate should possess Bachelor’s degree in any discipline from a recognized university or equivalent with minimum 50% or Pass in the final examination conducted

by the Institute of Chartered Accountant of India/ Institute of Costs & Works Accountant of India/ Institute of Company Secretaries of India.

(e) Admission of NRI/ PIO/ Foreign Nationals in 2016-17

a) Programs offered: The details of the programs available and eligibility criteria shall be same for all the programs as prescribed above.

b) Admission Procedure:

1. NRI/ PIO/ Foreign Nationals seeking admissions in different programs in MRU may submit scanned copy of duly filled and signed application form downloadable from MRU website: www.iec.mru.edu.in along with scanned copy of the following certificates:

a). Academic Transcript translated in English (If original transcript is in a language other than English), the translated transcript in English shall have to be attested by Indian Embassy of the candidates Country or Embassy of Candidate's Country in India or by Head of Department, Department of Education, Province / Federal Government of the Candidate's Country.

b). Passport showing the name, address, validity, issuing authority, valid reason if any etc.

c). The candidates shall also be required to submit two letters of recommendation from the faculty, authorities of their previous institution/ school. In case of application for under graduate program one LOR may preferably be from school counselor.

2. On receipt of application form, MRU shall get the eligibility of the candidate confirmed for the applied academic program and convey to the candidate whether he/ she are eligible for admission or not.

3. A candidate who has been adjudged eligible for admission in a particular program shall be required to deposit the preliminary fee as under through Bank Transfer, after verification of which MRU shall issue a Provisional Admission Letter for facilitating the candidates to apply for Visa.

e) Policy for admission to the new programs in B.A. (Hons) Economics, BBA (CC) and M.Sc. in Physics, Chemistry and Mathematics

Admission to the above programs shall be made strictly on the basis of merit in MRNAT. Vacant seats if any shall be filled on the basis of merit in qualifying examination.

The following shall be the eligibility criteria:

BA (Hons) in Economics: The Candidates should have passed 10 + 2 examination from any recognized Central/ State Boards with 50% or more marks, in aggregate. A Candidate having Economics as one of the subject in 12th Class will be preferred over others.

BBA (Corporate Collaboration): The Candidates should have passed 10 + 2 examination from any recognized Board with 50% or more marks in aggregate.

M.Sc. in Phys, Chem. and Maths: The Candidates should have acquired 50% or more marks in aggregate in honors program of the relevant discipline in Graduation i.e. B.Sc. (H) in Physics, Chemistry and Mathematics OR 60% marks in B.Sc. General (Phys., Chem. & Math./Bio) for M.Sc. in Chemistry and Phys., Chem. and Math for M.Sc. Physics & M.Sc.in Mathematics.

While deliberating on the above, the Chairman informed that B.A.(Hons) Program has now been decided to be dropped in MRU and the following new Management Programs with intake as shown against each are proposed to be offered under the Department of Management & Commerce;

1. MBA (Executive) Dual Specialization (Weekend program) - 60
2. MBA in Real Estate with specialization in:
 - a) Real Estate, Infrastructure and Land Management - 30
 - b) Construction Management - 30
3. MBA in Entrepreneurship and Family Business - 20
4. MBA in Sports & Events Management - 20
5. MBA in negotiation and Diplomacy skills - 20

BBA programs- Under graduate (3 years)

1. BBA (Health Care Management) in association with Cygnus Hospitals - 40
2. BBA (Accounts & Finance) - 40
3. BBA (Entrepreneurship & Family Business) - 40

This was appreciated by all the members and taken on record.

(f) **Policy for admission to B.Ed. & Integrated B.Ed. programs.** Governing Body was informed that the University intends to offer B.Ed. & two integrated B. Ed programs viz. B.A. B.Ed. & .B.Sc. B.Ed. programs from the session 2016-17 under the department of education, a new department created for the purpose, subject to

approval from the National Council for Teacher Educations (N.C.T.E). The intake in all the above three program shall be 100 each.

Admission to the above programs shall be made strictly on the basis of merit in MRNAT. Vacant seats if any shall be filled on the basis of merit in qualifying examination. The proposal has been approved by the Haryana Govt. and competent bodies of the University.

Eligibility condition:-

B.Ed. Program (2 years):- The Candidates should have 50% or more marks, in aggregate in Graduation.

B.Ed. Integrated (4 years): - The Candidates should have 50% or more marks, in aggregate in any discipline in the Senior Secondary /+ 2 or equivalent examinations conducted by any recognized Central/State Boards.

B.Sc. B.Ed. Integrated (4 Years): - The Candidates should have 50 % marks in aggregate in relevant discipline (Science- Medical/ Non-Medical stream) in the Senior Secondary /+ 2 or equivalent examinations conducted by any recognized Central/State Boards.

Relaxation in eligibility condition to be given in all the above UG/ PG programs

The relaxation of 5% marks in minimum eligibility criteria will be given to the candidates belonging to women, SC/ST,BC,OBC, Kashmiri Migrants, North east states (seven), sports personnel (with authorized participation at national level), Son / daughter of Defense personnel categories and Foreign National categories.

SCHOLARSHIP /FREE-SHIP POLICY

Hon'ble members were informed that the Board of Management on the recommendation of the Academic Council has approved the scholarships to be offered to the students in the form of tuition fee waiver on the basis of marks/ CGPA in the qualifying examination as per the following scale:-

Merit Scholarship

The University shall offer the following scholarships to the students:

UG Level Programs (B. Tech./ B.sc (Hons.)/ B.A. (Hons.)/ BBA (CC)/ B.Ed, B.A. B.Ed. / B.Sc. B.Ed.)

90.00% & above	100% Tuition Fee waiver
85.00% above but below 90.00%	50% Tuition Fee Waiver
80% above but below 85%	25% Tuition waiver

PG Level Programs (M. Tech / MBA & M.Sc.)

80.00% & above	100% Tuition Fee waiver
75.00% above but Below 80.00%	50% Tuition Fee waiver
70.00% above but below 75.00%	25% Tuition waiver

CONTINUATION OF SCHOLARSHIP

Progress of student awarded scholarship for academic year in subsequent year shall be reviewed after end of 2nd semester for continuation, based upon his/ her performance in the 1st and 2nd semester. For continuation of scholarship student shall be required to:

- Maintain a minimum CGPA of 7.75,
- Minimum 75% attendance in all courses in each semester and
- Register for all courses and earn credits for these courses as defined in the curriculum schemes of program of admission i.e. the students shall not pursue the Semester in under load mode (registering for lesser number of credits).
- Applicant should not have been suspended for any grave act of indiscipline by the university.
- No disciplinary action against the applicant is established or pending in case of raging or eve teasing.
- The applicant should not be receiving any other scholarship from any other source whatsoever, for which a certificate signed by the student & parents is to be provided.

If the student fails to satisfy any of the above, the Scholarship awarded shall be withdrawn, Scholarship once withdrawn, due to violation of any of the above stated criteria, shall not be re-awarded to the student concerned during the course of study. The maximum period of award shall be the normal duration of program.

Merit cum Means Scholarship

MRU offers Scholarships based on merit cum means, to the candidates admitted under reservation for Haryana Candidates. Scheme shall be applicable to all the undergraduate and Post Graduate Programs. The Scheme is applicable to all students whose parents have annual income up to Rs. 2.80 Lacs from all sources. Under the scheme, the students shall be given fee waiver limited to the tuition fee as per the following scale. Candidates are required to pay other fee as applicable to the program concerned.

- One fifth of the twenty five percent shall be granted full tuition fee concession;
- Two fifth of the twenty five percent shall be granted fifty percent fee concession;
- The balance two fifth of the twenty five percent shall be granted twenty five percent fee concession.

Condition for Continuation of Scholarship in Subsequent Years

Applicant must fulfill the following criteria for claiming the fee concession:

- The attendance criteria of university.
- Maintain a minimum CGPA of 6.25. However, if any student considered for fee concession in the first year fails in any of the subject, he /she may be considered for continuation of fee concession provide that he/she shall have to clear the subject in the subsequent academic year failing which he/she may not be considered for the continuation of Fee concession.
- Applicant should not have been suspended for any grave act of indiscipline by the university.
- No disciplinary action against the applicant is established or pending in case of raging or eve teasing.
- The applicant should not be receiving any other scholarship from any other source whatsoever, for which a certificate signed by the student & parents is to be provided.

While deliberating on the above, Governing Body resolved that even in the case of Merit Cum Means Scholarships, the students should maintain a minimum CGPA of 7.75.

Candidate passing out from any of the institution of MREI and Son/ Daughter of faculty/ staff member of any institution of MREI will get one time concession of Rs. 5000/- at the time of admission in any of the program being offered at Manav Rachna University.

Fee Structure

Hon'ble Members were informed that the Board of Management on the recommendation of the Finance Committee has approved the Fee Structure for the UG/PG programs for the session 2016-17 and read before the members.

xi) Inclusion of the name of the University in the list of Universities maintained by the University Grant Commission.

It was submitted for information of the Hon'ble members that the name of Manav Rachna University has been included in the list of universities maintained by the UGC on its website: www.ugc.ac.in. This has been conveyed by the Under Secretary, UGC vide letter No. F.8-17/2015(CPP-i/PU) dated 09.09.2015. The UGC has asked for submitting detailed information in the prescribed format along with supporting document, attested by the Registrar of the University within period of three months from the receipt of the letter. The Board of Management of the University has authorized the Vice Chancellor of the University to take further action as required. The action on it is in progress.

xii) Starting of Ph.D. Program from January, 2016

It was submitted for information that Advt. for admission to Ph.D. program was published in leading national dailies for admission to 105 seats in three Faculties; 35 earmarks for Faculty of Engineering, 40 earmarks for Faculty of Applied Sciences and 30 earmarks for the Faculty of Management and Commerce. In response to that 60 candidates applied for admission. The test and interview for the same were conducted from 18.12.2015 to 20.12.2015. The Selection Committee recommended 54 candidates for admission to the program. The candidates were asked to deposit the fee by 15.01.2016. 47 candidates have registered for the Ph.D. program. The program commenced from 16th January, 2016 with the registration of the candidates followed by orientation.

xiii) Students Achievements

- a) In Microsoft Imagine Cup, 2015 National Finals three teams in three different categories emerged out as winner in **Gaming (I Position), Innovation (Ist Position) and World Citizenship (3rd position)**. Finally, the team under innovation category, represented India in the International finals of Imagine Cup, held at **Seattle, USA from 27th July to 31st July, 2015**.
- b) Jehi Jha and Neha Valecha from Manav Rachna University were the lucky few who got an opportunity to be a part of the delegation of 50 Indian Students, selected and sponsored by Ministry of Youth Affairs, Government of India.

- c) **Roopam Sharma** student of 3rd Year CST department won the **World Championship of Microsoft Youth Spark Challenge 2015**. He received the **cash prize of \$2,500** for turning his ideas into a reality. He also got the opportunity to attend **six weeks of leadership training program at Microsoft in Nicaragua**.
- d) 6 students namely **Kamal Verma (7th Sem, CSE), Monika Rani (5th Sem, CSE), Aditi Chauhan (7th Sem, CSE), Swaraj Singh (3rd sem, ECE), Kartik Sibal (1st Sem, CSE) and Niharika Kalia (5th Sem, IT)** got selected as **Microsoft Student Partners (MSP's)** for the year 2015-16. The MSP program enhances students' employability by offering training in skills not usually taught in academia, including knowledge of Microsoft technologies.
- e) **Himanshu Khatter** of IT 7th Semester was selected the **top 5 beta tester in honor beta testing program organized by Huawei**. He was awarded with many prizes and got the **invitation to attend HUAWEI 2nd ANNIVERSARY CARNIVAL** which is a global event scheduled on 12th of December in **Shenzhen, China**.
- f) **Team Autotragerns** from Mechanical Engineering department **qualified for the finals of Formula Student India (FSI)** to be held in February, 2016.

Decision: The Governing Body took the above information on record with the following decision on some of the items as under:

1. **Prof. V.K. Mahna, Pro Vice Chancellor be made a member of the Board of Management and Academic Council in place of Prof. (Dr.) Amit Seth, Ex. Professor and Dean, Management.**
2. **Financial matters should first be taken up with the Finance Committee and should come to the Governing Body through Board of management.**
3. **Vice Chancellor, Pro Vice Chancellor and Registrar should prepare a calendar of the meeting of all the bodies i.e. GB, BoM, AC & FC and also see which items be taken with which bodies for consideration and approval in future.**
4. **The Ordinance Committee should expedite its recommendation to the Govt.**
5. **Ratified the Consultancy Regulation approved by the Board of Management.**
6. **M. Sc. in Computer shall also be eligible for admission to M. Tech. in Computer Engineering.**

7. Students awarded Merit cum Means Scholarships should also maintain a minimum CGPA of 7.75 for its continuation in subsequent years.

2.5 Matter for ratification

i) Approval of Budget of the University for the year 2015-16

It was submitted for information that the Manav Rachna University came into existence from the date of its incorporation in the Haryana Gazette (Extra) i.e. on 06.08.2014 and started functioning formally with the appointment of Vice Chancellor. However, its Accounts were decided to be maintained separately from April 01, 2015 and accordingly first budget of the University was prepared and presented before the Finance Committee in its first meeting held on 05.03.2015. The FC approved the Budget of Rs.4112.50 lakhs for the year 2015-16 with the advice that income of the university should also be kept into consideration while preparing the budget, it should be reviewed. In the second meeting of the FC which was held on 22.09.2015 it considered the detail of actual expenses and Revenue for the first five months of current financial year 2015-16 i. e. from 1st April, 2015 to 31st August, 2015 and resolved to review the Budget in January, 2016. The above was also approved by the Board of Management in its second meeting held on 30.09.2015. The copies of the budget for the year 2015-16, duly approved by the FC & BoM along-with actual expenditure for five months were placed in the meeting for perusal of the Hon'ble members.

(ii) Approval of Revised Budget of the University for the Year 2015-16

Governing Body was informed that the revised budget of the University was placed before the Finance Committee in its third meeting held on 12.01.2016. The CF& AO of the university presented the revised estimate as under:

MRU - REVISED BUDGET 2015-16

₹ in lacs

Sl. No.	Particulars	Budget (2015-16)	Actual upto 31.12.15 (9 M)	Estimated upto 31.03.16 (3 M)	Total Upto 31.03.16
A)	INCOME :				
1	Academic Fees from Students	3577.46	1883.74	619.98	2503.72
2	Hostel Fees from Students	508.90	323.33	102.67	426.00
3	Other Income	30.00	47.62	11.00	58.62
4	Unsecured Loan (Shortfall)		435.06	89.77	524.83
	TOTAL – INCOME	4116.36	2689.75	823.42	3513.17
B)	PERSONNEL :				
a)	Teaching Staff	1,001.60	699.69	233.23	932.92
b)	Non-teaching Staff	231.15	162.20	54.07	216.27
c)	Estimated salary for visiting/expert lectures (incl. knowledge partners)	7.00	29.41	9.80	39.21
d)	Salary for Contractual Staff for various services i.e. Security, Housekeeping, Maintenance & others	76.04	55.80	26.35	82.15
	TOTAL – A	1,315.79	947.10	323.45	1270.55
C)	NON-RECURRING EXPENDITURE :				
1	Machinery & Equipments	45.00	10.65	15.00	25.65
2	Furniture & Fixtures	10.00	0.21	1.50	1.71
3	Software	20.00	18.30	1.70	20.00
4	IT (incl. Computers)	15.00	1.22	3.00	4.22
5	Building Incl. WIP	300.00	16.58	10.00	26.58
6	Vehicles	8.00	0	0.00	0.00
7	For B. Ed. Programs (building, computers, furniture etc.)	-	0	30.00	30.00
	TOTAL – B	398.00	46.96	61.20	108.16
D)	RECURRING EXPENDITURE :				

1	Scholarship to Students	85.00	28.08	23.50	51.58
2	Students Welfare	47.00	31.91	10.64	42.55
3	Students Training(incl. CDC training)	28.00	29.13	9.71	38.84
4	Books & Journals(incl. e -journals, magazines etc)	95.00	35.56	35.00	70.56
5	Sports Activities	45.00	5.12	1.71	6.83
6	Training Consumables Labs	25.00	8.90	2.97	11.87
7	Faculty Development	7.50	3.09	1.03	4.12
8	Staff (non-teaching) Development	0.45	0	0.00	0.00
9	ERP charges	26.00	15.83	5.00	20.83
10	Orientation Program - First Year only	1.00	1.54	0.51	2.05
11	Printing & Stationery	85.00	26.67	8.89	35.56
12	Repair & Maint. of Furniture & Fix.	17.00	20.46	6.82	27.28
13	Repair & Maintenance of Equipments& Electricals	130.00	49.93	16.64	66.57
14	Electricity & Fuel Charges	380.00	203.26	45.00	248.26
15	Maintenance - Public Health	1.00	24.55	8.18	32.73
16	Maintenance - IT & Communication	28.00	16.82	5.61	22.43
17	R & D Charges	30.00	6.11	24.00	30.11
18	Repair & maintenance of Building	175.00	56.51	18.84	75.35
19	Horticulture	4.00	4.33	1.44	5.77
20	Staff Welfare / Pantry Exp.	15.00	17.05	5.68	22.73
21	Examination Exp./Univ. Charges	109.30	67.95	23.00	90.95
22	Hostel Expenses	252.50	164.34	54.78	219.12
23	Convocation Expenses	3.20	0	0.00	0.00
24	Postage & Courier	0.50	0.15	0.05	0.20

25	Travelling & Conveyance	5.00	12.05	4.02	16.07
26	Student Admission Expenses	100.00	244.09	25.00	269.09
27	Re-payment of secured loan	320.00	320.00	0.00	320.00
28	Re-payment of unsecured loan	57.03	45.15	15.05	60.20
29	Interest	293.48	229.54	76.51	306.05
30	Misc.	7.64	6.59	2.20	8.79
31	Legal & Professional charges	7.00	9.18	3.06	12.24
32	Lease Rent	7.91	8.03	2.68	10.71
33	Membership etc	1.20	0	0.00	0.00
34	Insurance	9.00	3.77	1.26	5.03
	TOTAL – C	2,398.71	1695.69	438.77	2134.46
	GRAND TOTAL (A+B+C)	4,112.50	2,689.75	823.42	3,513.17

FC took the expenditure for three quarters on record and resolved that the Budget be reviewed by the university after 31st January, 2016.

As decided in the Finance Committee, an exercise to review the expenditure and fund requirement under different sub-heads was undertaken at the level of the Registrar in consultation with the CF & AO, Librarian, G.M.(Admn.), AGM (CAD) and Accounts Staff on 23.02.2016. After detailed study of the requirement, it was observed that re-appropriation of the fund from one sub-head to another would be required to meet the shortage of fund in some of the sub-heads, however overall impact of this would be very small on the approved RE. Short fall may further increase by Rs.23 lakhs provided expenditure is incurred in totality in all the sub-heads otherwise it would remain at the same level as projected in RE for 2015-16. A copy of the RE as reviewed on 23.02.2016 was also placed for perusal of the Hon'ble members.

ii) Delegation of Financial Powers to the Vice Chancellor

The Governing Body was informed that Board of Management on the recommendation of the Finance Committee approved the delegation of some financial powers to the Vice Chancellor of the University. The Vice Chancellor is now delegated with the powers to sanction the expenditure relating to Convocation Exp., Orientation Program, Training & Seminar, Pantry & Misc., CRC Exp., Postage Expenses, travelling & Conveyance,

Vehicle Running & Maint., Printing & Stationery, Annual fest/ Vivekanand yuva, Faculty Development, Staff Development, Book & Journals Newspaper, Magazines, Lab repairs & Consumables, Examination Expenses, R&D Exp. and Campus Buzz subject to availability of Budget provision. He may also procure/ place purchase order for stores costing up to Rupees One Lakh.

The members after deliberation resolved to ratify the above action of the University.

Decision: Governing Body ratified the actions taken by the University with approval of the competent bodies i.e. BoM, AC & FC.

2.5 Approval of Budget for the proposed B.Ed. & integrated B.A. B.Ed./ B.Sc. B.Ed. programs

It was submitted for information of the Hon'ble members that the University has decided to start the above Education Programs from the session 2016-17 for which approval was received from the Govt. of Haryana vide DHE letter no.KW 20/5-2013 UNP (5) dated 31.12.2015. Approval of the NCTE, Jaipur, which is a statutory body to grant permission/ recognition for the above programs, is awaited. An inspection to this effect was carried out on 28.01.2016 and 10.02.2016 by two Visiting Teams deputed by the NCTE, Jaipur.

J Block of the University is proposed to be utilized for offering the above programs. In order to renovate the interior portion of the building and to create laboratory /Library facilities, fund to the tune of Rs. 30 lakhs was allocated by the Finance Committee that was also approved by the board of Management in its third meeting held on 21.01.2016.

The books worth Rs.12 lakhs were procured from the existing budget allocation of Library and some laboratory items worth Rs. 84000/- required for the Resource Centers were also procured. As per the estimate provided by the G.M. (Administration), an approximate amount of Rs.26 lakhs plus has been spent on renovation of the interior of the J block.

To make the building functional in all respect with furniture, equipment, laying of the Cables and electrical gadgets, an amount of Rs. One crore would be required in the next financial year as per the estimate provided by the G.M. (Admn).

The Governing body was requested to approve the allocation of Rs.30 lakhs for the newly proposed Education Programs. The GB approved the allocation of Rs.30 lakhs as recommended by the FC and Board and advised that new expenditure as mentioned be taken up through Finance committee/Board for consideration and approval of the Governing Body.

Decision: GB approved the allocation of Rs.30 lakhs.

3.9 Any other matter with the permission of the Chair

(1) Ratification of Balance Sheet and Audited Statement for the FY 2014-15

Governing Body considered the Balance Sheet and audited Statement of the institution for the last financial year 2014-15 and ratified the same as recommended by the Finance Committee / Board of Management.

Decision: Governing Body ratified Balance Sheet and Audited Statement for the FY 2014-15

(2) Institution of Merit Scholarship for Branch Toppers of the Odd/Even Semesters

Chairman proposed that in order to motivate the students for better and sustained academic performance, the University should institute Merit Scholarship, other than the scholarship / freeship already in place, for students bagging 1st, 2nd and 3rd positions in the Odd & Even semester exams (based on the amalgamated SGPA / CGPA) every year for each programme being offered under different Faculties of the University including new programs to be introduced in the years to come, as under:

- a) First position : 25% of Tuition Fee or Rs. 25000/- whichever is less
- b) Second Position : 15% of Tuition Fee or Rs. 15000/- whichever is less
- c) Third Position : 10% of Tuition Fee or Rs. 10000/- whichever is less

The proposal was unanimously endorsed by all the members with suggestion that a Committee comprising the following shall finalize the names of the awardees in each semester.

- | | |
|---------------------------|----------|
| a) Pro Vice Chancellor: | Chairman |
| b) All Deans of Faculties | Member |
| c) Dean Academics | Member |
| d) Registrar | Member |

The Merit Scholarships shall be granted subject to the following conditions:

- a) Any programme must have strength of 90 or more in semester exam to qualify for first, second and third position scholarship; otherwise only a first topper shall be given a first position scholarship.

b) If the strength of a programme is 10 or less no scholarship will be awarded for that course.

c) A student shall be eligible for the benefit of tuition fee waiver only from one source.

Decision:

- i) The Governing Body approves the Institution of Merit Scholarship for the Branch Toppers (Odd/Even Semester) with the above conditions.**
- ii) The scheme shall come in force for the students admitted in University from the academic session 2015-16 onwards.**

The meeting ended with a vote of thanks to the Chair.

(Dr. K. Singh)
Registrar/Member Secretary

F. No. MRU/GB (A&M) Vol.-II /2016

Dated: 07.04.2016

To,

1. PS to Chancellor for kind information to the Hon'ble Chancellor
2. PS to Additional Chief secretary to Government, Haryana ,Higher education Department, Room No.42, VII Floor, Haryana Civil Secretariat, Sector-17, Chandigarh.
3. PS to VC for kind information of the Vice Chancellor
4. PS to Vice President for kind information of the Hon'ble Vice President
5. Dr. M. M. Kathuria, Trustee, 5E/1A. BP, NIT, Faridabad.
6. PS to VC for kind information of the Hon'ble Vice Chancellor, MRIU.
7. Dr. Victor Gambhir, Vice Chancellor, JECRC University, Sitapura, Jaipur.
8. Col. (Retd.) V.K. Gaur, House No. 2429, Sector – 9, Faridabad.
9. Prof. (Dr.) VK Mahana, Pro Vice Chancellor, MRU
10. Dr. M.L. Khurana, Advisor, M-35, Rajouri Garden, New Delhi-110027.
11. Shri. Amit Kumar, FCA, 1H-33, NIT, Faridabad.
12. Shri Rajiv Malhotra, Chief Finance & Account Officer, MRU.

Minutes of the Third Meeting of Governing Body of the Manav Rachna University held on 15.12.2016 at 11.00 A.M. in the Board Room, A Block, MRIU, Campus, Faridabad.

A meeting of the Governing Body of Manav Rachna University was held on Thursday, Dated 15.12.2016 at 11.00 A.M in the Board Room, A Block, MRIU Campus, Faridabad to consider various administrative, academic and financial matters. The following were present:

1. Dr. Prashant Bhalla, Hon'ble Chancellor/Chairman
2. Prof.(Dr.) Sanjay Srivastava, Vice chancellor
3. Dr. Amit Bhalla, Vice President, MREI
4. Dr. M. M. Kathuria, Trustee, Uthan Education Trust
5. Col. (Retd.) V.K. Gaur, Member, Ex-Adviser MREI
6. Prof. (Dr.) Meenakshi S. Khurana
7. Prof.(Dr.) V.K.Mahana, Pro Vice Chancellor (Special Invitee)
8. Shri Rajiv Malhotra, Chief Finance & Accounts Officer (Special Invitee)
9. Dr.Kameshwar Singh, Registrar/ Member Secretary.

Worthy Additional Chief Secretary (Higher Education) or his nominee, Dr. N. C. Wadhwa, Vice Chancellor, MRIU, . M.L. Khurana, Advisor, Prof. Haribansh Chaturvedi, Director, BITM, Greater Noida and Shri Amit Kumar, FCA could not attend the meeting due to other professional engagements. They were granted leave of absence.

The following are the minutes of the meeting:

3.1 Opening remarks by the Chairman

The Chairman welcomed all the members present in the meeting and stated that the University has been doing well on all the fronts. This year, our admissions have been almost three times those of the last academic session. The new programs viz. Bachelor of Education, M.A in Education and Bachelor of Laws are proposed to be inducted from the ensuing academic session 2017-18 The Approval from the Govt. and NCTE has been received for the B.Ed. and Integrated B. Ed. Programs. As far as law program is concerned, the approval of the Govt. for starting the program has been received. The program will be offered under the Dept. of Law/Faculty of Law which has been created by the Board of Management, Now, the process of submitting the Application to the Bar Council of India is in progress. He further said that, due to strenuous efforts of the faculty and officers the University is able to conduct examinations and declare results well in time for which all deserved accolades. He further talked about the ongoing

research work carried out by the Departments and informed that as a University much more needed to be done on this front. With these words, he concluded his remarks and requested the Registrar to carry out the proceedings. The Registrar then took up the agenda of the meeting one by one as follows;

3.2. Confirmation of the Minutes of the last meeting of Governing Body held on 02.03.2016

The Governing Body was informed that the Minutes of the second meeting of the GB were circulated among the members vide letter no. MRU/GB/A&M/Vol.II/ 2016, dated 08.04.2016, no comments have been received from any one of the members. The hon'ble members of the august body were requested to confirm the minutes.

Decision: Governing Body confirmed the Minutes of the last meeting.

3.3. Action Taken Report

It was submitted for information that, the Governing Body in the second meeting had deliberated on the issues and taken decisions which are produced below along with the Action Taken thereon for perusal of the Hon'ble Members.

Sl. no.	Agenda	Decision	Action Taken thereon
1	Opening remarks by the Chairman		No action required
2	Confirmation of the Minutes of the last meeting of the GB held on 05.09.2014	Governing Body confirmed the Minutes of the last meeting.	No action required
3	Action Taken Report	Governing Body took the Action Taken Report on record.	No action required
4	Matter for information i) Appointment of Vice Chancellor ii) Appointment of Registrar iii) Constitution of	Took the information on record with the following decisions: 1. Prof. V.K. Mahna, Pro Vice Chancellor be made a member of the Board of Management and Academic Council in place of Prof. (Dr.) Amit Seth, Ex. Professor and Dean,	1. Order issued accordingly.

<p>Board of Management of the University</p> <p>iv) Constitution of Academic Council of the University</p> <p>v) Constitution of Finance Committee of the university</p> <p>vi) Decisions taken by the Board of Management in three meetings held on 10.03.2015, 30.09.2015 & 21.01.2016</p> <p>vii) Preparation of the First Ordinance and its submission to the Govt. for approval and notification in the Official Gazette</p> <p>viii) Preparation of Second Ordinance on Maintenance of Discipline among the Students and its submission to the Govt. for approval and notification in the Official Gazette</p> <p>ix) Regulation on Consultancy Rules of the University</p> <p>x) Programs to be offered and the policy of admission, fee structure and Scholarship for the next Academic Session 2016-17</p>	<p>Management.</p> <p>2. Financial matters should first be taken up with the Finance Committee and should come to the Governing Body through Board of management.</p> <p>3. Vice Chancellor, Pro Vice Chancellor and Registrar should prepare a calendar of the meeting of all the bodies i.e. GB, BoM, AC & FC and also see which items be taken with which bodies for consideration and approval in future.</p> <p>4. The Ordinance Committee should expedite its recommendation to the Govt.</p> <p>5. Ratified the Consultancy Regulation approved by the Board of Management.</p> <p>6. M. Sc. in Computer shall also be eligible for admission to M. Tech. in Computer Engineering.</p> <p>7. Students awarded Merit cum Means Scholarships should also maintain a minimum CGPA of 7.75 for its continuation in subsequent years.</p>	<p>2. Taken note of it for future guidance.</p> <p>3. A detail on the issue tabled in the Meeting.</p> <p>4. The ordinance Committee has submitted its recommendation to the DHE, Haryana.</p> <p>Action taken accordingly.</p> <p>Action taken accordingly.</p>
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	<p>xi) Inclusion of the name of the University in the list of Universities maintained by the University Grant Commission</p> <p>xii) Starting of Ph.D. Program from January, 2016</p> <p>xiii) Students Achievements</p>		
5	<p>Matter for ratification</p> <p>i) Approval of Budget of the University for the year 2015-16</p> <p>ii) Approval of Revised Budget of the University for the Year 2015-16</p> <p>iii) Delegation of Financial Powers to the Vice Chancellor</p>	Governing Body ratified the actions taken by the University with approval of the competent bodies i.e. BoM, AC & FC	
6	Approval of Budget for the proposed B.Ed. & integrated B.A. B.Ed./ B.Sc. B.Ed. programs	GB approved the allocation of Rs.30 lakhs	Expenditure for the program made accordingly.
7	<p>Any other matter with the permission of the Chair</p> <p>i)Ratification of Balance Sheet and Audited Statement for the FY 2014-15</p>	<p>i) Governing Body ratified Balance Sheet and Audited Statement for the FY 2014-15</p> <p>ii) The Governing Body approves the Institution of Merit Scholarship for the Branch Toppers (Odd/Even Semester) with the above</p>	<p>i) No action required.</p> <p>ii) Order issued and implemented from the session 2015-16</p>

	ii) Institution of Merit Scholarship for Branch Toppers of the Odd/Even Semesters	conditions. The scheme shall come in force for the students admitted in University from the academic session 2015-16 onwards.	
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The Hon'ble Members has detailed a deliberation over the decision no. 3 that is on the Calendar of the Meeting of all the bodies i.e. GB, BOM, AC, FC and also on the items to be taken with respect to bodies presented before it and unanimously approved the same with the advise that the calendar for the year 2017 be prepared and circulated to the members of the respective bodies for their information which will help them to schedule their programs accordingly and keep the date vacant for the meetings.

Decision: Governing Body took the Action taken Report on record with the above advice and approved the calendar of the meeting and items to be taken with the bodies which are annexed as Annexure no I.

3.4. Matter of Information

i) Gazette Notification of the First Statutes of the University

It was submitted for information of the Governing Body that First Statutes of the Manav Rachna University has been approved and notified in the Official Gazette of Haryana vide Notification no. KW 20/5-2013 UNP (5) Dated 02.02.2016,

ii) Decisions taken by the Board of Management in fourth meeting held on 28.09.2016

Hon'ble members were informed that the Board of Management in its fourth meetings deliberated on various administrative & financial issues and took the following decisions.

Sl.No	Agenda	Decision
1	Opening remarks by the Chairman	
2	Confirmation of the Minutes of the last meeting of the Board held on 21.01.2016	Board confirmed the Minutes of the last meeting.
3	Action Taken Report on the Decisions	Board took the Action taken Report

	taken in the Third Meeting of the Board.	on record
4	Matter for information	Board took the information on record
5	Matter for ratification	Board ratified the appointment of One Professor, one Associate Professor and Twelve Assistant Professors
6	Consideration of the recommendation of the Finance Committee made in its meeting held on 06.09.2016	Board accepted the recommendations of the Finance Committee and approved its submission to the Governing Body for approval
7	Approval of the MRU (Second) Regulation, 2016 on Sexual Harassment of Women at Work place	Board approved the Regulation.
8	Creation of Faculty of Law and Department of Law	Board approved the creation of the Faculty of Law and the Department of Law in the University
9	Any other matter with the permission of the Chair (1) Withdrawal/Refund Policy for the Academic session 2017-18 (2) Approval of Intake and Fee Structure for various UG/PG Programs to be offered during the academic session 2017-18. (3) Research and Innovation Incentive Scheme for Faculty Members for Research Publication/Patents Matter for information	Board approved adoption of the withdrawal/refund policy specified in UGC Regulation, 2016 for the academic session 2017-18. Board approved the proposed intake and Fee Structure for the above UG/PG programs. Board approved the above proposal.

iii) Status of Secured, Un- secured loan and Corpus

Hon'ble members were informed that financial account of the University was maintained with effect from 01.04.2015. As per the details provided by the Chief Finance & Accounts Officer, an amount of Rs.1981.17 lakhs was outstanding as

Secured Loan and Rs.531.54 was outstanding as Unsecured Loan taken in the name of Uthan Education Trust. With up-gradation of the MRCE into Manav Rachna University vide Haryana Govt. Gazette Notification dated 06.09.2014, entire amount of the Loan and onus of its repayment has now been shifted on the University. Besides, it also has a corpus of Rs.1719.71 Lakhs on the date. Further an amount of Rs.168.18 lakhs was taken as Secured & Un-secured loan during the year 2015-16 and Rs. 381.49 lakhs was repaid towards the Loan as above. An amount of Rs.161.18 lakhs has further been taken as Un-secured loan during the current Financial year, 2016-17.

iv) Approval & Notification of the First & Second Ordinance in the Gazette- Status thereof.

The Governing Body was also informed that the First Ordinance relating to Admission to the Courses of Study, Conduct and Evaluation of Examination for Under Graduate and Post-Graduate Programs leading to award of Bachelor of Technology, Master of Technology, Master of Business Administration, Doctor of Philosophy etc and Second Ordinance relating to Maintenance of Discipline among the Students ,submitted to the DHE, Haryana are awaiting approval and notification of the Govt.

v) Admissions made to the UG/PG Programs for the Academic Session, 2016-17.

It was informed to the Hon'ble Members that the admissions to various UG/PG programs for the academic Session 2016-17 were made during June, 2016 to 30th September, 2016 as per the eligibility condition approved by the AC & BoM for various UG/PG programs. Currently, 408 students are admitted to First year of all the UG/PG programs, the details of which are as follows:

i) B.Tech.	- 279	iv).M. Tech.	- 04
ii) B.Sc.(Hons.)	- 31	v). M. Sc.	- 22
iii) BBA	- 66	vi) MBA	- 06

The classes were started from different dates i.e. B. Tech.(12.07.2016), B.Sc. (Hons) (08.08.2016) , BBA (14.07.2016) and M.Sc. (08.08.2016).

vi) Programs to be offered and the policy of admission, fee structure and Scholarship for the next Academic Session 2017-18

The University shall offer the ongoing B.Tech./ B.Sc.(Hons) / BBA / M.Tech. and new programs B.Ed./ B.Sc.B.Ed./ B.A.B.Ed & MA (Education) during the Academic Session 2017-18.The Admission Policy, Fee Structure and Scholarship Policy shall be as under:

A. Admission policy for ongoing B. Tech., M. Tech., BBA, B.Sc. (Hons) and M. Sc. programs for the Academic Session, 2017-18

The Members were informed that the university has decided to continue to offer all the existing UG/ PG Programs during the forthcoming Academic session, 2017-18. The program-wise intake, eligibility condition shall be as follows:

(a). Bachelor of Technology (B. Tech.) Programs

The university shall offer for B. Tech. Programs with intake as given below:

1. Computer Science and Engineering	: 180
2. Mechanical Engineering	: 120
3. Electronics and Communication Engineering	: 60
4 Information Technology	: 60

The admissions to the above programs shall be made on the basis of entrance test (MRNAT-2017) conducted by the Manav Rachna University. The merit list shall be prepared on the basis of 60% weightage of MRNAT 2017 and 40% weightage of aggregate marks in qualifying examination. Seats remaining vacant, if any shall be filled on the basis of score in Uni-GAUGE (second preference), JEE-Main 2017 examination (third preference) or marks scored in qualifying examination (last preference).

The following shall be the eligibility criteria:

The candidates should have passed 10 +2 examination from the CBSE/ State Boards or from any other recognized Board/Council with 60% marks in aggregate with Physics, Mathematics and English. First preference will be given to the candidate appeared in MRNAT-2017. The merit shall be determined by giving 60% weightage to the score in MRNAT-2017 examination and 40% weightage of the aggregate marks scored in qualifying examination.

Second preference shall be given to the candidates having appeared in the JEE (Main), 2016 conducted by the CBSE. However, in case of non- availability of the candidates from the above categories, vacant seats, if any, shall be filled on the basis of marks in the qualifying examinations.

Bachelor of Technology (B.Tech.), Lateral Entry.

The university shall also offer the above B.Tech. Programs with intake as given below through lateral entry:

1. Computer Science and Engineering : 36
2. Mechanical Engineering : 24
3. Electronics and Communication Engineering : 12
4. Information Technology : 12

The admissions to the above programs shall be made on the basis of entrance test (MRNAT-2017) conducted by the Manav Rachna University. However, in case of non-availability of the candidates from the above categories, vacant seats, if any, shall be filled on the basis of marks in the qualifying examinations.

The following shall be the eligibility criteria:

The candidates should have passed Diploma in Engineering in the relevant discipline of three years duration from the recognized Board/ or B.Sc. degree with Physics and Mathematics as subjects from a recognized University, as defined by UGC with atleast 60% marks in aggregate.

Introduction of New B. Tech. Program, Industrial Engineering & Management from 2017-18

It was submitted for information of the Governing Body that the Department of Mechanical Engineering of the University intends to start a new B. Tech Program in Industrial Engineering & Management with intake 30 from the academic session, 2017-18. Academic Council has approved the proposal for starting the above B. Tech. program.

B. Bachelor of Science B.Sc. (Hons) Programs

The B.Sc.(Hons) programs in three disciplines i.e. Physics, Chemistry and Mathematics with intake (25) in each program during the next academic session, 2017-18. Admission to the above programs shall be made strictly on the basis of merit in MRNAT-2017. Vacant seats if any shall be filled on the basis of merit in qualifying examination.

The following shall be the eligibility criteria:

Candidates should have passed 10 + 2 examination from any recognized Board with 50% or more marks in aggregate of three Science subjects (Phys., Chem. & Math./Bio) for B.Sc. (Hons) Chemistry and Phys., Chem. and Math for B.Sc. (Hons) Physics & B.Sc.(Hons) Mathematics along with English.

C. Bachelor of Business Administration (BBA) Programs

The university shall continue to offer the above program with existing specializations and intakes during the session 2017-18 under the Department of Management and Commerce.

Admission to the above programs shall be made strictly on the basis of merit. The merit shall be determined on the basis of marks or grade obtained in the MRNAT- 2017 and thereafter on the basis of marks in qualifying examination.

The following shall be the eligibility criteria:

BBA (Health Care Management) in association with Cygnus Hospitals:

The Candidates having passed 10+2 examination from any recognized Board with 50% or more marks in aggregate.

BBA (Finance & Accounts) : The candidates having passed 10+2 examination from any recognized Board with 50% or more marks in aggregate.

(The Program has integration with US CMA (Certified Management Accountant) a USA Recognized professional qualification and Association of International Accountants (AIA) aligned curriculum).

BBA (Entrepreneurship & Family Business): The candidates having passed 10+2 examination from any recognized Board with 50% or more marks in aggregate

D. Master of Technology (M.Tech.) Programs

Three M.Tech. Programs, namely, M.Tech. in Computer Science & Engineering (CSE), M.Tech.in Electronic & Communication Engineering (ECE) and M.Tech.in Mechanical Engineering (ME) shall continue to be offered during the Session 2017-18 with existing intake 18 in each program.

Admission to the above programs shall be made on the basis of merit in GATE in the relevant stream. However, in the absence of GATE candidates, seats, if any remain vacant shall be filled on the basis of merit in the qualifying examination.

Eligibility Criteria

M. Tech. (CSE): “The candidate should possess B.E/ B. Tech. in Computer Science & Engineering/ Computer Technology/ Information Technology/ MCA or equivalent with minimum 55% marks”.

M. Tech. (ME): “The candidate should possess B.E. / B. Tech. in Mechanical Engineering/ Production Engineering/ Automobile Engineering/ Industrial Engineering / Agriculture Engineering/ Aeronautical Engineering/ Marine Engineering/Mining & Metallurgy or equivalent with minimum 55% marks”.

M. Tech. (ECE): “The candidate should possess B.E/ B. Tech. in Electronic & Communication / Electronics & Instrumentation/ Electronics Engineering/ Electronics Instrumentation & Control/ Electrical Instrumentation & Control/ Instrumentation Engineering/ Control Engineering/ Electronics Engineering or equivalent/ M.Sc. Physics/ M.Sc. Electronics with minimum 55% marks.

E. Master of Science (M.Sc.) Programs

Three M.Sc. Programs, namely, M.Sc. in Physics, Chemistry and Mathematics with intake 20 each shall continue to be offered under the Faculty of Applied Sciences during the Session 2017-18.

Admission to the above programs shall be made on the basis of merit in MRNAT- 2017. However, in the absence of candidates, seats, if any remain vacant shall be filled on the basis of merit in the qualifying examination.

The following shall be the Eligibility Criteria:

M.Sc.(Chemistry) : Candidates having passed with 50% or more marks in B.Sc. (Hons.) Chemistry/ 60% marks in B.Sc. General (Physics, Chemistry & Maths/Biology)

M.Sc. (Mathematics) : Candidates having passed with 50% or more marks in B.Sc. (Hons.) Mathematics/60% marks in B.Sc. General (Physics, Chemistry & Maths)

M.Sc.(Physics) : Candidates having passed with 50% or more marks in B.Sc. (Hons.) Physics/60% marks in B.Sc. General (Physics, Chemistry & Maths)

Admission of NRI/ PIO/ Foreign Nationals

a) Programs offered: The details of the programs available and eligibility criteria shall be same for all the programs as prescribed above.

b) Admission Procedure:

1. NRI/ PIO/ Foreign Nationals seeking admissions in different programs in MRU may submit scanned copy of duly filled and signed application form downloadable from MRU website: www.iec.mru.edu.in along with scanned copy of the following certificates:

a). Academic Transcript translated in English (If original transcript is in a language other than English), the translated transcript in English shall have to be attested by Indian Embassy of the candidates Country or Embassy of Candidate's Country in India or by Head of Department, Department of Education, Province / Federal Government of the Candidate's Country.

b). Passport showing the name, address, validity, issuing authority, valid reason if any etc.

c).The candidates shall also be required to submit two letters of recommendation from the faculty, authorities of their pervious institution/school. In case of application for under graduate program one LOR may preferably be from school counselor.

2. On receipt of application form, MRU shall get the eligibility of the candidate confirmed for the applied academic program and convey to the candidate whether he/ she are eligible for admission or not.
3. A candidate who has been adjudged eligible for admission in a particular program shall be required to deposit the preliminary fee as under through Bank Transfer, after verification of which **MRU shall issue a Provisional Admission Letter** for facilitating the candidates to apply for Visa

F. Master of Arts in Education, M.A. (Education)

A new program M.A. in Education with intake 20 under the Department of Education has been decided to be offered under the Department of Education with the approval of the Govt of Haryana from the Academic Session, 2017-18.

Admission to the above programs shall be made on the basis of merit in MRNAT- 2017. However, in the absence of candidates, seats, if any remain vacant shall be filled on the basis of merit in the qualifying examination

The following shall be the Eligibility Criteria:

The candidates having passed with 50% or more marks in graduation in any discipline (with or without education as specialization

G. B.Ed. & Integrated B.Ed. (B.A. B.Ed. /B.Sc. B.Ed.) Programs

It was informed to the Members that the University has received approval; from the NCTE for starting the programs from the session 2017-18 with intake 100 each for B.Ed. (2 yrs) and Integrated B.Ed.(4 yrs). The intake under the integrated program has been further divided as **B.A. B.Ed. (50) / B.Sc. B.Ed.(50)**.

Admission to the above programs shall be made strictly on the basis of merit in MRNAT. Vacant seats if any shall be filled on the basis of merit in MRNAT-2017.

Eligibility condition:-

B.Ed. Program (2 years):- The Candidates should have 50% or more marks, in aggregate in Graduation.

(B.A.B.Ed./B.Sc.B.Ed.) (4 years): - The Candidates should have 50% or more marks, in aggregate in any discipline in the Senior Secondary /+ 2 or equivalent examinations conducted by any recognized Central/State Boards.

H. Introduction of LLB (3 yrs), B.A.L.L.B (5yrs), BALLB (5yrs) and B.Com. LLB (5 yrs) Programs from the Academic session,2017-18.

The University intends to start four new law programs viz.LLB (3 years), B.A.L.L.B (5yrs), BALLB (5yrs) and B.Com LLB(5 yrs) Programs from the Academic Session, 2017-18.with intake 60 in each program under the Department of Law/ Faculty of Law, creation of which has been approved by the Board of Management in its fourth meeting held on 28.09.2016.. Approval of the Govt. for starting the above programs has been received vide their Memo no. 20 / 5 - 2013 UNP (5) dated 30.09.2016.

The university shall be applying to the Bar Council of India to seek its approval to start the above programs.

Admission to the above programs shall be made on the basis of merit in MRNAT- 2017. However, in the absence of candidates, seats, if any remain vacant shall be filled on the basis of merit in the qualifying examination.

The following shall be the Eligibility Criteria:

LLB: The candidates should have passed the Graduation in any stream with 50% or more marks.

Integrated LLB : The Candidates should have passed 10+2 with 50% or more marks aggregate.

The Governing Body deliberated over the proposal and was of the view that University should initially start integrated programs with Honors which is more advantageous to the students and are in demand these days. It may think of starting LLB (3 Yrs.) Degree program once the department is stabilized after 2-3 Years. Accordingly GB resolved unanimously that the University should apply for three programs which BA LLB (H), BBA LLB (H) and B.Com LLB (H) to the BCI for affiliation/recognition.

B. SCHOLARSHIP /FREE-SHIP POLICY

The University shall offer the following scholarships to the students in the form of tuition fee waiver based on the marks/CGPA in the qualifying examination during 2017-18:-

Merit Scholarship

UG Level Programs (B. Tech./ B.sc (Hons.)/ BBA/ B.Ed, B.A. B.Ed. / B.Sc. B.Ed.)

90.00% & above 100% Tuition Fee waiver

85.00% above but 50% Tuition Fee Waiver
below 90.00%

80% above but 25% Tuition waiver
below 85%

PG Level Programs (M.Tech / M.A.(Edu)/ M.Sc.)

80.00% & above 100% Tuition Fee waiver

75.00% above but 50% Tuition Fee waiver
Below 80.00%

70.00% above but 25% Tuition waiver
below 75.00%

CONTINUATION OF SCHOLARSHIP IN SUBSEQUENT YEARS OF THE PROGRAM

Progress of the student awarded with the scholarship shall be reviewed after end of 2nd semester for continuation, based upon his/her performance in the 1st and 2nd semester. For continuation of scholarship student shall be required to:

- Maintain a minimum CGPA of 7.0,
- Minimum 75% attendance in all courses in each semester and
- Register for all courses and earn credits for these courses as defined in the curriculum schemes of program of admission i.e. the students shall not pursue the Semester in under load mode (registering for lesser number of credits).
- Applicant should not have been suspended for any grave act of indiscipline by the university.
- No disciplinary action against the applicant is established or pending in case of raging or eve teasing.
- The applicant should not be receiving any other scholarship from any other source whatsoever, for which a certificate signed by the student & parents is to be provided.

If the student fails to satisfy any of the above, the Scholarship awarded shall be withdrawn, Scholarship once withdrawn, due to violation of any of the above stated criteria, shall not be re-awarded to the student concerned during the course of study. The maximum period of award shall be the normal duration of program..

Merit Cum Means Scholarship

Merit cum means scholarships shall be admissible to the candidates admitted under reservation for Haryana Candidates. The Scheme is applicable to all the undergraduate and Post Graduate Programs. The students whose parents have annual income up to Rs. 2.80 Lacs from all sources are eligible to be considered for the Scholarship. The students shall be given fee waiver limited to the tuition fee as per the following scale. They will pay other fee as applicable to the program concerned.

- One fifth of the twenty five percent shall be granted full tuition fee concession;
- Two fifth of the twenty five percent shall be granted fifty percent fee concession;
- The balance two fifth of the twenty five percent shall be granted twenty five percent fee concession.

Condition for Continuation of Scholarship in Subsequent Years of the Program

Applicant must fulfill the following criteria for claiming the fee concession in subsequent years of the program:

- The attendance criteria of university.
- Maintain a minimum CGPA of 7.0. However, if any student considered for fee concession in the first year fails in any of the subject, he /she may be considered for continuation of fee concession provide that he/she shall have to clear the subject in the subsequent academic year failing which he/she may not be considered for the continuation of Fee concession.
- Applicant should not have been suspended for any grave act of indiscipline by the university.
- No disciplinary action against the applicant is established or pending in case of raging or eve teasing.
- The applicant should not be receiving any other scholarship from any other source whatsoever, for which a certificate signed by the student & parents is to be provided.

Candidate passing out from any of the institution of MREI and Son/.Daughter of faculty/staff member of any institution of MREI will get one time concession of Rs.5000/- at the time of admission in any of the program being offered at Manav Rachna University.

Merit Scholarship to Semester Toppers

The above Scholarship is admissible to the students who score highest marks in the branch in a semester in all the UG/PG programs as per the following norms:

1. First Position : 25% of tuition fee or Rs.25000/-whichever is less

2. Second position : 15% of tuition fee or Rs. 15000/- whichever is less

3. Third Position : 10% of tuition fee or Rs. 10000/-whichever is less

The grant of Merit Scholarship is subject to the following conditions:

a. The programme must have strength of 90 or more in semester exam to qualify for First, Second & Third position scholarships: otherwise only first topper shall be given a first position scholarship.

b. If the strength of a programme is (10) or less, no scholarship awarded for that programme.

c. A student shall be eligible for the benefit of the tuition fee waiver only from one source.

Fee Structure

Hon'ble members are informed that the Board of Management on the recommendation of the Finance Committee has approved the Fee Structure for the UG/PG programs as under:-

S.no.	Name of UG/PG Program	Intake	Fee Structure (p.a.)
Bachelor of Technology			
1	B.Tech. CSE	180	Rs.1,70,000
2	B. Tech. IT	60	
3	B. Tech. ME	120	
4	B.Tech. ECE	60	
Bachelor of Technology (Lateral Entry)			
5	B.Tech. CSE	36	Rs. 1,65,500
6	B.Tech. IT	12	
7	B.Tech. ME	24	
8	B.Tech. ECE	12	
Master of Technology			
9	M.Tech. CE	18	Rs. 1,00,500
10	M.Tech. ME	18	
11	M.Tech. ECE	18	
Bachelor of Business Administration			
1	BBA (Health Care Management) in association with Cygnus Hospitals	40	Rs. 1,50,000
2	BBA (Finance & Accounts) (Note 1)	40	Rs. 1,65,000
3	BBA (Entrepreneurship & Family Business)	40	
Bachelor of Science (Hons.)			
1	B.Sc. (Hons.) Chemistry	25	Rs. 1,00,500
2	B.Sc. (Hons.) Mathematics	25	
3	B.Sc. (Hons.) Physics	25	

Master of Science			
4	M.Sc. Chemistry	20	Rs. 1,00,500
5	M.Sc. Mathematics	20	
6	M.Sc. Physics	20	
Bachelor of Education			
1	B.Ed.	100	RS. 1,00,500
2	B.A. B.Ed. Integrated	50	
3	B.Sc. B.Ed. Integrated	50	
4	M.A (Education)	20	
Faculty of Law to be decided after getting approval from the BCI*			

The Governing Body while perusing the above information's pointed out that University Grant Commission has recently notified the new Guidelines on Remittance and Refund of Fees and Other Student-centric Issues vide Notification dated December 06, 2016, some of which concerned with fee and fee refund are as under-

- I) it is not mandatory for applicants to purchase the institutional prospectus any time during the course of the program of study. Purchasing prospectus shall be the personal choice of the students.
- II) The Institution shall charge fees in advance only for the semester/year in which a student is to engage in academic activities.
- III) If a student chooses to withdraw from the program of study in which he/she is enrolled, the institution concerned shall follow the following four-tier system for the refund of fees remitted by the student.

S.No.	Percentage of Refund of Aggregate fees*	Point of time when notice of withdrawal of admission is served to Institution
1	100%	15 days before the formally-notified last date of admission
2	80%	Not more than 15 days after the formally-notified last date of admission
3	50%	More than 15 days but less than 30 days after formally-notified last date of admission
4	00%	More than 30 days after formally notified last date of admission

***(Inclusive of course fees and non-tuition fees but exclusive of caution money and security deposit)**

- IV) In case of (1) in the table above, the institution concerned shall deduct an amount not more than 10% of the aggregate fees as processing charges from the refundable amount.
- V) Fees shall be refunded by the institution to an eligible student within fifteen days from the date of receiving a written application from him/her in this regard.

Decision: Governing Body took the above informations on record and approved adoption of new guidelines of the UGC on Remittance and Refund of Fees and Other Student-centric Issues during the ensuing Academic session 2017-18.

3.5 Approval of the Budget of the University for the Year, 2016-17

It was submitted for information that this year, budget of the University was prepared keeping in view the intake of the students as 455 for all the UG/PG & Ph.D. programs and placed before the Finance Committee for its consideration. The Finance Committee accepted the proposed Budget of Rs. 3815.23 lakhs for the year 2016-17 with the advice to place the same before the Board. The Board of Management considered the recommendation of the FC and accepted the same in its fourth meeting held on 28.09.2016. The detailed budget for the year 2016-17 along with actual expenditure for five months were placed for consideration of the Hon'ble members.

Decision: Governing Body approved the Budget of the university for the year 2016-17 with the advice that Finance Committee should discuss the Budget for Law Programs and find out the ways to accommodate the budget for Law Programs within existing budget provisions by rationalizing the same.

3.6 Approval of the Balance Sheet and Annual Accounts for the Financial Year 2015-16

Hon'ble Members were informed that balance Sheet and Annual Accounts for the Financial Year 2015-16 was placed before the Finance Committee in its fourth meeting

held on 06.09.2016. The FC after going through the proposal accepted the same with advice to place before the Board. This was further considered by the Board of Management in its Fourth meeting held on 28.09.2016 and agreed. The same was placed for approval of the Governing Body.

Decision: Governing Body approved the above.

3.7 Any other item with the permission of the Chair

The following items were taken up for discussion;

i) University Convocation

The Chairman mentioned that University would be completing Two Years in 2017, 1st Batch of M. Tech shall pass out in 2017, therefore, University should organize convocation ceremony for M. Tech. and erstwhile MRCE B.Tech. & M. tech Student during the month of August September 2017. This was unanimously agreed by all the Members and it was resolved to organize the First Convocation of the University in the month of August September 2017.

Decision: The First Convocation of the University shall be organized in August/September, 2017

ii) Community Project

There was a suggestion by the Hon'ble Member Sh. Gaur that University should also initiate community service and the students should be involved and assigned projects. Credit should be assigned for it so that the students take it seriously as a part of academics and provide service to the society..

iii) Introduction of New Programs relating to Sports

Hon'ble Chairman drew the attention of Hon'ble members towards offering new UG programs in the area of sports under the Faculty of Education and asked Hon'ble member & Vice President MREI to make suggestions which he had in his thought process on the subject matter. The Hon'ble VP opined that he would prefer to

introduce programs in B. Sc. Sports life sciences and MBA Sports Psychology. After deliberation, it was resolved that the University shall explore the possibilities of introducing the programs as above or equivalent in consultation with Prof. G.L. Khanna, Dean, Department of Physiotherapy, MRIU.

Meeting ended with vote of thanks to the chair.

(Dr. K. Singh)
Registrar/ Member Secretary

F. No. MRU/GB (A&M) Vol.-III /2016

Dated: 07.04.2016

To

- 1) PS to Chancellor for kind information to the Hon'ble Chancellor
- 2) Principal Secretary to Government, Haryana Higher education Department,
Room No.606, VI Floor, Haryana New Secretariat, Sector-17, Chandigarh.
- 3) PS to VC for kind information of the Hon'ble Vice Chancellor
- 4) PS to Vice President for kind information of the Hon'ble Vice President
- 5) Dr. M. M. Kathuria, Trustee, 5E/1A. BP, NIT, Faridabad
- 6) PS to VC for kind information of the Hon'ble Vice Chancellor, MRIU
- 7) Prof.(Dr.) V.K. Mahana, Pro Vice Chancellor (Special Invitee)
- 8) Prof.(Dr.) Haribansh Chaturvedi, Birla Institute of Mgt. & Tech., Plot Number 5,
Knowledge Park 2, G. NOIDA, U.P. 201306
- 9) Col. (Retd.) V.K. Gaur, House No. 2429, Sector – 9, Faridabad.
- 10) Dr. M.L. Khurana, Advisor, M-35, Rajouri Garden, New Delhi-110027.
- 11) Prof. (Dr.) Meenakshi S. Khurana, Dean Academics, (Special Invitee)
- 12) Shri Amit Kumar, FCA, 1H-33, NIT, Faridabad.
- 13) Shri Rajiv Malhotra, Chief Finance & Accounts Officer (Special Invitee)

Minutes of the Fourth Meeting of Governing Body of the Manav Rachna University held on 26.05.2017 at 11.00 A.M. in the Board Room, A Block, MRIU, Campus, Faridabad.

A meeting of the Governing Body of Manav Rachna University was held on Friday, Dated 26.05.2017 at 11.00 A.M in the Board Room, A Block, MRIU Campus, Faridabad to consider various administrative, academic and financial matters. The following were present:

1. Dr. Prashant Bhalla, Hon'ble Chancellor/Chairman
2. Prof.(Dr.) Sanjay Srivastava, Vice chancellor
3. Dr. M. M. Kathuria, Trustee, Uthan Education Trust
4. Dr. N. C. Wadhwa, Vice Chancellor, MRIU
5. Col. (Retd.) V.K. Gaur, Member, Ex-Adviser MREI
6. Prof.(Dr.) V.K.Mahana, Pro Vice Chancellor (Special Invitee)
7. Prof. (Dr.) Meenakshi S. Khurana, Dean (Academics) (Special Invitee)
8. Dr.Kameshwar Singh, Registrar/ Member Secretary.

Worthy Additional Chief Secretary (Higher Education) or his nominee, Dr. Amit Bhalla, Vice President, MREI, Prof. Haribansh Chaturvedi, Director, BITM, Greater Noida and Shri Amit Kumar, FCA could not attend the meeting due to other professional engagements. They were granted leave of absence.

The following are the minutes of the meeting:

4.1 Opening remarks by the Chairman

The Chairman welcomed all the members present in the meeting and mentioned that after the initial challenges, the University has come up well. With the addition of Two new Faculties i.e. Faculty of Education and Faculty of Law which would offer the Bachelor of Education, M.A in Education and Bachelor of Laws programs respectively from the ensuing academic session 2017-18, we are expecting increase in number of admissions during the year 2017-18. Recently concluded MRNAT-2017 (First phase) is an indicator to that. The B.Ed. program has been getting good response but the response to the integrated B.Ed. programs is lukewarm on two counts; one being a new discipline and other lack of awareness among the masses. The Chairman also mentioned that our focus towards MA Education program has not been up to desired

level, there is need to give attention to this program as well which would definitely of an advantage to the Dept. of Education.

He further said that the students were doing well, overall achievements of the University have been found to be up to an acceptable level. The new faculty members who have joined the above two faculties are having impressive records and possess expertise in their areas. Prof. Jose Varghese who has been Former Vice Chancellor, Hidayattullah National Law University, has joined as an Emeritus Professor in the Dept. of law. He further said that, due to efforts of the faculty and officers, the University has been able to conduct examinations and declare results well in time. He further talked about the ongoing research work carried out by the Departments and stated that with the formation of the Research Clusters and focus on it, the University would be able to do much on this front. With these words, he concluded his remarks and requested the Registrar to carry out the proceedings. The Registrar then took up the agenda of the meeting one by one as follows;

4.2. Confirmation of the Minutes of the last meeting of Governing Body held on 02.03.2016

The Governing Body was informed that the Minutes of the second meeting of the GB were circulated among the members vide letter no. MRU/GB/A&M/Vol.II/ 2016, dated 08.04.2016, no comments have been received from any one of the members. The Hon'ble members of the august body were requested to confirm the minutes.

Decision: Governing Body confirmed the Minutes of the last meeting.

4.3. Action Taken Report

It was submitted for information that, the Governing Body in the second meeting had deliberated on the issues and taken decisions which are produced below along with the Action Taken thereon for perusal of the Hon'ble Members.

Sl. no.	Agenda	Decision	Action Taken thereon
1	Opening remarks by the Chairman	-	No action required
2	Confirmation of the Minutes of the last meeting of Governing Body held on 02.03.2016	Governing Body confirmed the Minutes of the last meeting.	No action required

3	Action Taken Report	Governing Body took the Action taken Report on record and approved the calendar of the meeting and items to be taken with the bodies.	The Calendar of the meeting was prepared and circulated among the members.
4	<p>Matter of Information</p> <p>i) Gazette Notification of the First Statutes of the University</p> <p>ii) Decisions taken by the Board of Management in fourth meeting held on 28.09.2016</p> <p>iii) Status of Secured, Un-secured loan and Corpus</p> <p>iv) Approval & Notification of the First & Second Ordinance in the Gazette- Status thereof.</p> <p>v) Admissions made to the UG/PG Programs for the Academic Session, 2016-17.</p> <p>vi) Programs to be offered and the policy of admission, fee structure and Scholarship for the next Academic Session 2017-18</p>	Governing Body took the above information on record and approved adoption of new guidelines of the UGC on Remittance and Refund of Fees and Other Student-centric Issues during the ensuing Academic session 2017-18.	No further action required
5	Approval of the Budget of the University for the Year, 2016-17	Governing Body approved the Budget of the university for the year 2016-17 with the advice that Finance Committee should discuss the Budget for Law Programs and	Needful was done

		find out the ways to accommodate the budget for Law Programs within existing budget provisions by rationalizing the same.	
6	Approval of the Balance Sheet and Annual Accounts for the Financial Year 2015-16	Governing Body approved the above	. Kept for record and in the process of submission to all the concerned Authorities.
7	Any other item with the permission of the Chair	The First Convocation of the University shall be organized in August/September, 2017	Action on it will be initiated soon.

The Hon'ble Chairman while going through the Calendar of the meeting pointed out that the meeting of the Board which scheduled to be held on 16th September, 2017 be preponed on 13th Sept., 2017 and of the Governing Body, which is scheduled on 22nd Sept., be postponed on 27th or 28th of Sept, 2017. The Calendar has been accordingly modified. A copy of the same is annexed as **Annexure-I**. The Dean, Academic drew the attention of the Chairman towards the time period of Convocation and stated that it would not be convenient to hold the Convocation in August/September as the degrees of the students would be received by September/October, it was endorsed by the Pro VC as well as by the VC and finally it was resolved that First Convocation shall be organized in the first week of November, 2017.

Decision: The Governing Body took the Action Taken Report on record with the following medications in earlier decisions:

- a. The meeting of the BoM shall be held on 13.09.2017 instead of 16.09.2017**
- b. The meeting of the Governing Body shall be held on 27.09.2017 instead of 22.09-2017.**
- c. The Convocation of the University shall be held in the first week of November, 2017.**

4.4. Matter of Information

- i) Decisions taken by the Board of Management in its Fifth meeting held on 15.05.2017.**

The Board of Management was informed that in its fifth meetings held on 15.05.2017 had deliberated on various administrative & financial issues and took the following decisions.

Sl.No	Agenda	Decision
1	Opening remarks by the Chairman	
2	Confirmation of the Minutes of the last meeting of the Board held on 21.01.2016	Board confirmed the Minutes of the last meeting.
3	Action Taken Report on the Decisions taken in the Third Meeting of the Board.	Board took the Action taken Report on record
4	Matter for information i.) Appointment of Deans and Heads of the Departments ii) Faculty members Joined/Resigned from the Service since 01.10.2016 onwards. iii) Students Achievements iv) Placements	The Board took the information on record with the advice that Dean (Academic) should be assigned with additional responsibility of Dean, Faculty of Law till such time a Dean for faculty of law is appointed by the University
5	Matter for ratification (i) Rationalization of Intake of the UG/PG Programs offered during the Academic years, 2015-16 & 2016-17. (ii) Appointment of Faculty and the staff in the University	The Board ratified the rationalization of Intakes as proposed and appointments of faculty in different streams made by the University
6.	Approval of the decisions of the Academic Council taken in its Fourth meeting held on 12.04.2017.	The Board approved the decisions of the Academic Council.
7.	Consideration of the recommendations of the Finance Committee made in its meeting held on 09.05.2017.	The Board approved the recommendations of the F. C. with the advice to review the proposed expenditure in context to receipts.
8	Approval of Annual Report of the University for the Year, 2015-16	The Board approved the Annual Report (2015-16) for onward submission to the Governing Body for their approval.
9	Institution of Medals & Awards	Board approved the Institution of above Medals & Awards.
Supplementary Agenda		
SA.5.1	Approval of the decisions of the	Board approved the decisions of

	Academic Council taken in its Third Meeting held on 20.10.2016.	the Academic Council and ratified the decision of the University for starting all the three integrated programs as Honors programs and keeping in abeyance the 3 years LLB program which may be taken up later.
SA 5.2	Creation of Department of Environmental Sciences	The Board deferred the decision with the advice to the Vice Chancellor to reconsider the issue: whether to set up a centre or include under the Department of Humanities.
SA 5.3	Policy for 'Semester Withdrawal' on a case to case basis	Board deferred the proposal for further discussion on the issue and placing before the Board in the Next meeting, if required

ii) Decision taken by the Academic Council in its Third & Fourth meeting held on 20.10.2016 & 12.04.2017 respectively.

The details of the Agenda which were taken up for discussion and the Decisions taken in the Third & Fourth Meeting of Academic Council are reproduced here-under for reference:

Third Meeting

S. No.	Agenda	Decisions/Recommendations
1	Opening remarks by the Chairman	-
2	Confirmation of the Minutes of the last meeting of the Academic Council held on 13.01.2016.	Academic Council approved the Minutes of the last meeting.
3	Action Taken Report on the decisions taken in the Second meeting of the Academic Council.	Academic Council took the Action Taken Report on record
4	Matter for information a) Faculty Achievements b) Students Achievements c) MoUs / Agreements/ Collaborations d) Important Events:	Academic Council took all the information on record.
5	Approval of Research Supervisors	Academic Council approved the allocation of Research Supervisors.

6	Approval of Admissions made to the UG/PG Programs for the Academic Session, 2016-17.	Academic Council approved the admissions made in all the UG & PG programs for the Academic Session, 2016-17.
7	Admission policy for ongoing B.Tech. B.Tech (Lateral), M.Tech., B.Sc. (H), BBA and M.Sc. programs for the Academic Session, 2017-18.	Academic Council approved the proposal..
8	Policy for admission to B.Ed. & Integrated B.Ed. programs.	Academic Council approved the same.
9	Introduction of a new PG Program Master of Arts in Education M.A.(Education)	Academic Council approved the above
10	Introduction of LLB (3 years), B.A.L.L.B (5yrs), BBALLB (5yrs) and B.Com. LLB(5 yrs) Programs from the Academic session,2017-18.	Academic approved the proposal to start all the Law programs.
11	Approval of Regulation on Unfair means in the Examination	Academic Council approved the above Regulation with modification that "Unfair Means Committee" should be substituted with the "Committee for prevention of unfair means" at all the places in the Regulation.
12	Approval of Regulation on prevention of Plagiarism in Research Work	Academic Council approved the above Regulation on prevention of Plagiarism in Research Work.
13	Reorganization of Master in Business Administration (MBA) Programs	Academic Council approved the proposal.
14	Any other matter with the permission of chair. Approval of Program Structure & Syllabus for B. Tech. Computer Science & Engineering and Information Technology.	Academic Council approved the syllabus and program structure of B. Tech. Computer Science & Engineering and Information Technology.
S.A.1 Approval of Admission Brochure for the Academic Year 2017-18		Academic Council approved the same
S.A.2 Introduction of New B. Tech. Program, Industrial Engineering & Management from 2017-18		Academic Council approved the same.
S.A.3 Approval of Program Structure & Syllabus for First year of the BBA and MBA Programs		Academic Council approved the syllabus and program structure of MBA & BBA 1 st semester.
S.A.4 Approval of Program Structure & Syllabus for B. Sc. (Hons.) & M. Sc. Programs - Physics, Chemistry and Mathematics.		Academic Council approved the syllabus and program structure of B.Sc (Hons.) and M.Sc.

Fourth Meeting

S. No.	Agenda	Decisions/Recommendations
1	Opening remarks by the Chairman	-
2	Confirmation of the Minutes of the last meeting of the Academic Council held on 20.10.2016.	Academic Council approved the Minutes of the last meeting.
3	Action Taken Report on the decisions taken in the Second meeting of the Academic Council.	Academic Council took the Action Taken Report on record
4	Matter for information a) Constitution of Board of Studies and Board of Faculties for the Department of Education b) Students Achievements	Academic Council took all the information on record.
5	Matter of Ratification a) Admissions of Mr. Mudit Bhandari and Ms. Purna Sharma through Migration in B.Tech, CSE, 2nd Semester	Academic Council ratified the admissions.
6	Approval of Panel of Experts for the Department of Education.	Academic Council approved the panel of experts for the Department of Education..
7	Approval of admissions made under Ph.D. Programs	Academic Council approved the admissions of 26 candidates under the Ph.D. programs.
8	Approval of Program Structure and Syllabus for the B.Ed. & Integrated B.Ed. programs	Academic council approved the program structure and syllabus for the B.Ed. & B.A./B.Sc.B.Ed. programs.
9	Approval of Massive Online Courses to be offered by the University as per the MHRD guidelines on the subject matter	Academic council approved the same
10	Approval of format of Degree Certificate for UG/PG Programs	Academic council approved the format of the Degree Certificate.

The Chairman desired to know whether there is need to mention the decisions of the bodies like Academic Council and the Board of management. The Registrar apprised that Section 22 (2) (b) of the Act provides for review of the decisions of other authorities of the University by the Governing Body in case they are not in conformity with the provisions of the Act, Statutes, Ordinances, Regulations or Rules. Considering theis,

decisions of the other authorities are placed before the GB for information and advice thereon, if any.

Decision: The Governing Body took the above information on record

4.5 Recommendations/ Decisions of the Finance Committee made in its meeting held on 09.05.2017.

The details of the Agenda which were taken up for discussion and the Decisions taken thereon in Sixth Meeting of Finance Committee were reproduced for perusal of the Hon'ble Members:

S. No	Agenda	Decision
1	Confirmation of the minutes of 5th Meeting of Finance Committee held on 17th January, 2017.	Finance Committee confirmed the Minutes.
2	Action Taken Report on the decisions taken in the 5th Meeting of Finance Committee.	FC took the Action Taken Report on record
3	Consider the Proposed Budget for the Financial Year 2017-18.	Finance Committee accepted the budget estimate and recommended the same for submission to Board of Management. It is taken up as an agenda of the Meeting
4	Consider the Research Assistantship Scheme for PhD scholars.	Approved Research Assistantship Scheme for Ph. D Scholars by the Finance Committee and the Board of Management is as follows: Board has approved the Scheme which prescribes as follows: 1. Fellowship to maximum of 10% of selected candidates subject to competence of candidates to pursue the Research work. 2. Amount of fellowship: Rs. 18,000/- for 1 st Year, Rs. 22,000/- for 2 nd Year and Rs. 24,000/- for 3 rd Year. 3. Fellow will be eligible for concession as under: a. 50% Concession in semester fee b. 50% concession in hostel

		<p>accommodation</p> <p>c. 50% concession in course work fee</p> <p>Refund of fee:</p> <p>a. If scholar withdrawal his/her name from the program before the commencement of course work, 90% fee would be refunded.</p> <p>b. In case of withdrawal within 15 days of commencement of classes, 50% fee will be refunded.</p> <p>c. In case of withdrawal after 15 days no fee refund</p>
5	<p>Consider the Fee Structure for the candidates admitted through migration in the even-semester of the UG Programs.</p>	<p>Proposed fee structure approved by the FC and Board of Management is as follows</p> <ol style="list-style-type: none"> 1. Tuition fee for the Semester in which the candidate will be admitted. 2. Migration fee of Rs. 5000/ 3. 50% of other fee as applicable to the Program concerned 4. Smart Card and life time alumni fund (One time charges)

Decision: The Governing Body took the above information on record.

4.6 Approval of the Budget of the University for the Year 2017-18

It was submitted for information that this year, budget of the University has been prepared keeping in view the proposed admissions numbering 655 students out of intake of 1165 for all the UG/PG & Ph.D. programs and placed before the Finance Committee for its consideration. The Finance Committee accepted the proposed Budget of Rs. 4157.28 lakhs for the year 2017-18 with the advice to place the same before the Board. The Board of Management considered the recommendation of the FC in its fifth meeting held on 15.05.2017 and advised that the deficit of Rs. 12 Cr. being huge proposed expenditure should be given a re look and curtailed to minimize it. In view of this, an exercise was carried out by a team of three officers comprising the Dean,

Academics, Chief Finance & Accounts Officer and the undersigned and where ever it was possible , the proposed expenditure was curtailed as a result, the deficit has been reduced by 2 Crs. The revised budget was approved by the Governing Body.

Decision: The Governing Body approved the Budget of the university for the year 2017-18. A copy of the approved Budget is annexed as Annexure-II

4.7 Approval of Annual Report of the University for the Year, 2015-16

The Hon'ble Members were informed that, as per the provision under the section 42 of the Haryana Private Universities Act, 2006 and amended from time to time, Annual Report of the University duly recommended by the Board of Management, which includes among other matters, the steps taken by the university towards the fulfillment of its object is required to be placed before the Governing Body for its approval. The Annual Report recommended by the Board in its meeting dated 15.05.2017 was tabled in the meeting. The Governing Body , after deliberation, approved the Annual report for the year 2015-16. It was informed by the Registrar that a copy of the Annual Report approved by the Governing Body shall be submitted to the sponsoring body and also presented to the Visitor and the Government.

Decision: The Governing Body approved the Annual Report for the Year, 2015-16.

4.8 Any other item with the permission of the Chair

No other item was discussed.

The Meeting ended with vote of thanks to the chair.

(Dr. K. Singh)
Registrar/ Member Secretary

To

- 1) PS to Chancellor for kind information to the Hon'ble Chancellor
- 2) Principal Secretary to Government, Haryana Higher education Department, Room No.606, VI Floor, Haryana New Secretariat, Sector-17, Chandigarh.
- 3) PS to VC for kind information of the Hon'ble Vice Chancellor
- 4) PS to Vice President for kind information of the Hon'ble Vice President
- 5) Dr. M. M. Kathuria, Trustee, 5E/1A. BP, NIT, Faridabad
- 6) PS to VC for kind information of the Hon'ble Vice Chancellor, MRIU
- 7) Prof.(Dr.) V.K. Mahana, Pro Vice Chancellor (Special Invitee)
- 8) Prof.(Dr.) Haribansh Chaturvedi, Birla Institute of Mgt. & Tech., Plot Number 5, Knowledge Park 2, G. NOIDA, U.P. 201306
- 9) Col. (Retd.) V.K. Gaur, House No. 2429, Sector – 9, Faridabad.
- 10) Prof. (Dr.) Meenakshi S. Khurana, Dean Academics, (Special Invitee)
- 11) Shri Amit Kumar, FCA, 1H-33, NIT, Faridabad.
- 12) Shri Rajiv Malhotra, Chief Finance & Accounts Officer (Special Invitee)

Calendar of the Meetings of the Statutory Bodies in 2017

S.No.	Statutory Bodies	Meetings	Dates
1	Finance Committee	I	1st April, 2017
		II	4th September, 2017
		III	2nd December, 2017
2	Academic Council	I	17th April, 2017
		II	08th September, 2017
		III	08th December, 2017
3	Board of Management	I	22nd April, 2017
		II	13th September, 2017
		III	16th December, 2017
4	Governing Body	I	26th May, 2017
		II	27nd September, 2017
		III	22th December, 2017

Minutes of the Fifth Meeting of Governing Body of the Manav Rachna University held on 04.10.2017 at 11.00 A.M. in the Conference Room, A Block, MRIU, Campus, Faridabad.

A meeting of the Governing Body of Manav Rachna University was held on Wednesday, Dated 04.10.2017 at 11.00 A.M in the Conference Room, A Block, MRIU Campus, Faridabad to consider various administrative, academic and financial matters. The following were present:

1. Dr. Prashant Bhalla, Hon'ble Chancellor/Chairman
2. Prof.(Dr.) Sanjay Srivastava, Vice chancellor
3. Dr. M. M. Kathuria, Trustee, Uthan Education Trust
4. Dr. N. C. Wadhwa, Vice Chancellor, MRIU
5. Col. (Retd.) V.K. Gaur, Ex-Adviser MREI
6. Prof.(Dr.) V.K.Mahana, Pro Vice Chancellor (Special Invitee)
7. Prof. (Dr.) Meenakshi S. Khurana, Dean (Academics) (Special Invitee)
8. Dr.Kameshwar Singh, Registrar/ Member Secretary.

Worthy Principal Secretary (Higher Education) or his nominee, Dr. Amit Bhalla, Vice President, MREI, Prof. Haribansh Chaturvedi, Director, BITM, Greater Noida, Shri H.K. Batra, M.D. and Shri Amit Kumar, FCA could not attend the meeting due to other professional engagements. They were granted leave of absence.

The following are the minutes of the meeting:

5.1 Opening remarks by the Chairman

The Chairman welcomed the members present in the meeting and stated that the university has initially some challenges, but now it has been doing well. The faculty of Law has been established from this year. The faculty of Education has also started functioning. The B.Ed. program has received good response but the response to the integrated B.Ed. programs is lukewarm. In the recent time, the Faculty of Engineering has been facing some challenges due to slow down in IT sector, students are not very much interested to join the Engg. stream; despite this, we have been able to go to real class room. The Chairman also mentioned that this year, number of withdrawals taken place is very high in comparison to last year. This is primarily because of the excessive number of counseling conducted by the Delhi University & GGSIP University with which

large number of Govt. and private Colleges are affiliated. There is need to explore the new catchment areas which could attract more admissions.

He further said that the students were doing well, overall achievements of the University have been found to be up to an acceptable level. The new faculty members who have joined the above two faculties have impressive records and given strength to the Faculties. With these words, he concluded his remarks and requested the Registrar to carry out the proceedings. The Registrar then took up the agenda of the meeting one by one as follows;

5.2. Confirmation of the Minutes of the last meeting of Governing Body held on 26.05.2017

The Governing Body was informed that the Minutes of the second meeting of the GB were circulated among the members vide letter no. MRU/GB/A&M/Vol.III/ 2017, dated 09.06.2017, no comments were received from any one of the members. The Hon'ble members were requested to confirm the minutes.

Decision: Governing Body confirmed the Minutes of the last meeting.

5.3. Action Taken Report

It was submitted for information that, the Governing Body in the Fourth meeting had deliberated on the issues and taken decisions which are produced below along with the Action Taken thereon for perusal of the Hon'ble Members.

Sl. no.	Agenda	Decision	Action Taken thereon
1	Opening remarks by the Chairman	-	No action required
2	Confirmation of the Minutes of the last meeting of Governing Body held on 02.03.2016	Governing Body confirmed the Minutes of the last meeting.	No action required
3	Action Taken Report	Governing Body took the Action taken Report on	The Calendar of the meeting was prepared and

		record and approved the calendar of the meeting and items to be taken with the bodies.	circulated among the members.
4	<p>Matter of Information</p> <p>i. Decisions taken by the Board of Management in its Fifth meeting held on 15.05.2017.</p> <p>ii. Decision taken by the Academic Council in its Third & Fourth meeting held on 20.10.2016 & 12.04.2017 respectively.</p>	Governing Body took the above information on record..	No further action required
5	Recommendations/ Decisions of the Finance Committee made in its meeting held on 09.05.2017.	Governing Body took the information & recommendation on record. .	Needful was done
6	Approval of the Budget of the University for the Year 2017-18	Governing Body approved the above.	No further action required.
7	Approval of Annual Report of the University for the Year, 2015-16	The Governing Body approved the Annual Report for the Year, 2015-16.	No further action required.

Decision: The Governing Body took the Action Taken Report on record and resolved that Convocation of the University shall be held in the Second/Third week of December, 2017.

5.4. Matter of Information

i) Decisions taken by the Board of Management in its Sixth meeting held on 13.09.2017.

The Board of Management was informed that in its sixth meetings held on 13.09.2017 had deliberated on various administrative & financial issues and took the following decisions.

Sl No.	Agenda	Decisions
1.	Opening Remarks by the Chairman	-
2.	Confirmation of the Minutes of the last meeting held on 15.05.2017.	Board confirmed the Minutes of the last meeting.
3.	Action Taken Report on the Decisions taken in the Fifth Meeting of the Board	Board took the Action taken Report on record.
4.	<p>Matter for Information</p> <p>i) Appointment of Dean for Faculty of Law</p> <p>ii) Faculty members Joined/Resigned from the Service since 16.05.2017 onwards.</p> <p>iii) Courses approved by the Academic Council:</p> <p>a) Introduction of Manav Rachna Life Skill Program</p> <p>b) Compulsory implementation of Module Syllabus on Environmental Studies for undergraduate courses of all the branches.</p> <p>iv) Admissions made under UG/PG Programs for the Academic Session 2017-18.</p> <p>v) Students Achievements</p>	Board took the above information on record.

5	Matter for Ratification (i) Increase/Decrease in Intake of some of the UG Programs for the Academic year 2017-18. (ii) Appointment of Faculty and the Staff in the University	Board of Management ratified the action taken by the University.
6.	Approval of the Second Ordinance relating to B. Sc (Hons) & M. Sc in Physics, Chemistry & Mathematics, B. Ed and LLB Programs leading to award of Bachelors & Master Degrees.	Board approved the Second Ordinance for submission to the Govt. for their approval and Gazette notification
7	Introduction of new UG & PG Programs from the Academic Session 2018-19.	Board approved the introduction of new UG/PG programs and their intakes except Post-Graduate Diplomas and Professional Paralegal Certificate Course (PPCC). The Specialization for B.Tech. Computer Science was decided to be modified as Data Science and Knowledge Engineering and Intake for Ph.D. Law was decided to be as per availability of the faculty".
8	Approval of the policy in respect of Intellectual Property Rights covering Patents, Copyrights and Technology Transfer.	Board approved the IPR Policy.
9	Approval of the Incubation policy to promote new entry into product, processes and services.	Board approved the Incubation Policy.
10	Approval of the intake and fees structure for the academic session 2018-19.	Board approve the intake and fees structure for the UG/PG programs
11	Consideration of the Recommendation of the Finance Committee.	Board approved the Recommendations of the Finance committee.
12	Any other matter with permission of the Chair	

	<p>i. Setting up of Design Atelier under the Dept. of Mechanical Engg.</p> <p>ii. Directions of the Government for Admissions and Implementation of Statutory Provisions by the Private Universities in Haryana</p>	<p>Board approved the proposal. Board Approved the Mode of Admission proposed by the University</p>
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Decision: The Governing Body took the above information on record

5.5 Approval of the Balance-Sheet and Annual Accounts for the Financial Year 2016-17.

The Governing Body was informed that the Balance Sheet and Annual Accounts for the Financial Year 2016-17 was discussed in the meeting of Finance Committee and recommended to be placed before the Board of Management .This was deliberated at length in the meeting of the Board on 13.09.2017 and recommended to be placed before the Governing Body for their approval. A copy of the Balance Sheet and Annual Accounts was tabled in the Meeting. The Governing Body was requested to approve the same for onward submission to the Government.

Decision: Governing Body approved the Balance sheet and annual Accounts of the university for the Year 2016-17.

5.6 Approval of the Fee Structure in respect of various UG PG Programs for the Academic Session, 2018-19.

Hon'ble members were informed that the Board of Management in its meeting held on 13.09.2017 had concurred the recommendations of the Finance Committee with regard to fee structure for various UG & PG Programs to be offered during 2018-19 and recommended for placing the same to the Governing Body for approval. The recommended Program wise Fee structure is as under:

S. No.	Name of UG/PG Program	Intake	Fee Structure (p.a.)
Bachelor of Technology			
1	B.Tech. CSE	240	Rs.1,80,500

3	B. Tech. ME	60	Rs. 2,10,000/-
3	B.Tech. IE&M	30	
4	B. Tech. in E & CE	30	
4	B.Tech CS with specialization in Data Science & Knowledge Engg.	30	
Bachelor of Technology (Lateral Entry)			
1	B.Tech. CSE	12	Rs. 1,70,000
2	B.Tech. ME	03	
3	B.Tech. IE&M	02	
Master of Technology			
1	M.Tech. CE	18	Rs. 1,05,000
2	M.Tech. ME	18	
3	M. Tech in Embedded System & VLSI (Full Time)	18	
4	M. Tech in Embedded System & VLSI (Part Time)	18	
Bachelor of Business Administration			
1	BBA (Health Care Management) in association with Cygnus Hospitals	30	Rs. 1,60,000
2	BBA (Finance & Accounts) (Note 1)	90	Rs. 1,75,000
3	BBA (Entrepreneurship & Family Business)	30	
4	BBA (Operations Management with specialization in Supply Chain Management, Logistics and Project Management)	60	
Bachelor of Science (Hons.)			
1	B.Sc. (Hons.) Chemistry	50	Rs. 1,05,000
2	B.Sc. (Hons.) Mathematics	25	
3	B.Sc. (Hons.) Physics	25	
Master of Science			
4	M.Sc. Chemistry	30	Rs. 1,05,000
5	M.Sc. Mathematics	20	
6	M.Sc. Physics	20	
Bachelor of Education			
1	B.Ed.	100	Rs. 1,05,000
2	B.A. B.Ed. Integrated	50	
3	B.Sc. B.Ed. Integrated	50	
4	M.A (Education)	20	
Bachelor of Law			
1	BA LLB (Hons.)	60	Rs. 1,82,000
2	BBA LLB (Hons.)	60	Rs. 1,25,000
3	B.Com LLB (Hons.)	60	
4	LLM	30	

Decision: Governing Body approved the Fee Structure for the year 2018-18.

4.8 Any other item with the permission of the Chair

No other item was discussed.

The Meeting ended with a vote of thanks to the chair.

(Dr. K. Singh)
Registrar/ Member Secretary

F. No. MRU/GB (A&M) Vol.-III /2017

Dated: 01.06.2017

To

- 1) PS to Chancellor for kind information to the Hon'ble Chancellor
- 2) Principal Secretary to Government, Haryana Higher education Department, Room No.52, VIII Floor, Old Civil Secretariat, Sector-1, Chandigarh.
- 3) PS to VC for kind information of the Hon'ble Vice Chancellor
- 4) PS to Vice President for kind information of the Hon'ble Vice President
- 5) Dr. M. M. Kathuria, Trustee, 5E/1A. BP, NIT, Faridabad
- 6) PS to VC for kind information of the Hon'ble Vice Chancellor, MRIU
- 7) Prof.(Dr.) Haribansh Chaturvedi, Birla Institute of Mgt. & Tech., Plot Number 5, Knowledge Park 2, G. NOIDA, U.P. 201306
- 8) Col. (Retd.) V.K. Gaur, House No. 2429, Sector – 9, Faridabad.
- 9) Shri H. K. Batra, house No.1127, Sector 15, Faridabad.
- 10) Prof. (Dr.) Meenakshi S. Khurana, Dean Academics, (Special Invitee)
- 11) Shri Amit Kumar, FCA, 1H-33, NIT, Faridabad

Minutes of the Fourth Meeting of the Board of Management held on Wednesday, Dated the Sept. 28, 2016 at 2.00 P.M in the Board Room, A-Block, MRIU Campus, Faridabad.

A meeting of the Board of Management of Manav Rachna University was held on Thursday, Dated 28.09.2016 at 2.00 P.M in the Board Room, MRIU Campus, Faridabad to consider various administrative, academic and financial matters. The following were present:

1. Prof. (Dr.) Sanjay Srivastava, Vice Chancellor;
2. Dr. Amit Bhalla, Vice President, MREI,
3. Dr. N.C. Wadhwa, Vice Chancellor, MRIU;
4. Dr. M. M. Kathuria, Trustee (special Invitee);
5. Prof. (Dr.) Meenakshi S. Khurana, Dean, Academics;
6. Prof. (Dr.) B.M. Behal, Dean, Applied Sciences & Research;
7. Prof. (Dr.) M.R. Tyagi, Dean, Engineering;
8. Prof. Sangeeta Banga, Director/Dean, Students Welfare;
9. Shri Rajiv Malhotra, Chief Finance & Accounts Officer (Special Invitee);
10. Dr. Kameshwar Singh, Registrar/Secretary.

Worthy Additional Chief Secretary (Higher Education) or his nominee, Shri Navdeep Chawla, M.D. Psychotropic India Ltd., Faridabad, Shri M.K. Miglani, Former Vice Chancellor , KU & HAU (Haryana), Shri Pramit Sanghavi, M.D. Varahi Group of Industries, Kirti Nagar, New Delhi and Prof. (Dr.) V.K. Mahna, Pro Vice Chancellor & Dean , Faculty of Management and Humanities, MRU who could not attend the meeting due to their other professional engagements were granted leave of absence.

The following are the minutes of the meeting:

4.1. Opening remarks by the Chairman

The Chairman welcomed the Members present in the meeting and said that, on academic front we have improved a lot since inception of the University. This year, admissions have also been up to a acceptable level in comparison to last year which is indicative of the public faith and reputation/image of strong academics MRU carries with it. We are confident to achieve our goal with hard work and dedication of our faculty and staff in coming years. With these words, the Chairman concluded his remark and requested the Registrar to take up the Agenda of the Meeting. The Registrar took up the next agenda for consideration of the Hon'ble members.

4.2. Confirmation of the Minutes of the last meeting of the Board held on 21.01.2016

The Board was informed that Minutes of the last meeting held on 21.01.2016 were circulated to all the members vide letter no. MRU/ BoM (A&M)/2015, dated 04.02.2016, no comments were received from any one of the members. The Board after deliberation confirmed the minutes of the last meeting.

Decision: The Board confirmed the Minutes of the last meeting.

4.3. Action Taken Report on the Decisions taken in the Third Meeting of the Board.

The action taken by the University on the decisions of the Board were listed for information of the Hon'ble members as under:

Sl. No.	Agenda	Decisions	Action taken thereon
1.	Opening Remarks by the Chairman	-	No action required
2.	Confirmation of the Minutes of the last meeting held on 30.09.2015	Board confirmed the minutes of the last meeting	No action required
3.	Action Taken Report on the Decisions taken in the last Meeting of the Board	Took the action taken report on record.	No action required
4.	Matter for Information	The Board took all the information on record with advice that the University should work out for introducing the integrated Technology programs from the academic Session 2017-18	As far as the matter of Introducing the integrated Technology Programs, Departments are of the view that, we should first strengthen our Master Programs before we think of introducing the integrated Technology Programs. Hence, not taken up.

5	Approval of the decisions taken by the Finance Committee in its meeting held on 12.01.2016	The Board approved the decisions of the Finance Committee.	Action was taken accordingly.
6.	Approval of the decisions taken by the Academic Council in its meeting held on 13.01.2016.	Board approved the decisions of the Academic Council with the stipulation that all the academic programs to which admissions are proposed to be made on the basis of MRNAT, admissions to the programs be made only on the basis of merit in MRNAT.	It was incorporated in the Admission Brochure and the admissions to the Programs were made accordingly
7	Approval of the Consultancy Rules/ Regulations of the University.	The Board approved the Consultancy Regulation with the advice to think over the way to increase the consultancy to the University.	The approved Regulation was notified to the Academic departments for implementation.
8	Approval of Ordinance relating to Maintenance of Discipline among the students	The Board approved the Ordinance relating to Maintenance of Discipline among the students. Approved Ordinance	The approved Ordinance was sent to the Dept. of Higher Education for approval of the Govt. of Haryana and Gazette Notification
9	Any other matter with the permission of the Chair	No other item was discussed.	-

Decision: The Board took the Action taken Report on record.

4.4. Matter for information

i) Faculty members Joined/Resigned from the Service since 01.02.2016 onwards.

The Board was informed that during the period from March to September, 2016, 14 faculty members joined and 13 left the service of the University. A list showing the names with departments and date of leaving were presented before the members for their information.

ii) Faculty Achievements

The Hon'ble members of the Board were apprised with the achievements of our faculty members involved in Infosys Campus Connect Training programme and the students.

Manav Rachna University is an 'Advanced Academic Partner' with **Infosys Ltd.** under their **Campus Connect Program** (soft skill and technical tracks) since 2009. The CC Program aims at evolving a model through which Infosys and Engineering institutions can partner for competitiveness to prepare industry ready professionals by aligning and enhancing their competencies with the needs of the industry.

Ms. Hanu Bhardwaj, HoD Computer Science & Technology Department, won the **first prize** under the '**Inspire Faculty Contest for Distinguished Facilitator**' for successfully incorporating Agile methodology in first year programming courses at Manav Rachna University. **A tablet PC has been given as an award.**

Thirty one faculty members from MRU have been recognized as **BRONZE partners** and **SILVER partners** under the 'Campus Connect Faculty Partnership Model' in the year 2015 which is the **maximum faculty partnership awards** in Northern region. These awards have been given in recognition of outstanding efforts of the faculty members in successfully conducting Campus Connect activities at the university and undergoing various training programs conducted by Infosys in the year 2015.

Seventeen faculty members have been recognized as **bronze partners** under the **soft skills program**. Under technical track, **three** faculty members have been recognized as **silver** faculty partners and **eleven** faculty members as **bronze** partners. The faculty members have been trained and monitored by the **Infosys Campus Connect** Team for imparting training to the students.

The awards were given during **Inspire Faculty Excellence Awards** - annual event at Infosys, Chandigarh DC on 29th June, 2016.

In year 2015, under the leadership of **Dr. Deepa Arora**, the soft skills team, comprising faculty members from departments like Applied Sciences, Management and Mechanical Engineering, successfully rolled out Ten batches of soft skills

program – ‘Communication and Team Work’ – for the entire fourth semester B.Tech. students. **A total of 529 students were trained on this module.**

Faculty members from Computer Science and Technology department rolled out three Foundation Program (FP) batches for the B.Tech. CSE/IT sixth semester students (**153 students**). The FP is part of the training that Infosys gives to the fresh recruits at its Mysore campus. In this endeavor of producing skilled manpower, Infosys has been training the faculty members through various Faculty Enablement Programmes.

The approach adopted by the department got appreciation from the Infosys and other partner institutes.

i) Students Achievements

- **Team Cronos** comprising of **Akash Lohan, AnjanKar, Sahil Tanwar, Rahul Sharma and Himanshi Bhadana bagged the second prize for its coveted project “Klodo.**
- **Team Eyeluminati** comprising of Roopam Sharma (CSE 4th Year) and Neeraj Saini (ECE 3rd Year) **secured 2nd position** and scored **a honorable mention at the World Finals of the MIT's Global Startups Workshop Competition** held from 21st to 23rd March 2016, at Hyderabad. During the finals, 10 teams from across the globe competed, team from Massachusetts Institute of Technology secured the first position followed by Team Eyeluminati from Manav Rachna who took the second place and also secured an honorable mention.
- Roopam Sharma student of 4th Year CST department Selected **for “India’s top innovators under 35”** India Edition being organized by Mint, the financial daily from the stable of HT Media Ltd, and MIT Technology Review, published by the Massachusetts Institute of Technology (MIT). Roopam Sharma is going to be mentored by John Chambers, Founder Chairman Cisco.
- The IEEE Delhi section in its award ceremony at MSIT held on 23rd April 2016 for the year 2015-16 awarded **Sunakshi Mehta**, the Chairperson of MRU IEEE with the **Outstanding Student Volunteer Award** for the second year in a row. **Upasana Nagpal**, the chairperson of MRU IEEE WIE was awarded **Outstanding WIE Student Volunteer Award**. **Vakul Sehgal**, the Vice Chairperson of MRU IEEE **was awarded with Dr. JK Pal Memorial Best Student Volunteer Award**. Also, **Vakul sehgal** was felicitated for being an **active coordinator of SAC Team of Delhi Section**.
- Anmol Dhingra of CSE being a winner of **Big Data & Hadoop** competition organized during Cognizance 2015 at IIT Roorkee, **received the special**

invitation this year to compete with the winners of Zonal rounds during Cognizance 2016, held from 18th to 20th March 2016.

- Students from ECE Department participated at Utkranti 2016, Technical Fest of IIT Madras, organized from 2nd to 7th March and **secured 3rd position in Robotics event.**
- Two teams from B. Tech. first year participated in the Maze Solver competition during the Technical fest of Chandigarh University organized from 17th to 19th March, 2016. **Team comprising of Ankit & Mayank stood 3rd and were awarded cash prize of Rs 5000/-.**
- Students from B. Tech. first year participated in Inter-District event '**IGNIDEA 2016**' organized by The Environment Club and the Planning Forum of DAV Centenary College on 11th April, 2016. **Abhinav Sharma (CSE) and Ashu Singhal (ME) bagged I prize in quiz competition.**

Decision: The Board took the information on record.

4.5. Matter for ratification

i) Approval of the Appointment of Professor, Associate Professor and Assistant Professors

a). Department of Education.

It was submitted for information of the Board that, on the recommendation of the Academic Council, the Board of Management had given approval for starting B.Ed. (2 Years) and two integrated B.Ed. programs i.e. B.A. B.Ed. & B.Sc. B.Ed.(4 Years) with intake 100 each from the academic session 2016-17 subject to approval from the NCTE. As was required in the letter of intent received from the NCTE, advertisement was published in the national dailies and walking interview was also held for recruitment of Assistant professors for B.Ed. Programs. Out of 16 selected candidates for the position of HoD/Assistant Professor in different subjects, who were issued offer of appointment, 09 Candidates have joined the position and working in the Department. A list of such HoD/Assistant professors along with their CVs was provided to Hon'ble members for perusal and consideration.

b) Department of Physics / Chemistry/ Mathematics / Management & Commerce

The Hon'ble members of the Board were further informed that University had also made recruitment for the position of Professor/ Associate Professor /Assistant Professors in the above departments and issued offer of appointment to the 05

selected candidates (Professor -01 (Management), Associate Professor – 01 (Maths) , and Assistant Professor – one each in Mathematics, Physics and Chemistry). All the 05 candidates have joined the position of Professor/ Associate Professor /Assistant Professor in the departments concerned. Details thereof were provided to the Hon'ble members for perusal and consideration.

Decision: Board ratified the appointment of One Professor, one Associate Professor and Twelve Assistant Professors.

4.6. Consideration of the recommendation of the Finance Committee made in its meeting held on 06.09.2016.

The Board was informed that fourth meeting of Finance Committee was held on 06.09.2016 wherein, decisions on financial matters were taken as under:

Sl. No.	Agenda	Decisions
1.	Opening Remarks by the Chairman	
2.	Confirmation of the Minutes of the last meeting held on 12.01.2016.	FC confirmed the Minutes.
3.	Action Taken Report on the decisions taken in the Third Meeting of Finance Committee	Took the action taken report on record.
4.	Proposed Budget for the FY 2016-17 is presented for consideration.	FC approved the Budget for FY 2016-17 and resolved that same be submitted before the Board of Management in the next Meeting
5	Consider for approval the Balance Sheet and Annual Accounts for the Financial Year 2015-16.	FC approved the Balance Sheet and Annual Accounts for the Financial Year 2015-16 and resolved that same be submitted before the Board of Management in the next Meeting
6.	Consider the detail of Actual Expenditure and Income for the first four months of current financial year 2016-17 i. e. from 1 st April, 2016 to 31 st July, 2016.	FC took the four months expenditure on Record.

The minutes of the meeting of the Finance Committee were provided to the Hon'ble members who after detailed deliberation accepted the recommendations of the Finance Committee.

Decision: The Board accepted the recommendations of the Finance Committee and approved its submission to the Governing Body for approval.

4.7. Approval of the MRU (Second) Regulation, 2016 on Sexual Harassment of Women at Work place.

The Board was informed that a regulation has been prepared by the university as per the Visakha guidelines and the norms laid down by the UGC/Govt. on the subject matter from time to time to deal with the cases of sexual harassment of women at work place for their consideration. The Board after having detailed discussions approved the draft regulation.

Decision: The Board approved the above Regulation, a copy of which is annexed as Annexure -I.

4.8 Creation of Faculty of Law and Department of Law

It was submitted for information of the Board that the University intends to start Law programs at UG Level from the academic session 2017-18. The program would be offered by the Department of Law which will function under aegis of Faculty of Law. For starting the program, a proposal to start LLB (3yrs), BA LLB, BBA LLB & B. Com. LLB (5 years) was submitted to the ACS to Govt. Department of Higher Education, Haryana for permission as required under the section 34A (1) of the Haryana Private Universities Act, 2006 and amended from time to time for the same, The Department of Higher Education had asked to make a presentation before the Committee on 14.09.2016. A five member team under the chairmanship of Hon'ble Vice chancellor participated in the presentation/deliberation. We are expecting to get NOC from the Govt. soon.

Considering the initiative taken in this regard, it is necessary to create the Department of law and the Faculty of Law to take up the process further in this direction i.e. submission of application to the Bar Council of India and to comply with other statutory requirements for the programs. The Board considered the proposal for creation of the Faculty of Law and Department of Law respectively and unanimously resolved that the university should go ahead with the proposal.

Decision: The Board approved the creation of the Faculty of Law and the Department of Law in the University.

4.9 Any other matter with the permission of the Chair

(1) Withdrawal/Refund Policy for the Academic session 2017-18

Board was informed that the University intends to adopt refund/withdrawal policy prescribed in the UGC (Institution deemed to be university) Regulations, 2016 which prescribes as follows-

a).In case the student informs of his intention not to join the institution at least 7 days before and start of the academic session, then 100% of the fee collected minus the processing charges, which shall not be more than Rs 10,000, or any other amount fixed by UGC. The same shall be refunded within 15 days of receipt of information from the student.

b). In case of such information given by the student and the Institution is able to fill-up the seat so vacated, then 100% of the fees collected minus the processing charges, which shall not be more than Rs 10,000, or any other amount fixed by UGC The same shall be refunded within 15 days of request of refund from the student or expiry of 30 days after opening the academic session, whichever is later.

c).In case no such information is given by the student and Institution is not able to fill up the seat even by the end of 30 days after the opening of academic session, then 50% of the fee collected minus the processing charges, which shall not be more than Rs 10,000, or any other amount fixed by UGC. The same shall be refunded within 15 days of request of refund from the student or expiry of 30 days after opening the academic session, whichever is later.

The Hon'ble members of the Board after deliberation on the need of the same unanimously resolved for adoption of the same in MRU for the session, 2017-18.

Decision: Board approved adoption of the withdrawal/refund policy specified in UGC Regulation, 2016 for the academic session 2017-18.

(2) Approval of Intake and Fee Structure for various UG/PG Programs to be offered during the academic session 2017-18.

Board was informed that during the Academic session 2017-18, the University intends to continue the following UG/PG Programs with intake and fee structure as shown against their names. After deliberation, the Board approved the same as follows :

S.NO.	Name of UG/PG Program	Intake	Fee Structure (p.a.)
Bachelor of Technology			
1	B.Tech. CSE	180	Rs.1,70,000

2	B. Tech. IT	60	
3	B. Tech. ME	120	
4	B.Tech. ECE	60	
Bachelor of Technology (Lateral Entry)			
5	B.Tech. CSE	36	Rs. 1,65,500
6	B.Tech. IT	12	
7	B.Tech. ME	24	
8	B.Tech. ECE	12	
Master of Technology			
9	M.Tech. CE	18	Rs. 1,00,500
10	M.Tech. ME	18	
11	M.Tech. ECE	18	
Bachelor of Business Administration			
1	BBA (Health Care Management) in association with Cygnus Hospitals	40	Rs. 1,50,000
2	BBA (Finance & Accounts) (Note 1)	40	Rs. 1,65,000
3	BBA (Entrepreneurship & Family Business)	40	
Bachelor of Science (Hons.)			
1	B.Sc. (Hons.) Chemistry	25	Rs. 1,00,500
2	B.Sc. (Hons.) Mathematics	25	
3	B.Sc. (Hons.) Physics	25	
Master of Science			
4	M.Sc. Chemistry	20	Rs. 1,00,500
5	M.Sc. Mathematics	20	
6	M.Sc. Physics	20	
Bachelor of Education			
1	B.Ed.	100	RS. 1,00,500
2	B.A. B.Ed. Integrated	50	
3	B.Sc. B.Ed. Integrated	50	
4	M.A (Education)	20	
Faculty of Law to be decide, once after getting approval from the BCI*			

Decision: Approval of Intake and Fee Structure for various UG/PG Programs to be offered during the academic session 2017-18.

(3) Research and Innovation Incentive Scheme for Faculty Members for Research Publication/Patents

Board was informed that presently, only Ph.D. scholars and faculty members are involved in research publications. From this year onwards, it has been decided to involve the UG students also in the research work and publication of papers, articles in refereed journals/patents etc. for which provisions have been made in the Program. In order to

strengthen the research and innovation activities in the university and to encourage the faculty and students to associate / involve themselves in R & D activities, it is proposed to have an incentive based scheme which will help the academic departments in generating research funds for setting up the research labs/up-gradation of equipments and also to motivate individuals for publishing good research papers in reputed refereed journals. Besides, it will help the Departments in acquiring better ranking from the regulatory bodies like NBA, NAAC and NIRF in future. Accordingly, modalities of the scheme have been worked out and mentioned below for consideration of the Hon'ble member of the Board.

i) Objective of the Scheme:

The primary objective of the proposed incentive scheme is to motivate the faculty members of our University to undertake quality research, consultancy and other research related activities.

ii) Scope of the Scheme

This scheme covers all faculty members of all Departments of the University.

The scope of the scheme envisages, in particular:

- to motivate our faculty members to concentrate on research related activities, in addition to the teaching, so as to publish research articles in reputed refereed international and national journals with impact factor.
- to pursue efforts to write books, monographs for publication by International and National publishers of repute.
- to evince interest among the members of faculty so that they take efforts to establish collaborative research projects with their counterparts in reputed foreign Universities.
- to encourage our faculty members to submit proposals and secure funded research projects from various funding agencies in India and Abroad.
- to undertake consultancy projects sponsored by both Government & Private, Industrial and other organizations.
- to encourage creativity in the minds of faculty members, so that they make original contributions by way of products, concepts etc. and obtain patents.

iii) Details of the Scheme:

Faculty members will earn incentives on the basis of criteria mentioned below under each category for non-paid Journals only for their last year achievements:-

Category	Calculated@	60% of share for Capital Investment or Non-recurring	25% of share for Consumables / Recurring	15% of share as cash incentive to individuals
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		expenditure	expenditure	
International Patent Grant	100000	60000	25000	15000
International Publications in Scopus / SCI/ WOS/ EBSCO Host or Dare Database- International Social Sciences Directory	50000	30000	12500	7500
National Patent Grant / International Patent Filed				
Books Authored				
International Journal Publications with Impact Factor	25000	15000	6250	3750
Book Chapter / Monographs written				
National Journal Publications with Impact Factor / National Patent Filed	10000	6000	2500	1500
Research Project Grant	Overheads as per funding agency rules			

iv) Period of Reckoning:

The Academic year is the period for calculating the credits earned by a faculty member i.e. from 1st July of the previous year to the 30th June of the current year.

v) Procedure for the payment of Incentive:

At the end of every academic year, the total incentives earned by a faculty member will be calculated based upon the evidences produced and the incentive payable to the faculty member will be arrived at and disbursed as per policy.

It is the responsibility of the faculty member to produce evidences of the documents. He has to produce a printed copy of the evidence to the HOD at the closure of the academic year on or before 30th June. HOD concerned will verify these documents and submit their recommendations to Concerned Dean alongwith summary of credentials with calculation sheet as per notified policy **on or before 7th July of the year**. All Deans will send their recommendations to Dean Academics on or before 15th July of the year. The claim will be checked by the committee constituted by the Vice

Chancellor **on or before 31st July of the year** for final approval. The office of the Registrar will claim and disburse the amount following the usual procedure.

vi) Other Conditions / Guidelines:

- If more than one faculty member is involved in publications, the amount will be shared by them.
- If an author from other university or college is involved, they need not be considered and the claim of internal faculty will be reduced as per sharing rule.
- As this being a tentative scheme, the criteria and modalities will be amended then and there, by the University.

The Board deliberated over the issue at length and approved the same unanimously.

Decision: Board approved the above proposal.

(4) Matter for information

(a). Gazette Notification of MRU First Statutes

It is submitted for information, that First Statutes of the University which was duly approved the Board of Management and submitted to the DHE, Govt. of Haryana has been approved with addition & modifications in the proposed Statutes and notified by the Haryana Education Department, Haryana Government vide Gazette Notification No.KW 20/5-2013 UNP (5) dated the 2nd February, 2016.

(b) Admissions made to the UG/PG Programs for the Academic Session 2016-17.

The Board was informed that admissions to various UG/PG programs for the academic Session 2016-17 were started as per the schedule notified in the Admission Brochure. Right from the June, 2016 when our first counseling was held, the admissions were made in the University as per the eligibility condition approved by the Board for various UG/PG programs. Currently, 402 students are admitted to First year of all the UG programs, the details of which are as follows:

i) B. Tech.	- 284	iv) M. Tech.	- 04
ii) B.Sc.(Hons.)	- 30	v). M. Sc.	- 19
iii) BBA	- 65		

The classes were started from different dates i.e. B. Tech.(12.07.2016), B.Sc. (Hons) (08.08.2016) , BBA (14.07.2016) and M.Sc. (08.08.2016).

(c) MRU Recognitions:

- MRU has been ranked 10th among all the private engineering institutes and 29th among all engineering institutes across the country **by Times Engineering Survey** (TOI, May 27, 2016).
- Prof. (Dr.) Sanjay Srivastava (VC, MRU & MD, MREI) has been awarded **Honorary Research Fellowship of Lahti University of Applied Sciences (LAMK-UAS), Finland**. This rare honour was bestowed upon him by the Hon'ble Prime Minister of Finland Mr. Juha Sipila, who was in India for the "Make in India Week" on the invitation of Prime Minister Modi.
He is amongst the only three Research Fellows of LAMK-UAS Helsinki and is the first Asian Honorary Research Fellow of LAMK-UAS. Prof. Allan Barell (Univ. of Cambridge) and Professor Lene Foss (The Artic University of Norway) are the previous two Honorary Research Fellows of LAMK-UAS. This honorary position will entitle Dr. Sanjay Srivastava to represent Lahti UAS on various international forums for academic improvement, research and development. It would also enable him to enhance Lahti UAS relations with Indian and other international universities as per policies of Lahti UAS Helsinki.

(d) MoUs / Agreements/ Collaborations

- **International Collaborations:**

The purpose of collaboration of MREI with foreign Universities is that an International exposure, in today's scenario has become a precondition for success for students. Graduate schools need to be firmly embedded in the global science landscape. Such tie-ups with overseas Universities not only aid in pooling of resources, but also help in facilitation of supervision processes and ultimately leads to an ambitious programme being run at the graduate and post graduate level for students. Having International education experience is an incredible resume booster, as it shows prospective employers that the applicants are motivated, independent, and generally more qualified. With this aim in mind, MREI has academic collaborations with several International Universities including **Autonomous University of Sinaloa**, Mexico, **Purdue University**, Indiana, **Lahti University**, Finland, **Hasan Kolyunko University**, Turkey, **Istanbul Kultur University**, Istanbul, **Istanbul Commerce University**, Istanbul, **Berlin Technical University**, Berlin, **EIA University**, Columbia and **Lady of the Lake University**, Texas.

(i) Highlights of Collaborations with LAMK (Finland)

PARTNER UNIVERSITY - LAHTI UNIVERSITY OF APPLIED SCIENCES, FINLAND		
ACTIVITIES/INITIATIVES/EVENTS	DURATION	DESCRIPTION
VISIT TO MR CAMPUS	October, 2015	Dr. Outi (CEO, LAMK Finland), Dr. Pia (Faculty of Technology) and Prof. Harry (Design Institute) visited the campus. The opportunities of collaborations between both the universities were discussed.
INTERNATIONAL HONORARY RESEARCH FELLOW	February, 2016	Prof. (Dr.) Sanjay Srivastava (MD MREI & VC MRU) has been awarded Honorary Research Fellowship of Lahti University of Applied Sciences (LAMK-UAS), Finland. This rare honour was bestowed upon him by the Hon'ble Prime Minister of Finland Mr. Juha Sipila, who was in India for the "Make in India Week" on the invitation of Prime Minister.
SMART CITIES IN SMART REGIONS CONFERENCE, LAMK, FINLAND	May, 2016	LAMK partnered with MR (including other renowned universities) in organising First International Conference on "SMART CITIES IN SMART REGIONS 2016". Prof. (Dr.) Sanjay Srivastava (MD MREI & VC MRU) & Dr. N.C. Wadhwa (VC MRU) were invited to present the Theme keynote (10th May, 2016) during the conference. MREI and LAMK have entered in to an ACADEMIC AGREEMENT to develop academic and cultural interchange through mutual assistance in the areas of education and research. MRU participated as: International Steering Committee Member (Meena Kapahi & Dr. Megha Mittal)

		<p>Technical Reviewer Committee Member (Meena Kapahi, Dr. Megha Mittal, Prof. (Dr.) Meenakshi S Khurana, Prof. (Dr.) B.M. Bahal, Prof. (Dr.) A.K. Gupta, Dr. Sujata Dash)</p> <p>Oral Presenters LAMK, Finland (Meena Kapahi & Sanjana Malhotra)</p>
VISIT TO MR CAMPUS	May 24 th , 2016	Dr. Juhani visited the campus, meeting were conducted at VC office with the Deans and faculty members of all the faculties of MREI. The detail of the PhD program at MRU was shared with him.
STUDENT EXCHANGE AT MR	September to January, 2017	Three students from LAMK are at MRU for their 5 months project work related to community and environment. They are visiting the rural and urban waste management facilities by Municipal Corporation Faridabad and shall working under the guidance of Ms Meena Kapahi and Prof Rajat Gera.
STUDENT EXCHANGE SPRING 2017 at LAMK	January to May, 2017	LAMK is inviting applications from students under the students exchange program Spring 2017 (Jan - May 2017) in various faculties.
EDUCATIONAL TRIP at LAMK	February to March, 2017	Applications are being invited from the students of B.Tech. III semester for the 2 weeks educational trip at Finland.

(ii) Purdue Next :

MRU and Wiley India have entered into a professional arrangement. Wiley India is a subsidiary of John Wiley and Sons inc., the *numero uno* publishing company in the world. They have an education vertical through which they have forged a partnership with Purdue University. This partnership with Wiley shall lead to launching of cutting edge online courses directly by the Purdue University to students. In the current semester an **online course on ‘Sustainability Strategies’ is being offered to the B**

Tech (2015-19 Batch) and MBA (2015-16) Batch. A total of 154 students are enrolled for the course. The course is being offered under the elective basket theme 'Environmental Ethics & Sustainability Development'.

(iii) iCarnegie:

iCarnegie, a subsidiary of Carnegie Mellon University, Pittsburgh USA and MREI have signed an MoU to share their Learning Management System covering subjects related to Computer Engineering/ Information Technology with MRU for its students studying in B.Tech Programmes. **iCarnegie's Software development program (SDP-02) was carried out in workshop mode for B.TECH 2015-19 (CSE,IT,ME,ECE) students.** While learning how to develop simple java applications, the students got experience of using application interfaces, abstraction, generalization, and other crucial engineering concepts using objects as a key strategy to control complexity and support reuse. Using basic design concepts such as flowcharts, pseudo-code and Unified Modeling Language (UML) diagrams while developing applications, producing useful client-side applets and standalone applications, based on realistic requirements similar to those they would receive from an actual client or employer.

(e) Industrial Collaborations

(i) Su- Kam : Establishment of Centre for Smart Solar Energy'

MREI signed MoU with Su-Kam Power Systems (28th October, 2015) with a purpose of collaboration on Academic and Research areas. To enrich the learning experience of its stakeholders a 'Centre for Smart Solar Energy' has been established in campus and was inaugurated on 13th April 2016. The Centre provides "in field" exposure to both faculty members and students of the latest developments in the field of solar energy and its commercial applications in the area of energy generation, storage and deployment. Apart from training in-house faculty and students of MREI, Centre conducts various advanced trainings for professional working in the area.

(ii) Venture7 Technology Private Limited: SkyTesters Centre of Excellence (COE)

at Manav Rachna University is an initiative of Venture7 Technology Private Limited. Manav Rachna University and Venture7 Technology Private Limited established cooperative relations between the two on Sept 19, 2016, especially to bridge the gap between academia and industry through mutual assistance in the areas of education and current industry trends. SkyTesters is one of the best software testing companies in India who deals in B2B web & mobile app testing services. SkyTesters focus on QA strategy, crowd source testing, and test automation. Within a year of incorporation, company is assisting largest media group of India, one of most reputed healthcare group in USA and 20+startsup in India, Singapore and USA. SkyTesters has been awarded as a "Most Innovative Technology Company" at Delhi Edge Conclave on May 2016.

This association will enable students to work on industry products/projects assignments of Venture 7 and/or their customers. **Students will get hands-on in manual/automated testing by working on many live projects like BookMyTrain, Snapdeal, Grofers, Gaana, Curofy and many more.**

(iii) Cygnus Hospitals

With the objective to provide industry ready and employable candidates, Cygnus Medicare Pvt. Ltd. and Manav Rachna University (MRU) signed an MoU to provide trained manpower in the Health Care sector and joined hands to bring structured BBA (Healthcare Management) program specializing in Health Care Management. This relationship provides students, one year practical training with Cygnus Hospitals.

(iv). SAP (Systems, Applications & Products in Data Processing) student Academy:

Manav Rachna Educational institutions (MREI), have collaborated with SAP SE to offer extensive range of courses to all its students. SAP Student Academy is designed to provide cutting-edge and effective SAP training to aspiring students. This will enable them to bridge the industry-academia gap and enhance their employability and entrepreneurship opportunities. The academy provides opportunity to Manav Rachna University (MRU) students and faculty to for SAP Student Academy programs in campus.

(f). MOU with CL Media (Accendere)

An MOU was signed between CL Media (CLM) and Manav Rachna University (MRU) to establish Industry Academic Research Collaboration in areas of Mutual Interest on 27th May 2016. CLM through Accendere shall setup process and produce research papers & external support in publishing in relevant indexed Journals like Scopus/SCI/WOS or present in relevant conferences. Further Accendere would encompass variety of activities enabling the faculty and students understand the process, formation of research groups, selection of faculty mentors from MRU and identification of research topics for research groups.

Accendere would provide all support to enable research groups of students in identifying research problems, literature survey, conducting review of literature, progress in research to its conclusion and publishing research work in relevant journals and filing of Patents if any.

(g) Important Events:

i) National Conference on “Emerging Trends and Innovations in Electronics and Telecommunication Engineering (June 28th, 2016).

Department of Electronics & Communication Engineering organized its first National Conference on ‘Emerging Trends and Innovations in Electronics and Telecommunication Engineering (ETIETE-2016), **technically co-sponsored by Institute of Electronics and Telecommunication Engineers (IETE) and Indraprastha Institute of Information Technology (IIIT, Delhi).**

Some of the key topics of interest at the Conference were ‘Wireless Sensor Network’, ‘Mobile Communication’, ‘Optical Communication’, ‘Nanotechnology’, ‘Image and Speech processing’, ‘VLSI System design’, ‘Embedded Systems’, Digital and Analog Circuit Design’ and the like. Dr Manpreet Singh (Director AICTE) was the Chief Guest for the conference Inaugural. 64 Papers were presented and published (International Journal of Innovative Research in Computer and Communication Engineering)

ii) National Seminar on Climate Change and Disaster Management

National Seminar on ‘Climate Change and Disaster Management’ was organized by Manav Rachna Educational Institutions (MREI) **in collaboration with the Centre for the Study of Administration of Relief (CSAR)** on 18th June, 2016 at MR campus. The seminar saw the participation of approximately 100 participants from MR and other reputed institutes like YMCA, LIONS club etc. The lecture sessions began with the theme presentation on “Climate Change & Disaster Management” made by Dr. Harjit S. Anand (Chairman, CSAR and former Secretary, Govt. of India). The **keynote address** was delivered by **Dr. Kamal Kishore (NDMA). Hon’ble Justice (Dr.) Arijit Pasayat**, Judge of the Supreme Court of India (Retd.), Chief Guest, in his presidential address discussed the preventive aspects of the **Disaster Management.**

iii) Concluding Ceremony for Class of 2012-2016 (July 9th 2016)

8th Semester passing out B.Tech. Students of Manav Rachna University and its Outstanding Achievers were felicitated at a highly motivational Concluding Ceremony in MREI campus. Over 200 students of MRCE, now MRU (Class of 2012-2016) were felicitated with Course completion certificates at the Ceremony
Following awards were presented on the occasion.

Awards	Awarded to	Achievements
Student Leadership Award(s): Awarded to student(s) who has/have evidenced ability to motivate other	Sunakshi Mehta B Tech CSE	<ul style="list-style-type: none"> • President Student Council MRU for session 2015-16 • Chairperson IEEE Student chapter MRU • President Manav Rachna Leo Club and organized blood camps, projects with Prakashdeep NGO and number of activities at Govt. Girls High School at Mohna Village under Dr. O P Bhalla Foundation

students and has/have successfully lead teams for specific organizational goals.		<ul style="list-style-type: none"> • Guest Speaker for the Workshop on Web Development, organized by Delhi section of IEEE at Jamia Hamdard University. • Received Best Student Volunteer awards for the year 2015-16 under Delhi Section IEEE
	Bhavesh B Tech CSE	<ul style="list-style-type: none"> • President Student Council MRU for session (2015-16) • President of Literary Society MRCE • Actively involved in organizing all the student activities in house • Introduced SPICMACAY Chapter at MRCE
Outstanding Achievers Awards	Akshita Sachdeva B Tech CSE	<ul style="list-style-type: none"> • Winner of Microsoft Imagine Cup National finals 2015, and represented Country at the International finals at Seattle • Winner of Yahoo Accenture Innovation Jockeys 4 for the project Manovue (the World's first Intelligent personal assisting system for the visually impaired) • Category winner of Yahoo Accenture Innovation Jockeys 3 for the project Saviour Suit and got an opportunity for a direct interview with Accenture
	Jehi Jha B Tech CSE	<ul style="list-style-type: none"> • Runner up for Microsoft Imagine Cup 2015 National Finals under World Citizenship Category • Represented India at BRICS Youth Summit Russia, 2015, in Science and Technology Group • Bagged 2nd Prize for the project MoveAid in Microsoft Imagine Cup 2014, National Finals under Innovation Category • In Microsoft Imagine Cup International Finals 2014, received 2nd prize of worth \$3000 in the competition Apps for Office Challenge for Project Molecule Maker • Microsoft Student Associate member (2014-2015) • Google Student Ambassador (2014-2015)
	Himanshu Khatter B Tech IT	<ul style="list-style-type: none"> • Selected among top 5 beta tester in honor beta testing program organized by by Huawei. He was awarded with many prizes and got the invitation to attend HUAWEI 2nd ANNIVERSARY CARNIVAL which is a global event scheduled on 12th of December in Shenzhen,China.
	Himanshi	<ul style="list-style-type: none"> • Bagged second prize for its coveted project

	Bhadana B Tech IT	<p>“Klodo”. In Microsoft Imagine Cup National Finals, 2016</p> <ul style="list-style-type: none"> • Bagged 1st position In Microsoft Imagine Cup, 2015 National Finals in Gaming Category
	Priya Dugya B Tech CSE	<ul style="list-style-type: none"> • Bagged 1st position In Microsoft Imagine Cup, 2015 National Finals in Gaming Category
	Shefali Yadav B Tech ECE	<ul style="list-style-type: none"> • Bagged 3rd position In Microsoft Imagine Cup, 2014 and 2015 National Finals in world citizenship category
<p>Academic Proficiency: Awarded to highest scorer in the program.</p>	Parnika Gupta (ECE)	81.92 % ; 7 ^h University Rank in 3 rd semester; 15 th University Rank in 4 th semester , 12 th University Rank in 5 th semester and 38 th University Rank in 6 th semester
	Garima Mangla (IT)	77.82 % ; 8 th University Rank in 3 rd semester; 6 th University Rank in 4 th semester and 7 th University Rank in 5 th semester
	Deepak Gupta (ME)	78.96 % ; 9 th University Rank in 3 rd semester; 35 th University Rank in 4 th semester and 11 th University Rank in 5 th semester
	Ruchika Mangla (CSE)	82.46% ; 41 st University Rank in 3 rd semester; 1 st University Rank in 5 th semester and 23 rd University Rank in 6 th semester
<p>Vice Chancellor’s Award: This award will honor a student who has the best academic record (highest CGPA/%) in the University.</p>	Ruchika Mangla B Tech CSE	-
<p>Vice President’s Award: This award will honor a student who has evidenced significant achievements at National Level.</p>	Neha Valecha B Tech CSE	<ul style="list-style-type: none"> • Participated in World Skills Competition 2015, and got 2nd position in National Finals under IT Software Solution For Business (ITSSB) Sector • Runner up for Microsoft Imagine Cup 2015 National Finals under World Citizenship Category • Represented India at BRICS Youth Summit Russia, 2015, in Science and Technology Group • In Microsoft Imagine Cup International Finals 2014, received 2nd prize of worth \$3000 in the competition Apps for Office Challenge for

		<p>Project Molecule Maker</p> <ul style="list-style-type: none"> • In Microsoft Imagine Cup 2014, National finals positioned among top 5 finalists for the project Saviour Suit under Innovation Category • Microsoft Student Partners (2014-2015) • Represented Delhi Section Group at All India Student Congress (AISC 2014) held in Gujarat,
<p>President's Award: This award will honor a student who has evidenced significant achievements at International Level.</p>	<p>Roopam Sharma:</p> <p>B Tech CSE</p>	<ul style="list-style-type: none"> • Listed among the top 8 innovators of the country under 35 India Edition organized by HT Mint, and MIT Technology Review, and is nominated in the list of world finalists, Youngest in the entire list and only student candidate. He is being mentored by John Chambers Founder CEO, Cisco. • Represented India in the global finals of MIT's Global Start-ups workshop (MIT GSW) Business Plan Competition held at Hyderabad and got appreciated for his ideas • Winner of Microsoft Youth Spark Challenge for Change, 2015 - World Championship , attended 6 weeks of Leadership programme at Nicaragua and has been given opportunity to serve as a Microsoft Youth Spark Advocate • Winner of Microsoft Imagine Cup National finals 2015, and represented Country at the International finals at Seattle • Winner of Yahoo Accenture Innovation Jockeys 4 for the project Manovue (the World's first Intelligent personal assisting system for the visually impaired) • Category winner of Yahoo Accenture Innovation Jockeys 3 for the project Saviour Suit and got an opportunity for a direct interview with Accenture

iv) Installation of ISHRAE Student Chapter at MRU

Student chapter of The Indian Society of Heating, Refrigeration and Air- Conditioning Engineers (ISHRAE) was installed on 12th September, 2016 at Manav Rachna University. For the ceremony Mr. Aneesh Kadyan President, Mr. Subir Das Student activity chair and Mr. Vikram Maini Executive Secretary of ISHRAE Delhi Chapter were present. Mr Piyush Mahendru (Assistant Professor ME) is the faculty coordinator from MRU for the chapter.

v) Blood Donation Camp:

MRU collaborated with Lions Club of Faridabad to organize a Blood Donation Camp on 16th September 2016. A total of 337 units of Blood were donated by students, faculty and staff of MRU.

The Board took all the above information on record and applauded the achievements/recognitions of the University presented before it and desired that the university should also prepare the detail of the various Research Proposals submitted to the funding agencies of the Govt., GIA received up till now and Vacancy positions in Ph D programmes depending upon the expertise of faculty available in the Departments. He further said that the Department of Mechanical Engineering should examine the feasibility of introducing a new B.Tech. Program in Industrial Engineering and Management from the session 2017-18 and come out with firm proposal for the same. The Chairman also desired that university should now expedite the process of submission of the UGC proforma as required by them for approval and also see whether it needs additional faculty as per norms laid for the purpose, if short, action to fill up the same should also be initiated and process completed before UGC team visits the campus to avoid submission of compliance which delays the approval process.

The meeting ended with vote of thanks to the Chair.

(Dr. K. Singh)
Registrar/Member Secretary

F.No. MRU/BoM(A&M)/2015

Dated: 23.01.2016

To,

1. PS to Chancellor for kind information of the Hon'ble Chancellor;
2. Prof. (Dr.) Sanjay Srivastava, Vice Chancellor;
3. Additional Chief Secretary (Higher Education), Old Civil Secretariat, Sector 17, Chandigarh.
4. Dr. Amit Bhalla, Vice President, MREI,
5. Dr. M. M. Kathuria, Trustee, NIT, Faridabad.
6. Dr. N.C. Wadhwa, Vice Chancellor, MRIU;
7. Sh. Pramit Sanghavi, M.D. Varahi Group of Ind., Kirti Nagar, New Delhi.
7. Shri M.K. Miglani, Former Vice Chancellor, KU & HAU, H.N.1161, Sector- 15, Faridabad;
8. Shri Navdeep Chawla, M.D. Psychotropic India Ltd.Faridabad
9. Prof (Dr.)V.K.Mahna , Pro VC & Dean, Management & Humanities;
10. Prof. (Dr.) Meenakshi S. Khurana, Dean, Academics;
11. Prof. (Dr.) B.M. Behal, Dean, Applied Sciences & Research;
12. Prof. (Dr.) M.R. Tyagi, Dean, Engineering;
13. Prof. Sangeeta Banga, Director/ Dean, Students Welfare.

Minutes of the Fifth Meeting of the Board of Management held on Monday, Dated the May 15, 2017 at 2.00 P.M in the Board Room, A-Block, MRIU Campus, Faridabad.

A meeting of the Board of Management of Manav Rachna University was held on Monday, Dated 15.05.2017 at 11.00 A.M in the Board Room, MRIU Campus, Faridabad to consider various administrative, academic and financial matters. The following were present:

1. Prof. (Dr.) Sanjay Srivastava, Vice Chancellor;
2. Dr. Amit Bhalla, Vice President, MREI,
3. Dr. N.C. Wadhwa, Vice Chancellor, MRIU;
4. Dr. M. M. Kathuria, Trustee (special Invitee);
5. Shri Navdeep Chawla, M.D. Psychotropic India Ltd., Faridabad,
6. Shri M.K. Miglani, Former Vice Chancellor , KU & HAU (Haryana),
7. Prof. (Dr.) V.K. Mahna, Pro V C & Dean , Faculty of Management and Humanities;
8. Prof. (Dr.) Meenakshi S. Khurana, Dean, Academics;
9. Prof. (Dr.) B.M. Behal, Dean, Applied Sciences & Research (Special Invitee)
10. Prof. Sangeeta Banga, Director/Dean, Students Welfare;
11. Dr. Kameshwar Singh, Registrar/Secretary.

Worthy Additional Chief Secretary (Higher Education) or his nominee and Shri S.K.Jain, MD, Indo Autotech Limited, Faridabad, who could not attend the meeting due to their other professional engagements were granted leave of absence.

The following are the minutes of the meeting:

5.1 Opening remarks by the Chairman

The Chairman welcomed the Members present in the meeting and said that, the university has been doing well on all the fronts. He presented a brief account of it before the members starting with the achievement of the faculty members and concluding with Ph.D. admissions made during the year 2017. He stated that Ms Hanu Bhardwaj, HoD , CSE was given “ Best Talk Award” by the Infosys.Ltd. One of our professors, namely, Dr. Rajiv Nandan Rai was offered the assignment as Visiting Professor at IIT, Kharagpur. The results of the University were declared well in time and this become possible only because of the hard work put by Prof. Mahana, Dean Academic and their team, He puts on record his deep appreciation for them.

The Chairman further informed that recently, a conference was organized at Bali wherein papers were presented by the faculty which got wide appreciation. 60 % of our students got placement in reputed companies. Many of our students have joined Master Programs in foreign Universities. In April, we celebrated the Founder’s day with much fanfare. On that occasion, Manav Rachna Excellent Awards were given to

five eminent personalities for their significant role in the area of their work on the recommendation of a Jury headed by Padma Shri Prof. Pitam Singh.

Bar Council of India Committee visited the University on 10th of May. The Committee was very appreciative about the faculty and the infrastructure. MRNAT-2017 was conducted on 14th of May, 17. Approximately 1000 students appeared in the test which is indicative of the popularity of the Manav Rachna among the masses. . He also mentioned about the new admissions under Ph.D. Program and apprised the members that this time, the university has been little choosy as it was not getting an adequate number of Supervisors to supervise and guide the scholars and therefore, took 29 candidates, out of which 26 have joined the program which is a sizable number for a new University.

We are confident to achieve our goal with the hard work and dedication of our faculty and staff in coming years. With these words, the Chairman concluded his remark and requested the Registrar to take up the Agenda of the Meeting. The Registrar took up the next agenda for consideration of the Hon'ble members.

5.2 Confirmation of the Minutes of the last meeting of the Board held on 21.01.2016

The Board was informed that Minutes of the last meeting held on 28.09.2016 were circulated to all the members vide letter no. MRU/ BoM (A&M)/2015, dated 27.10.2016, no comments were received from any one of the members. The Board after deliberation confirmed the minutes of the last meeting.

Decision: The Board confirmed the Minutes of the last meeting.

5.3 Action Taken Report on the Decisions taken in the Third Meeting of the Board.

The action taken by the University on the decisions of the Board were listed for information of the Hon'ble members as under:

Sl. No.	Agenda	Decisions	Action taken thereon
1.	Opening Remarks by the Chairman	-	No action required
2.	Confirmation of the Minutes of the last meeting held on 21.01.2016	Board confirmed the minutes of the last meeting	No action required
3.	Action Taken Report on the Decisions taken in the last Meeting of	Took the action taken report on record.	No action required

	the Board		
4.	Matter for Information	Took the information on record	No action required
5	Matter for Ratification	Board ratified the appointment of One Professor, one Associate Professor and Twelve Assistant Professors.	No action required
6.	Consideration of the recommendation of the Finance Committee made in its meeting held on 06.09.2016.	The Board accepted the recommendations of the Finance Committee and approved its submission to the Governing Body for approval.	The matter was placed before the Governing Body in its meeting held on 15.12.2016. The GB approved the recommendations.
7	Approval of the MRU (Second) Regulation, 2016 on Sexual Harassment of Women at Work place.	The Board approved the Regulation.	Approved Regulation was circulated among the Depts. For information and action.
8	Creation of Faculty of Law and Department of Law	The Board approved the creation of the Faculty of Law and the Department of Law in the University.	The Faculty and the Department of Law have been created and Dr. Varsha Vahini has been assigned with the responsibility of the HoD.
9	Any other matter with the permission of the Chair 1. Withdrawal/Refund Policy for the Academic session 2017-18. 2.. Approval of Intake and Fee Structure for various UG/PG Programs to be offered	1. Board approved adoption of the withdrawal/refund policy specified in UGC Regulation, 2016 for the academic session 2017-18. 2. Approval of Intake and Fee Structure for various UG/PG Programs to be offered during the academic	The Fee Refund policy has been further modified by the UGC vide their Regulation Dated 06.12.2016 which was taken up for consideration in the Governing Body meeting held on 15.12.2016 and approved for adoption. The Governing has approved the same and it is incorporated in the Admission

	during the academic session 2017-18. 3. Research and Innovation Incentive Scheme for Faculty Members for Research Publication/Patents	session 2017-18 3. Board approved the above proposal	Brochure-2017-18. The Policy is circulated among the faculty of all the Departments of the University
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Decision: The Board took the Action taken Report on record.

5.4 Matter for information

i) Appointment of Deans and Heads of the Departments

The Board was informed that Deans & HoDs of the University were appointed w.e.f. 01.04.2015 with the approval of the Board of Management vide Order dated 16.03.2015, The term of the Deans and HoDs has been prescribed as 2 years in the First Statutes of the University, which had become over for majority of members in April this year. Accordingly, the appointment of Deans & HoDs, who had completed two years was taken up once again and the following Faculty Members, assigned with the responsibility of Dean & HoDs were re-nominated as member of the Board for another term of 2 years and some new faculty members were appointed as Head of the Departments, as indicated against their names.

Deans (Re- appointed):

- | | |
|-----------------------------------|-------------------------------|
| 1 Prof (Dr.) Meenakshi S. Khurana | : Dean (Academic) |
| 2. Prof. (Dr.) B.M Bahal | : Dean (App. Sci. & Research) |
| 3. Prof. (Dr.) M.R Tyagi | : Dean (Engineering) |
| 4. Dr. Sangeeta Banga | : Dean, Students Welfare |

Head of Departments

Re-appointed:

- | | |
|-----------------------|----------------------------|
| 1. Dr. Megha Mittal | : HOD, Dept. of Chemistry |
| 2. Dr. Haidar Abbas | : HOD, Dept. of Physics |
| 3. Shri Jaideep Singh | : HoD, Dept. of Humanities |

Appointed:

- | | |
|------------------------|-----------------------------|
| 1. Dr. Babita Parashar | : HoD, Dept. of Education. |
| 2. Dr Y.k. Awashthi | : HoD, Dept. of E & C Engg. |
| 3. Dr. Sujata Nayak | : HoD, Dept. of Mech. Engg. |
| 4. Dr. A.K. Awashthi | : HoD, Dept. of Mathematics |
| 5. Dr. Varsha Vahini | : HoD, Dept. of Law |

Board was of the view that the Dean, Faculty of Law should also be appointed. It was resolved that the Dean (Academics) may assigned with this responsibility of the Dean, Faculty of Law till such time a new Dean for the Faculty of law is appointed.

ii) Faculty members Joined/Resigned from the Service since 01.10.2016 onwards.

The Board was informed that during the last 7 months, 13 faculty members Professor-2 (Mechanical-1, Law- 1), Associate Professor - 2 (ECE-1, Law-1) and Assistant Professor-09 (Physics-2, Chemistry -2 Law -4, B. Ed -1) and one Dy. Registrar (Admin.) have joined the university and Assistant -08 (ECE- 5, ME-1, Chemistry-2) Associate Professor-1 (ECE -1) and one Workshop Attendant have resigned from their posts for their personal reasons and relieved from the university.

iii) Students Achievements

It was submitted for information of the Hon'ble members that students of the University participated in various events organized by other institutions/organizations from time to time during the last seven months and achieved distinction in many activities/events. The highlights of the same are mentioned hereunder for information and record.

- Team **“TECHSPIRITS”** comprising of Vansh Mudgil, Tarun & Abhijeet (ME 8th sem) participated in **Valeo Innovation Challenge 2017 organised by Valeo Ltd Paris** and have been shortlisted as semifinalists. **Total of 1628 teams participated across the globe and out of these only 24 made it through the semifinals.** All the selected teams will be provided with the grant of **€5,000 to develop the prototype.** Team submitted the concept under the mentor ship of Dr. Y.K Awasthi (Associate Prof. ECE Department-MRU) and Final round of the competition will take place at Paris in October.
- **In September, 2016,** Neeraj Saini of ECE was invited by **University of Pennsylvania** to participate in **Fall's Penn Apps event.** He attended the same followed by another event **HackMIT organized at Massachusetts Institute of Technology.** He received funding of **USD 500 from University of Pennsylvania** to attend the event.
- **In September, 2016,** Neeraj Saini of ECE was invited to showcase his R&D work at the **HUB week. Founded by The Boston Globe, Harvard University, MIT** and Mass General Hospital, HUBweek is a first-of-its-kind civic collaboration that brings together the most creative and inventive minds making an impact in Boston and around the world.

- **Neeraj Saini of ECE has been recognized as one of the world finalists for the Tomorrow challenge 2016**, a global event for most promising Science Technology projects and Startups. The event was held at **Paris in the month of October**.
- **Team Grivaditi, Eye Luminatae from MRU got the Jurry's choice award in Yahoo Accenture innovation Jockey's Season 5 held in October,2016 at Bangalore.**
- Three teams from MRU, **Team Path Finders (Alpana (ECE) & Nidhi Goel (CSE)), Team E2 (Vikrant Prashar (ME)) & Team MANAS (Kapil Tewatia (ME))** got shortlisted for the finals under different categories of Yahoo Accenture innovation Jockey's Season 5 and represented Manav Rachna University.
- **Team CHAIN RXN from MRU (ME Department)** Participated in competition **Efficycle 7** held at Lovely Professional University and was ranked under **top 20 out of 138 total teams** that participated from various institutes of the country.
- Aman Bhardwaj of B.Tech. CSE 2nd year and Yuvan Saluja of B.Tech. CSE 1st year participated in the Extempore held in Students' Pulse session during the 30th TIFAC Foundation Day organized at IIT, Delhi Yuvan Saluja got the 3rd position and received certificate from Dr. Prabhat Ranjan, ED, TIFAC.
- Students of Manav Rachna University participated in a **State Level Event, 'IGNIDEA 2017'** organized by the English Literary Society, the Environment Club and the Planning Forum of DAV Centenary College, Faridabad on 22nd March 2017. Alpana Bhanot (ECE 3rd year) bagged second prize in English Debate Competition. Shailaish Raathi and Shubham Aggarwal(ME 3rd year) won second prize in Quiz Competition.

iv) Placements

MRU received a good response from the corporate world for placement of students of the batch of 2016-17. Corporate faith in the UG and PG programs of MRU saw a good response and support from the recruiters. 28 companies participated in our placement processes and offered job to 137 students out of 233 eligible for placements (58.80%) during the period from July-2016 to March, 2017. Highest

package offered to a student is Rs. 6.80 lacs per annum while Average package remains at Rs. 3.2 Lacs per annum

Decision: The Board took the information on record with the advice that Dean (Academic) should be assigned with additional responsibility of Dean, Faculty of Law till such time a Dean for faculty of law is appointed by the University.

5.5 Matter for ratification

(i) Rationalization of Intake of the UG/PG Programs offered during the Academic years, 2015-16 & 2016-17.

The First enrolment of the Manav Rachna University commenced from the Academic Year 2015-16 based on the intake approved by the AICTE as per the proposal submitted by the Principal /Director of the erstwhile MRCE (now MRU) in respect of all the Engineering and Management Programs (UG/PG). B.Sc. (Hons.) programs in Physics, Chemistry and Mathematics were added as new programs by the University and decided to be offered with intake 40 each in all the three streams.

On closing of the admission process for the year 2015-16, it was found that a large number of seats are still vacant; as a result, a need was felt to review the sanctioned intake keeping in view the admissions made against those seats but this exercise could not be taken up with the Board of Management which is competent to reduce/increase the intake of the Programs. The details of program wise sanctioned intake and admission made in each program during the academic year 2015-16 was placed in the Meeting.

The Academic session 2016-17 started with all the existing UG/PG programs offered during the year 2015-16 with intake placed in the Meeting as per the approval of the Board of Management. Further, three (3) new Master in Science programs i.e. M. Sc. Physics, Chemistry and Mathematics with intake 20 each and five MBA Programs with different specializations and intake varying from 20 to 30 each were started in place of MBA (60) from the Academic session 2016-17 with the approval of the Board of Management & the Government.

Again after the admission process was completed, it was noted that a large number of seats remained vacant in all the disciplines except Computer Science & Engineering which further compelled to think of the review of the intake in proportions of the Admissions made in those programs limiting it to the minimum Unit prescribed for each UG/PG Programs.

To act on it, a meeting of all the Deans of Faculties was held to review the admission status of both the years 2015-16 & 2016-17 and keeping in view the infrastructure available with different Faculties, trend of admission in the various programmes and

response of admission-seekers, it was decided to revise and rationalize the sanctioned intake for various programmes under different Faculties was also provided for perusal.

Since, the University had to submit details of the faculty and the students' intake to the Directorate of Higher Education Haryana, Panchkula, the above exercise was carried out with the approval of the Hon'ble Vice Chancellor/Chancellor.

(ii) Appointment of Faculty and the staff in the University

The Board was informed that recruitment action was started for filling up the vacant faculty positions in the existing as well as newly created academic departments to enable them to cope up with the faculty shortage by notifying the vacancies in the leading news papers as well as uploading of the same on the university website. In order to select the candidates, the interview was held on many occasions by the Selection Committee constituted by the Vice Chancellor.

It may be pertinent to mention here that the Board of Management is the Appointing Authority for the Teaching and Non teaching staff of the University, as per the provisions prescribed in clause 7 (iv) (f) of the First Statutes of the University. Further, Section 17 (4) of the Haryana Private Universities Act, 2006 prescribes that, if in the opinion of the Vice Chancellor, it is necessary to take immediate action on any matter for which powers are conferred on any other authority by or under this Act, he may take such action as may deem necessary and shall at the earliest opportunity thereafter report his action to such officer or authority as would have been in the ordinary course dealt the matter.

Based on recommendations of the Selection Committees, the following persons were appointed with the approval of the Vice Chancellor and appointed to the positions of Professor, Associate Professor and Assistant Professor from the date indicated against their names.

S. No.	Name	Post	Dept.	D.O.A
1	Dr. Rajeev Nandan Rai	Professor	ME	03.10.2016
2	Dr, Anju Kumari	Asst. Professor	Phy.	09.01.2017
3	Dr. Charu Pathak	Asst. Professor	ECE	02.01.2017
4	Dr. Versha Vahini	Asst. Professor	Law	03.01.2017
5	Dr. Deepti Maikhuri	Asst. Professor	Phy.	23.01.2017
6	Dr. Priti Gupta	Asst. Professor	Chem.	23.01.2017
7	Dr. Patrali Banerjee	Associate. Professor	Chem	20.02.2017
8	Piyanka Maderna	Asst. Professor	Law	15.04.2017
9	Akanksha Jumde	Asst. Professor	Law	10.04.2017
10	Aditi Chaudhary	Asst. Professor/LO	Law	03.04.2017
11.	Dr. Tarundeep Kaur	Asst. Professor	Law	03.04.2017
12	Dr. Kiran Gupta	Asst. Professor	B. Ed.	03.04.2017
13	Dr. Jose P. Verghese	Professor	Law	10.05.2017
14	Garima Yadav	Asst. Professor	Law	10.07.2017*

Board of Management was requested to ratify the action taken by the University.

Decision: The Board ratified the rationalization of Intakes as proposed and appointments of faculty in different streams made by the University.

5.6 Approval of the decisions of the Academic Council taken in its Fourth meeting held on 12.04.2017.

The Board was informed that fourth meeting of the Academic Council was held on 12.04.2017 to discuss various academic issues. The details of the Agenda which were taken up for discussion and the Decisions taken thereon are reproduced for ready reference:

S. No	Agenda	Decisions/Recommendations
1	Opening remarks by the Chairman	-
2	Confirmation of the Minutes of the last meeting of the Academic Council held on 20.10.2016.	Academic Council approved the Minutes of the last meeting.
3	Action Taken Report on the decisions taken in the Second meeting of the Academic Council.	Academic Council took the Action Taken Report on record
4	Matter for information a) Constitution of Board of Studies and Board of Faculties for the Department of Education b) Students Achievements	Academic Council took all the information on record.
5	Matter of Ratification a) Admissions of Mr. Mudit Bhandari and Ms. Prerna Sharma through Migration in B.Tech, CSE, 2nd Semester	Academic Council ratified the admissions.
6	Approval of Panel of Experts for the Department of Education.	Academic Council approved the panel of experts for the Department of Education..
7	Approval of admissions made under Ph.D. Programs	Academic Council approved the admissions of 26 candidates under the Ph.D. programs.
8	Approval of Program Structure and Syllabus for the B.Ed. & Integrated B.Ed. programs	Academic council approved the program structure and syllabus for the B.Ed. & B.A./B.Sc.B.Ed. programs.
9	Approval of Massive Online Courses to be offered by the University as per the MHRD	Academic council approved the same

	guidelines on the subject matter	
10	Approval of format of Degree Certificate for UG/PG Programs	Academic council approved the format of the Degree Certificate.
11	Any other matter with the permission of chair.	-

Board of Management was requested to approve the decisions/recommendations of the Academic Council of the University.

Decision: The Board approved the decisions of the Academic Council.

5.7 Consideration of the recommendations of the Finance Committee made in its meeting held on 09.05.2017.

The Board was informed that Sixth meeting of Finance Committee was held on 09.05.2017 wherein, decisions on financial matters were taken. The minutes of the meeting of the Finance Committee was **tabled** in the meeting.

The Board deliberated over the proposed budget for the year 2017-18 and was very particular about the projected deficit of approximately Rs. 12 Crs. and therefore, suggested that there is a need to have a relook on the proposed expenditures and to reduce the deficit by reducing the expenditure.

Decision: The Board accepted the recommendations of the F. C. with the advice to review the proposed expenditure in context to receipts prior to its submission to GB for approval.

5.8 Approval of Annual Report of the University for the Year, 2015-16

The Board was informed that, as per the provision under the section 42 of the Haryana Private Universities Act, 2006 and amended from time to time, Annual Report of the University shall be prepared by the Board of Management which shall include among other matters, the steps taken by the university towards the fulfillment of its object and shall be approved by the Governing Body. The copies of the Annual Report shall be submitted to the sponsoring body and also presented to the Visitor and the Government. In order to prepare the report, a committee headed by the Dean Academic with four other members was constituted.

The draft Annual Report, recommended by the Committee and okayed by the Hon'ble Vice Chancellor was placed before the Board for consideration. The Board after deliberation approved the Draft Annual Report for submission to the Governing Body.

Decision: The Board approved the Annual Report (2015-16) for onward submission to the Governing Body for their approval.

5.9 Institution of Medals & Awards

The Board was informed that the University intends to encourage and honour the students who have achieved the academic proficiency/have emerged as Leaders to motivate others or have attained national/international recognition bringing laurels to the Institution or have been outstanding achievers in the area of Research, Sports, Creative Arts and Community Service. It is proposed to institute the following medals and awards, which shall be given at the time of Convocation.

(i) **President Medal**- This medal will honour a student who has evidenced significant achievement at International Level in the following areas:

- | | | |
|--------------------------|-----------------|------------------|
| 1. Research | 2. Sports | 3. Creative Arts |
| 4. Community Involvement | 5. Professional | |

(ii) **Vice President Medal**- This medal will honour a student who has evidenced significant achievement at national Level in the following areas:

- | | | |
|--------------------------|-----------------|------------------|
| 1. Research | 2. Sports | 3. Creative Arts |
| 4. Community Involvement | 5. Professional | |

(iii) **Patron Medal** - Awarded to a female student who best exemplifies the attributes of engaged leadership; inexhaustible optimistic aptitude about challenges and opportunities, integrity, courage and honesty.

(iv) **Vice Chancellor Medal** - This medal will honour a student who has the best academic record (highest CGPA / %) in the University examinations across all UG programmes offered by the University.

(v) **Academic Proficiency Medal** - Awarded to highest scorer in the program.

(vi) **Student Leadership Medal(s)** - Awarded to student(s) who has / have evidenced ability to motivate other students and has/have successfully lead teams for specific organizational goals.

(vii) **Outstanding Achievers Awards in the Area of:**

- | | | |
|--------------------------|------------------------------|------------------|
| 1. Research | 2. Sports | 3. Creative Arts |
| 4. Community Involvement | 5. Best Internship/Placement | |

Students shall be asked to self- nominate themselves in a prescribed Form for the category **i, ii, iii, vi & vii** and submit relevant documents for building their case. **The students applying for the award should be eligible for conferment of degree** in the said convocation.

The decision regarding the Medals/Awards shall be taken by a committee constituted by the Vice Chancellor which shall comprise the following officers:

- | | | |
|-------------------------|---|--------------|
| 1. Pro- Vice Chancellor | : | Chair Person |
| 2. All the Deans | : | Members |

3. Proctor : Member
4. Registrar : Members Secretary

As per the provision in clause 7(iv)(p) of the First Statute of the University, the Board of Management has the power to institute fellowship, scholarship, studentship, **awards**, prizes etc. Further, the Provisions under the clause 8 (iv)(e) of the statute prescribes that Academic Council may frame regulations as are consistent with the statutes and ordinances regarding the award as above.

Decision: Board approved the Institution of above Medals & Awards.

Supplementary Agenda

SA.5.1 Approval of the decisions of the Academic Council taken in its Third Meeting held on 20.10.2016.

The Board was informed that third meeting of the Academic Council was held on 20.10.2016 to discuss various academic issues. The details of the Agenda which were taken up for discussion and the Decisions taken thereon are reproduced here-under for reference:

S.No	Agenda	Decisions/Recommendations
1	Opening remarks by the Chairman	-
2	Confirmation of the Minutes of the last meeting of the Academic Council held on 13.01.2016.	Academic Council approved the Minutes of the last meeting.
3	Action Taken Report on the decisions taken in the Second meeting of the Academic Council.	Academic Council took the Action Taken Report on record
4	Matter for information a) Faculty Achievements b) Students Achievements c) MoUs / Agreements/ Collaborations d) Important Events:	Academic Council took all the information on record.
5	Approval of Research Supervisors	Academic Council approved the allocation of Research Supervisors.
6	Approval of Admissions made to the UG/PG Programs for the Academic Session, 2016-17.	Academic Council approved the admissions made in all the UG & PG programs for the

		Academic Session, 2016-17.
7	Admission policy for ongoing B.Tech. B.Tech (Lateral), M.Tech., B.Sc. (H), BBA and M.Sc. programs for the Academic Session, 2017-18.	Academic Council approved the proposal..
8	Policy for admission to B.Ed. & Integrated B.Ed. programs.	Academic Council approved the same.
9	Introduction of a new PG Program Master of Arts in Education M.A.(Education)	Academic Council approved the above
10	Introduction of LLB (3 years), B.A.L.L.B (5yrs), BALLB (5yrs) and B.Com. LLB(5 yrs) Programs from the Academic session,2017-18.	Academic approved the proposal to start all the Law programs.
11	Approval of Regulation on Unfair means in the Examination	Academic Council approved the above Regulation with modification that “Unfair Means Committee” should be substituted with the “Committee for prevention of unfair means” at all the places in the Regulation.
12	Approval of Regulation on prevention of Plagiarism in Research Work	Academic Council approved the above Regulation on prevention of Plagiarism in Research Work.
13	Reorganization of Master in Business Administration (MBA) Programs	Academic Council approved the proposal.
14	Any other matter with the permission of chair. Approval of Program Structure & Syllabus for B. Tech. Computer Science & Engineering and Information Technology.	Academic Council approved the syllabus and program structure of B. Tech. Computer Science & Engineering and Information Technology.
S.A.1 Approval of Admission Brochure for the Academic Year 2017-18		Academic Council approved the same
S.A.2 Introduction of New B. Tech. Program, Industrial Engineering & Mgt. from 2017-18		Academic Council approved the same.

S.A.3 Approval of Program Structure & Syllabus for First year of the BBA and MBA Programs	Academic Council approved the syllabus and program structure of MBA & BBA 1 st semester.
S.A.4 Approval of Program Structure & Syllabus for B. Sc. (Hons.) & M. Sc. Programs - Physics, Chemistry and Mathematics.	Academic Council approved the syllabus and program structure of B.Sc (Hons.) and M.Sc.

Consequent upon approval of the Academic Council for starting the LLB (3yrs), BA LLB(5yrs) BBALLB(5yrs) & B.CoM. LLB (5yrs) from the session 2017-18, a decision was taken by the university to offer all the three Integrated Programs of 5 years duration as Honors programs and keep the three years L.L.B. program in abeyance for the time being. Accordingly, proposal for seeking approval from the BCI was prepared and submitted to them on 29.12.2016. The BCI committee has visited the campus on 10th May, 2017 for the purpose and their approval is awaited. The Minutes of the Academic Council was placed in the meeting for reference.

Decision: Board approved the decisions of the Academic Council and ratified the decision of the University for starting all the three integrated programs as Honors programs and keeping in abeyance the 3 years LLB program which may be taken up later.

SA 5.2 Creation of Centre of Environmental Sciences

It was submitted that keeping in view the mission statement of the university, "***To develop Environment and Sustainable development as a thrust area of research and development***", it is proposed to create a Centre, namely, Centre of Environmental Science. The Centre shall work on ***multidisciplinary projects*** and ***offer various courses (compulsory and elective)*** related to Environment and Sustainability across all the programmes. These elective courses shall ***strengthen the Choice Based Credit System*** of the University. ***The department shall currently not offer any degree awarding programme; it shall organize certificate courses, summer schools etc.***

The University has already been offering the following courses related to Environment :

- **Environmental Studies:** Compulsory subject at UG Level: As per UGC guidelines, Six Months Core Module Syllabus on Environmental Studies is compulsory for UG course in all branches of higher education and also to create awareness among the students population for preservation of environment.
- **Environmental and Sustainable Development:** Compulsory basket of elective subjects based on the theme currently being offered at B Tech & B Sc level.

- **Sustainability Strategies:** The online course Sustainability Strategies (Purdue University) which had been offered across all the B Tech branches of 2015 batch was revamped into local and Indian context and offered to 2015 B Sc. batch also. This shall be one of the elective courses offered under previously stated elective basket for 2016 and onwards batches.

Currently, the teaching load allocation for these courses is being shown under the Department of Chemistry. Ms. Meena Kapahi is the only faculty from the Environmental Sciences background. The above courses were being taken up by her and by faculty members from the Department of Education. Now, with the expansion of the University Programmes and increasing number of students, we need to make provisions for experts offering these courses. Considering the start of UG programmes in Law as well as Education, we shall currently **need 2 additional faculty members from Environmental Sciences background.**

The newly proposed Centre of environmental Sciences with a pool of faculty members from different disciplines shall encourage several individual and collaborative interdisciplinary research work with sister departments of the University and other national/international research institutes. Research grants and funding options are available for projects having regional, national and international importance, from various agencies like Department of Science and Technology (DST), Department of Bio-Technology (DBT), Ministry of Environment, Forests and Climate Change (MoE FCC). The department shall apply for the research grants and encourage students' participation in the national and international competitions and on various live projects based on the local environmental issues. Board deliberated over the issue and was of the view that this be reconsidered.

Decision: The Board deferred the decision with the advice to the Vice Chancellor to reconsider the issue of forming a Centre of Environment Science.

SA 5.3 Policy for 'Semester Withdrawal' on a case to case basis

Manav Rachna University has adopted Choice Based Credit System and the student performance is continuously assessed, with less weightage for end semester examinations as compared to conventional examination system. University attendance rules require 75% attendance in a course to be eligible for taking the end semester examination of that particular course.

Many students, under different circumstances have been found to be submitting applications for taking a break of a semester, popularly termed as 'Semester Withdrawal'. This facility is offered by many institutions including IIT Delhi. It is proposed that Manav Rachna University may also make a provision of 'Semester Withdrawal' to be allowed under exceptional circumstances on a case to case basis.

Students who shall opt for semester withdrawal may join the Programme in the next semester and register for courses being offered in the semester subject to fulfillment of prerequisite conditions which shall be decided separately.

The Members deliberated over the issue and majority of members were of the view that more discussion required before accepting it as policy as this will also make an impact on sister institutions, where student shall start asking for similar concessions or benefits. It was therefore, resolved that MRU shall discuss the issue with officers of MRIU and bring it a fresh before the Board, if required.

Decision: Board deferred the proposal for further discussion on the issue and placing before the Board in the Next meeting, if required.

(Dr. K. Singh)
Registrar/Member Secretary

F. No. MRU/BoM (A&M)/2017

Dated 24.05.2017

To,

1. PS to Chancellor for kind information of the Hon'ble Chancellor;
2. Prof. (Dr.) Sanjay Srivastava, Vice Chancellor;
3. Additional Chief Secretary (Higher Education), Old Civil Secretariat, Sector 17, Chandigarh.
4. Dr. Amit Bhalla, Vice President, MREI,
5. Dr. M. M. Kathuria, Trustee, NIT, Faridabad.
6. Dr. N.C. Wadhwa, Vice Chancellor, MRIU;
7. Shri M.K. Miglani, Former Vice Chancellor, KU & HAU, H.N.1161, Sector- 15, Faridabad;
8. Shri Navdeep Chawla, M.D. Psychotropic India Ltd.Faridabad
9. Sh. S.K. Jain, MD, Indo Autotech, Ltd., Faridabad.
10. Prof (Dr.)V.K.Mahna , Pro VC & Dean, Management & Humanities;
11. Prof. (Dr.) Meenakshi S. Khurana, Dean, Academics;
12. Prof. (Dr.) B.M. Behal, Dean, Applied Sciences & Research;
13. Prof. Sangeeta Banga, Director/ Dean, Students Welfare.

Minutes of the Sixth Meeting of the Board of Management held on Wednesday, Dated the September 13, 2017 at 2.30 P.M in the Board Room, A-Block, MRIU Campus, Faridabad.

A meeting of the Board of Management of Manav Rachna University was held on Wednesday, Dated 13.09.2017 at 2.30 P.M in the Board Room, MRIU Campus, Faridabad to consider various administrative, academic and financial matters. The following were present:

1. Prof. (Dr.) Sanjay Srivastava, Vice Chancellor;
2. Dr. Amit Bhalla, Vice President, MREI,
3. Dr. N.C. Wadhwa, Vice Chancellor, MRIU;
4. Dr. M. M. Kathuria, Trustee (special Invitee);
5. Shri M.K. Miglani, Former Vice Chancellor , KU & HAU (Haryana),
6. Prof. (Dr.) V.K. Mahna, Pro V C & Dean , Faculty of Management and Humanities;
7. Prof. (Dr.) Meenakshi S. Khurana, Dean, Academics;
8. Prof. (Dr.) B.M. Behal, Dean, Applied Sciences & Research (Special Invitee)
9. Prof. Sangeeta Banga, Director/Dean, Students Welfare;
10. Shri Rajiv Malhotra, Chief Finance & Accounts Officer (Special Invitee)
11. Dr. Kameshwar Singh, Registrar/ Member Secretary.

Worthy Additional Chief Secretary (Higher Education) or his nominee , Shri S.K.Jain, MD, Indo Autotech Limited, Faridabad and Shri Navdeep Chawla, M.D. Psychotropic India Ltd., Faridabad, who could not attend the meeting due to their other professional engagements were granted leave of absence.

The following are the minutes of the meeting:

6.1 Opening remarks by the Chairman

The Chairman welcomed the Members present in the meeting and said that, the University has progressed well during the last three year of its inception and have been able to achieve relatively better admissions this year. It is almost 40% more over the last year admissions which can be construed as a healthy growth. This year, we have started Law Programs, Advisory Council meeting of which was chaired by Hon'ble Justice R. C. Lahoti. The Law program has been taken well by the aspiring candidates. The Chairman further mentioned that two students of first year, namely, Yasraj and Yuvraj Bhardwaj, who are brothers, have received **THE EAGLE AWARD** from the Govt. of Malaysia which is one of the highest awards of Malaysia. Another student Mr. Kartik Sibbal has received USD 2400 from Google on successful completion of Google Summer Cde 2017 internship.

We are confident to achieve our goal with the hard work and dedication of our faculty and staff in coming years. With these words, the Chairman concluded his remark and requested the Registrar to take up the Agenda of the Meeting. The Registrar took up the subsequent agenda for consideration of the Hon'ble members.

6.2 Confirmation of the Minutes of the last meeting held on 15.05.2017.

The Board was informed that Minutes of the last meeting of the Board held on 15.05.2017 were circulated to all the members vide letter no. MRU/ BoM (A&M)/ 2017, dated 24.05.2017, no comments were received from any one of the members. Copies of the Minutes are placed for perusal of the Hon'ble members with request to confirm the Minutes.

Decision: Board confirmed the Minutes of the last meeting.

6.3 Action Taken Report on the Decisions taken in the Fifth Meeting of the Board.

The Agenda which were taken up in the last meeting, decisions thereon and the action taken by the University on the decisions were placed for information of the Hon'ble members as under:

Sl No.	Agenda	Decisions	Action taken thereon
1.	Opening Remarks by the Chairman	-	No action required
2.	Confirmation of the Minutes of the Fourth meeting held on 21.01.2016	confirm the Minutes of the last meeting	No action was required
3.	Action Taken Report on the Decisions taken in the Fourth Meeting of the Board.	Took the action taken report on record	No action required
4.	Matter for Information i. Appointment of Deans and Heads of the Departments ii. Faculty members Joined/Resigned from the Service since 01.10.2016 onwards. iii. Students Achievements iv. Placements	The Board took the information on record with the advice that Dean (Academic) should be assigned with additional responsibility of Dean, Faculty of Law till such time a Dean for faculty of law is appointed by the University.	The Order regarding appointment of Dean Faculty of Law issued.

5	Matter for Ratification i. Rationalization of Intake of the UG/PG Programs offered during the Academic years, 2015-16 & 2016-17. ii. Appointment of Faculty and the staff in the University.	The Board ratified the rationalization of Intakes as proposed and appointments of faculty in different streams made by the University.	No action required
6.	Approval of the decisions of the Academic Council taken in its Fourth meeting held on 12.04.2017.	The Board approved the decisions of the Academic Council.	Actions were taken accordingly.
7	Consideration of the recommendations of the Finance Committee made in its meeting held on 09.05.2017.	The Board accepted the recommendations of the F. C. with the advice to review the proposed expenditure in context to receipts prior to its submission to GB for approval.	The Budget was reviewed and revised one was placed before the Governing Body . GB approved the same
8	Approval of Annual Report of the University for the Year, 2015-16	The Board approved the Annual Report (2015-16) for onward submission to the Governing Body for their approval.	Annual Report was submitted in the fourth Meeting of the GB which approved the same.
9	Institution of Medals & Awards	Board approved the Institution of above Medals & Awards.	Institution of Medals and awards notified, to all concerned Depts. Action will be taken accordingly.
Supplementary Agenda			
1	Approval of the decisions of the Academic Council taken in its Third Meeting held on 20.10.2016.	Board approved the decisions of the Academic Council and ratified the decision of the University for starting all the three integrated law programs as Honors programs and keeping in abeyance the 3 years LLB program which may be taken up later.	Admissions in Law programs during 2017-18 were made accordingly.
2	Creation of Centre of Environmental Sciences	The Board deferred the decision with the advice to the Vice Chancellor to reconsider the issue of forming a Centre of Environment Science.	Matter is under consideration.
3	Policy for 'Semester Withdrawal' on a case to case basis	Board deferred the proposal for further discussion on the issue and placing before the Board in	It was discussed and resolved that both the Universities shall

		the Next meeting, if required	examine such cases on case to case basis.
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Decision: Board took the Action taken Report on record.

6.4 Matter for information

i) Appointment of Dean for Faculty of Law

Prof. (Dr.) Meenakshi S. Khurana Dean, Academic has been assigned with the additional responsibility of the Dean, Faculty of Law. Vide order dated 01.06.2017 as decided by the Board in its Fifth Meeting held on 15.05.2017.

ii) Faculty members Joined/Resigned from the Service since 16.05.2017 onwards.

The Board was informed that during the last 4 months, 08 Faculty Members (Associate Professor-2 and Assistant Professor-06) have joined the university in different streams. 18 Faculty Members (P-1, Assoc. P. 1 & Asst. P- 16) hailing from the different streams have resigned from their posts for their personal reasons and relieved from the University. Besides, 2 Non Teaching staff has also left the organization.

iii) Courses approved by the Academic Council:

Board was apprised that Academic Council in its Fifth Meeting held on 08.09.2017 has approved the following courses which would be offered to the students in all the UG Programs

a) Introduction of Manav Rachna Life Skill Program

MRU is committed to provide opportunities to students for engaging in various activities. To emphasize the importance of the Co and extracurricular activities, university has formalized the participation in such activities and introduced award of credits. Detailed scheme was placed for perusal. Dean Academic explained the whole scheme and its objective to the Board. It was advised by the board that if any Workshop was nweeded further, it should be organized.

b) Compulsory implementation of Module Syllabus on Environmental Studies for undergraduate courses of all the branches.

Hon'ble members were apprised that, as per the directive of the Hon'ble Supreme Court, University grants Commission has framed module syllabus for Ability Enhancement Compulsory Courses (AECC-Environmental Studies) under CBCS and asked the institutions to take appropriate steps for its implementation.

The Dept. of Chemistry, which is offering Environmental Studies to all the branches, has proposed a scheme keeping into view the UGC guidelines for its implementation from the current academic session, 2017-18, Module syllabus for Environmental Studies was placed in the meeting for perusal .

iv) Admissions made under UG/PG Programs for the Academic Session 2017-18.

The Board is informed that the Counseling for admission to technical and professional courses conducted from June 10, 2017 to August 31, 2017. As far as non professional & non technical courses, it is still in progress, as per the schedule specified in the Admission Brochure. The total 587 admissions made so far in all the UG/PG Programs till 31.08.2017. The break up is as follows:

i) B.Tech.	- 251	v). M. Tech.	- 01
ii) B.Sc.(Hons.)	- 51	vi). M. Sc.	- 38
iii) BBA	- 99	vii) B. Ed & Integrated B. Ed	- 57
iv) Law (Hons.)	- 90		

All the admissions have been approved by the Academic Council.

v) Students Achievements

It was submitted for information of the Hon'ble members that students of the University participated in various events organized by other institutions/organizations from time to time during the last four months and achieved distinction in many activities/events. The highlights of the same were mentioned for information and record.

- **Akshita Sachdeva**, CSE 2012-16 Batch honored with the Geek Goddess by Techgig in March 2017 (*Techgig* is India's largest online tech Community, where you can learn, update your skills, compete with fellow techies and get your dream job.) Akshita is Joining **Northeastern University** for pursuing her **Masters in Computer Science**.
- Team "**TECHSPIRITS**" comprising Vansh Mudgil, Tarun & Abhijeet (ME 8th sem) shortlisted **as semifinalists for Valeo Innovation Challenge 2017 organised by Valeo Ltd Paris** and recieved the grant of **€5,000 to develop the prototype**. Team has successfully submitted the prototype on 13th July and results are awaited for finals to be held in October, 2017.
- Kartik Sibal, B, Tech CSE 5th Semester has successfully completed Google Summer of Code 2017 internship, contributed to the open source project "AboutCode" and received 2400 USD.

- Akash Kaliraman, Chairperson MRU IEEE was awarded with prestigious Dr. JK Pal Memorial award. Divesh Popli, Vice Chairperson of MRU IEEE was awarded with Dr. JK Pal Memorial Best Student Volunteer Award and Raashi Gupta Chairperson of MRU IEEE WIE was awarded with the Outstanding Student Volunteer Award.
- Manav Rachna Leo club received appreciation award from The International Associations of Lions Clubs District 321-A1 for organizing Blood donation Camp and offering its services to the society through various social initiatives for the year 2016-17
- Two teams from MRU were shortlisted for the National Finals of Imagine Cup 2017. Team Cannons comprising Nishu Goel and Manish Batra of IT for their project ruSafe: Public Safety app and Team Cronos comprising Aakash Lohan, Anjan Kar and Rahul Sharma of ECE for their project Klodo.
- Yashraj Bhardwaj & Yuvraj, Bhardwaj B.Tech CSE 1st Semester have got "The Eagle Award" from Government of Malaysia. This is one of the highest awards in Malaysia by Government, announced on the Independence Day.

Decision: Board took the above information on record.

6.5 Matter for ratification

(i) Increase/Decrease in Intake of some of the UG Programs for the Academic year 2017-18.

Hon'ble members were informed that prior to start of the counseling for admission to the UG/PG programs, a review was made in consultation with the Deans & HoDs with regard to the existing intake of UG programs approved by the Board for the academic year 2017-18 and on the basis of inputs received from the marketing team and the Faculty, it was decided to increase/decrease the intake in some of the Programs with the approval of the Competent Authority. Besides, minimum eligibility condition for admission to B.Tech programs that was kept as 60% aggregate also reduced to 50 %. The detail of the programs and the revised intakes are given hereunder:

S.No	Name of the Programme	Existing Intake	Revised Intake
1	Computer Science & Engineering	180	240
2	Mechanical Engineering	120	60
3	BBA (Finance and Accounts)	40	90

The numbers in BBA have been proposed in multiples of 30 as UGC has 1:30 teacher student norm at UG Level.

(ii) Appointment of Faculty and the Staff in the University

The Board was informed that recruitment action was started for filling up the vacant faculty positions in the existing as well as newly created academic departments to enable them to cope up with the faculty shortage by notifying the vacancies in the leading news papers as well as uploading of the same on the university website. In order to select the candidates, the interview was held on different dates by the Selection Committee constituted by the Vice Chancellor.

Based on recommendations of the Selection Committees, the following eight persons were issued the offer of appointment with the approval of the Vice Chancellor. Two were appointed to the position of Associate Professor and Six (6) as Assistant Professor from the date indicated against their names.

S. No.	DISCIPLINE	NAME	DESIGNATION	D.O.J
1	Law	Dr. Parul nagar	Associate Professor	03.07.2017
2	Law	Garima Yadav	Assistant Professor	11.07.2017
3	Chemistry	Dr. Ekta Rawat	Assistant Professor	29.07.2017
4	Chemistry	Dr. Roopa Rani	Assistant Professor	16.08.2017
5	CST	Lavanya Sharma	Assistant Professor	24.07.2017
6	Physics	Dr. Anshuman Sahai	Assistant Professor	25.07.2017
7	Chemistry	Dr. Shagufta	Assistant Professor	16.08.2017
8	Education	Dr. Rashee singh	Associate Professor	28.08.2017

The CVs of the candidates, the copies of their appointment order and joining reports were placed before the Board for their perusal.

It may be pertinent to mention here that the Board of Management the Appointing Authority for the Teaching and Non teaching staff of the University, as per the provisions prescribed in clause 7 (iv) (f) of the First Statutes of the University. Further, Section 17 (4) of the Haryana Private Universities Act, 2006 prescribes that, if in the opinion of the Vice Chancellor, it is necessary to take immediate action on any matter for which powers are conferred on any other authority by or under this Act, he may take such action as may deem necessary and shall at the earliest opportunity thereafter report his action to such officer or authority as would have been in the ordinary course dealt the matter. Accordingly, both the matters were placed before the Board for information and ratification.

Decision: Board of Management ratified the action taken by the University.

6.6 Approval of the Second Ordinance relating to B. Sc (Hons) & M. Sc in Physics, Chemistry & Mathematics, B. Ed and LLB Programs leading to award of Bachelors & Master Degrees.

The Board was informed that MRU is offering B. Sc (Hons) & M. Sc in Physics, Chemistry & Mathematics, B. Ed, BA /B.Sc. B. Ed and Law (BA LLB, B.Com LLB, BBA LLB) Programs for which ordinances are to be made and to be got approved from the Govt. Accordingly, the Second Ordinance relating to Bachelor of Science, Master of Science, Bachelor of Education and Bachelor of Law Programs leading to award of Bachelor & Master Degrees duly recommended by the Board of Studies & Board of Faculties of the concerned departments were placed before the Academic Council in its meeting held on 08.09.2017 as per the provisions in the Act/Statutes for their consideration. The AC has approved the same with some modifications for placing before the Board of Management. The modified draft of the Second Ordinance were tabled in the meeting for consideration of the Board.

It was submitted for information that the Board had already approved the First Ordinance relating to award of degree of B. Tech, M. Tech., MBA & Ph.D., which is under approval of the Government and to be notified in the Gazette. Matter is being pursued with the DHE for early action in the matter.

Board of Management is the Competent Body to approve the same for submission to the Govt. for their approval and gazette notification as per the provisions envisaged in the Act/Statutes.

Decision: Board approved the Second Ordinance (Annexure-I) for submission to the Govt. for their approval and Gazette notification

6.7 Introduction of new UG & PG Programs from the Academic Session 2018-19.

The Board was informed that with a view to enhance the quality and growth of the professional education, which in turn may bring in more aspirants through various programs in coming years, the following programs are intended to be offered under various Faculties/Departments from the Academic Session 2018-19:

S. No.	Name of Department	Name of Program	Duration	No. of Seats	Eligibility Criteria
1	Department of Computer Science & Technology	B.Tech. in Computer Science & Engineering with Specialization in Data Science	4 Years	30	Candidates having passed 10+2 Examination from the CBSE/State Boards or from any other recognized board/Council with at least 65% aggregate marks in 5 subjects with Physics, Mathematics and English as compulsory subjects.

2	Department of Electronics & Communication Engineering	B. Tech. in Electronics and Computer Engineering	4 Years	30	Candidates having passed 10+2 Examination from the CBSE/State Boards or from any other recognized board/Council with at least 50% aggregate marks in 5 subjects with Physics, Mathematics and English as compulsory subjects.
3	-Do-	M. Tech in Embedded System & VLSI	(Full time) 2 Years	18	BE/B.Tech in Electronics & Communication Engineering, Electrical & Electronics Engineering, Electronics & Computer Engineering and MSc. Electronics/Applied Electronics with minimum 55% marks
4	-Do-	M. Tech in Embedded System & VLSI	(Part Time) 3 Years	10	BE/B.Tech in Electronics & Communication Engineering, Electrical & Electronics Engineering, Electronics & Computer Engineering and MSc. Electronics/Applied Electronics with minimum 55% marks
5	Department of Management & Commerce	BBA (Operations Management with specialization in Supply Chain Management, Logistics and Project Management)	3 Years	60	Candidates having passed 10+2 Examination from any recognized Board with 50% or more marks in aggregate.
6	Department of Law	Ph.D in Law	3 Years	30 Rolling Intake	As for other Ph. D Programs, prescribed in the Ordinance
7	-Do-	Masters of Law (LL.M.) in four different specializations viz.. IPR, Human Rights, International Arbitration and Corporate Law	1 Year	20	Having passed LLB with minimum of 50% marks in aggregate.

8	-Do-	Post-Graduate Diplomas (PGDs) in Two Areas.e. Criminal Procedure and Practice and Construction Law.	6 Month	50 in each area	Graduate in any discipline with 50% marks in aggregate.
9	-Do-	Professional Paralegal Certificate Course (PPCC)	3 Month	50	Having passed senior secondary examination with 50% marks in aggregate

Highlights of the programs are as follows:

- **B. Tech in Computer Science & Engineering with Specialization in Data Science.**

This program will be a modern degree designed to meet the increasingly aggressive demand for qualified data scientists virtually in every sector of the economy. This program is offered by limited Institutions.

- **B. Tech. in Electronics and Computer Engineering**

This program is running well in a number of other universities and seems to be in demand by the students as well as industry.

- **M. Tech in Embedded System & VLSI (Full Time)**

This type of course is not offered by any other institution in our vicinity. Moreover, as per the current trend gadgets/equipments that we use in daily life is based on the technology used in Embedded System & VLSI design. The candidates who wish to opt for higher studies with objective to enhance their employability & perks in the industry may choose this Full-Time course. It also gives them an opportunity to pursue the research in their area of interest.

- **M. Tech in Embedded System & VLSI (Part Time)**

M. Tech in Embedded System & VLSI part time helps the working professionals in their career progression. Such professionals from the industries and other organization may join part time program.

- **BBA (Operations Management with specialization in Supply Chain Management, Logistics and Project Management)**

The Program aims to provide an opportunity for Global professional certification by APICs /PMI. Further, it helps to makes foundation of knowledge and skills for successful logistics and supply chain operations, information management and customer service, warehousing and inventory control, purchasing and supply chain

operations, transportation services, transportation rates, tariffs, and carrier liability. The student pursuing the program has option to make their career in Customer Service, Purchasing, Supply Chain Operations, Warehouse Operations, Inventory Control, Transportation Services, and Transport Operations etc.

- **Post-Graduate Diplomas (PGDs)**

Criminal justice delivery system has assumed significance of late, in view of the changes made in the criminal laws. Also the criminal cases against high profile persons has invited common man's attention towards the issues involved in criminal procedure and practices. **The Construction Law** relates to tender and bidding processes undertaken by the governmental agencies.

- **Professional Paralegal Certificate Course (PPCC)**

This course is intended to offer basic understanding about para-legal work involved in legal practice. It will primarily focus on study of procedural laws, practices and basic research tools. Paralegal work force is in great demand at law firms, NGOs, Lawyers' chambers, corporations/ companies and court rooms. They are also required in government departments and policy research and teaching institutions.

All the above programs have been duly deliberated in the Board of Studies and Board of Faculties of the Department concerned and on the basis of the recommendation made by the Departmental Bodies, the matter was placed before the Academic Council in its meeting held on 08.09.2017.

It was further deliberated by the Academic Council and approved with some suggestions to Law Department in respect of their programs and recommended for approval of the Board of Management.

The Proposal for obtaining approval of the Government to start the M.Tech. Full Time program in Embedded System & VLSI under the Electronics and Communication Engineering and Law Programs excluding Ph. D. shall be submitted after the approval of the Board.

The proposal was deliberated at length and the following observations were made:

- (i) B.Tech. in Computer Science & Engineering with Specialization in Data Science : The Members were of the view that tis program should have different specialization.Maybe Business Analutic & data Science.After deliberation ,it was resolved that The Program shall have the nomenclature” **B.Tech. in Computer Science & Engineering with Specialization in Data Science and Knowledge Engineering”**
- (ii) Ph. D in Law: Intake was suggested to be modified as” As per availability of the Faculty”

- (iii) Post-Graduate Diplomas (PGDs) in two Areas i.e. Criminal Procedure and Practice and Construction Law & Professional Paralegal Certificate Course (PPCC) were to be dropped.

The Board unanimously approved the above suggestions.

Decision: Board approved the above programs and their intakes except Post-Graduate Diplomas and Professional Paralegal Certificate Course (PPCC). The Specialization for B.Tech. Computer Science was decided to be modified as Data Science and Knowledge Engineering and Intake for Ph.D. Law was decided to be AS per availability of the faculty”.

6.8 Approval of the policy in respect of Intellectual Property Rights covering Patents, Copyrights and Technology Transfer.

The University encourages, facilitates, promotes and safeguards scientific investigation and research and has therefore, prepared a Draft IPR Policy for the University. The draft IPR policy is duly deliberated and framed by a committee headed by the Director, MRIIC. It provides guidelines for making invention and discoveries available to the general public in the interest of the nation at large and aims to lay down the process for promotion and support to innovators of University to translate their creative works in Intellectual Property as well as to set forth guidelines for ownership of IPR developed at University, by the Faculty, those directly or indirectly associated with the University, either in-house or outsourced, seconded or sponsored unless specially covered by a policy to the contrary. A copy of draft IPR Policy was placed for consideration of the Hon’ble Members. Board was also informed that the proposal was also deliberated in the meeting of the Academic Council and recommended by the Council for approval of the Board.

Decision: Board approved the IPR Policy.

6.9 Approval of the Incubation policy to promote new entry into product, processes and services.

The Manav Rachna Innovation and Incubation Center (MRIIC) has been established with a view to cater to the needs of the students and faculty members who are inclined towards research, innovation and novel ideas and is dedicated to founder visionary Dr. O.P. Bhalla. The Centre is encouraging research and entrepreneurship to help the student to develop professional entrepreneurial ability and mindset to set up their own enterprises. In it’s strive to promote entrepreneurship among its faculty and students, the Centre has prepared a draft Incubation Policy for the University to promote new entry into product, processes and services for commercial exploration and the benefit of society . A copy of draft Incubation Policy was placed in the meeting for kind consideration of the Hon’ble Members.

Decision: Board approved the Incubation Policy.

6.10 Approval of the Intake and Fee Structure for the Academic Session 2018-19.

Hon'ble members are informed that on the proposal of the Fee Committee regarding current fee structure for various UG & PG Programs to be offered during 2018-19 has been accepted by the Finance Committee in its meeting held 11.09.2017 and recommended to be placed before the Board for their approval. The Fee Structure for the UG/PG programs as under:-

S. No.	Name of UG/PG Program	Intake	Fee Structure (p.a.)
Bachelor of Technology			
1	B.Tech. CSE	240	Rs.1,80,500
3	B. Tech. ME	60	
3	B.Tech. IE&M	30	
4	B. Tech. in E & CE	30	
4	B.Tech CS with specialization in Data Science & Knowledge Engg.	30	Rs. 2,10,000/-
Bachelor of Technology (Lateral Entry)			
1	B.Tech. CSE	12	Rs. 1,70,000
2	B.Tech. ME	03	
3	B.Tech. IE&M	02	
Master of Technology			
1	M.Tech. CE	18	Rs. 1,05,000
2	M.Tech. ME	18	
3	M. Tech in Embedded System & VLSI (Full Time)	18	
4	M. Tech in Embedded System & VLSI (Part Time)	18	
Bachelor of Business Administration			
1	BBA (Health Care Management) in association with Cygnus Hospitals	30	Rs. 1,60,000
2	BBA (Finance & Accounts) (Note 1)	90	Rs. 1,75,000
3	BBA (Entrepreneurship & Family Business)	30	
4	BBA (Operations Management with specialization in Supply Chain Management, Logistics and Project Management)	60	
Bachelor of Science (Hons.)			
1	B.Sc. (Hons.) Chemistry	50	Rs. 1,05,000
2	B.Sc. (Hons.) Mathematics	25	
3	B.Sc. (Hons.) Physics	25	
Master of Science			
4	M.Sc. Chemistry	30	Rs. 1,05,000
5	M.Sc. Mathematics	20	
6	M.Sc. Physics	20	
Bachelor of Education			
1	B.Ed.	100	RS. 1,05,000
2	B.A. B.Ed. Integrated	50	

3	B.Sc. B.Ed. Integrated	50	
4	M.A (Education)	20	
Bachelor of Law			
1	BA LLb (Hons.)	60	Rs. 1,82,000
2	BBA LLB (Hons.)	60	
3	B.Com LLB (Hons.)	60	
4	LLM	30	Rs. 1,25,000

Decision: Board approved the intake and the Fee structure for the above programs.

6.11 Consideration of the Recommendation of the Finance Committee.

The Board was informed that Seventh Meeting of Finance Committee was held on 11.09.2017 wherein, decisions on financial matters were taken up. The minutes of the meeting of the Finance Committee were tabled in the meeting.

Board considered the recommendation of Finance Committee and approved the same.

Decision: Board approved the Recommendations of the Finance committee.

6.12 Any other matter with permission of the Chair

1. Setting up of Design Atelier under the Dept. of Mechanical Engg.

The Board was informed that MRU intends to set up a Design Atelier to provide an exposure to the students by covering CAD and analysis Software.

It will be very beneficial from the Industry point of view. A detailed view of the Design Atelier was explained by the Pro Vice Chancellor. After deliberation, the proposal was approved by the Board..

Decision: Board approved the proposal. A copy of the scheme approved by the Board is annexed as Annexure-II.

2. Directions of the Government for Admissions and Implementation of Statutory Provisions by the Private Universities in Haryana

The Board was informed that the directions were received from the Principal Secretary Govt. of Haryana, Higher Education Department vide their letter dated 12.05.2017 & 15.06.2017 emphasizing therein the Provisions of Sections 34(c), 35 & 36 of the Haryana Private universities Act, 2006 and asking the Universities to make Admissions as enshrined in the Act.

Section 34(c) of the Act provides for Compulsory Disclosure of the information, Section 35 provides for Mode of Admissions and Section 36 provides for Fee structure to be followed for all the UG PG Programs by the Institutions in general and with regard to 25 %

Admissions made under Haryana Domicile Category in particular. The Section 35 of the Act prescribes that Admissions in the Technical and Professional course shall be made only through entrance test conducted by agency of the state or Association of the Universities. It was therefore, interpreted by the Department of Higher Education that the Entrance Test for the courses which are not in Professional and Technical in nature, cannot be conducted by Individual Private University. It was also mentioned that if the Private University grant admissions in non professional and non technical courses on the basis of marks or grades obtained in the qualifying examination and achievements in co curricular and extra-curricular activities, they are allowed to grant admissions on their own. All the Universities were directed to comply with the above provisions of the Act in later and spirit, any violation these could led to action by the state Govt. u/s 44, 45, 46 of the Act.

Since, the above directions were received in mid of the admission process for the year 2017-18, the matter was taken up with the Principal Secretary to the Govt., Higher Education Department vide our letter dated 16.06.2017, mentioning therein the constraints due to which it may not be possible to go for admissions as per the directions give therein and it was suggested that the implementation of the above provisions be deferred till next Academic Session 2018-19, as this will provide an opportunity to the University not only to form an Association for the purpose but also to work out its strategies for admissions to be made during the next Academic Session. Similar representations were made by the other Private Universities of the State to the Govt., a meeting was also convened in the matter by the Principal Secretary, at Chandigarh, wherein similar views were presented by all the representatives of Private Universities. As a result, the state Govt. agreed to adopt the statutory provisions under Section 35 (2) from the next Academic Session (2018-19), either through an association of the Universities or through an state Agency and communicated the same to all the Vice Chancellors of the State Private Universities vide their memo no 18/24-2016 UNP (5) Punchkula, dated 20.07.2017.

Consequent upon this, the Principal Secretary to the Govt., Higher Education requested Accountant General (Audit), Haryana, to conduct Annual Academic, Administrative & Financial Audit of the six Universities, including Manav Rachna University in the first phase; it was observed that the direction of the Govt. regarding the Audit & Financial Audit in particular was in contravention of the provisions enshrined in the Act and therefore, this was immediately represented by the University vide letter no. MRU/Coressp.-DHE/2016 dated 02.08.2017, mentioning the same and requesting therein that there was need to revisit the Section 43 & 44 of the Act and reconsider the decision to refer the matter to AG (Audit), Haryana. No response to this Communication either from the DHE or from the AG (Audit) Haryana is received till date.

Thereafter, one more communication on the same subject was received from the Principal Secretary to the Govt. Higher Education Department, vide their memo no. 18/24-2016 UNP (5) dated Punchkula 04.09.2017 emphasizing the same points as made in earlier

communication dated 12.05.2017 and asking therein to provide some information such as hard copies of the Annual Return for 2015-16 and 2016-17, list of Teaching Faculty and copies of the Admission Brochure. This was also duly responded vide our letter dated 06.09.2017 stating therein that there is no provision in the Act for providing Annual Return and Admission Brochure, however. Admission Brochures and Statement of Accounts & balance Sheet were provided to the Govt.

In the meanwhile, on an initiative taken by the Hon'ble President MREI, an Association of Private Universities with the name and style of Association of Private Universities in Haryana has been formed and got registered at Delhi of which MRU is also a Member. Further, a meeting of the all the owners of the Private Universities was held on 29.07.2017 at Saket Delhi wherein the following decisions were taken:

- **Mode of Admissions**

it was decided that keeping in view the autonomous structure of private Universities, they may be allowed to make admissions either on the basis of entrance test to be conducted by them at their own level or through central agency at all India level or through a test to be conducted by the Association of self finance Private University. It was also resolved therein that all the Universities shall make a representation individually as well as a Joint representation by the Association to the State Govt. Higher Education Department, will be sent to review the decision contained in the letter no 18/24-2016 UNP (5) dated 15.06.2017.

- **Annual Academic, Administrative & Financial Audit**

It was decided that this matter should be strongly taken up with the Govt. as the decision contained in the Govt. letter dated 20.07.2016 is clearly in contravention of the provisions of the Haryana State Private Universities Act 2006.

In view of the foregoing directions of the Government and representations made by the University as well as by the Association of the Private Universities of the State of Haryana. the proposal of the University (**Annexure-III**) regarding mode of Admissions to various UG / PG Programs during the academic session, 2018-19 was deliberated at length and unanimously approved by the Board.

Decision: Board Approved the Mode of Admission proposed by the University

(Dr. K. Singh)
Registrar/Member Secretary

F. No. MRU/BoM (A&M)/Vol.II/2017

Dated: 18.09.2017

To,

1. PS to Chancellor for kind information of the Hon'ble Chancellor;

Minutes of 6th BoM (13.09.2017)

2. Prof. (Dr.) Sanjay Srivastava, Vice Chancellor;
3. Principal Secretary to Government, Haryana Higher education Department, Room No.606, VI Floor, Haryana New Secretariat, Sector-17, Chandigarh. .
4. Dr. Amit Bhalla, Vice President, MREI,
5. Dr. M. M. Kathuria, Trustee, NIT, Faridabad.
6. Dr. N.C. Wadhwa, Vice Chancellor, MRIU;
7. Shri M.K. Miglani, Former Vice Chancellor, KU & HAU, H.N.1161, Sector- 15, Faridabad;
8. Shri Navdeep Chawla, M.D. Psychotropic India Ltd.Faridabad
9. Sh. S.K. Jain, MD, Indo Autotech, Ltd., Faridabad.
10. Prof (Dr.)V.K.Mahna , Pro VC & Dean, Management & Humanities;
11. Prof. (Dr.) Meenakshi S. Khurana, Dean, Academics;
12. Prof. (Dr.) B.M. Behal, Dean, Applied Sciences & Research;
13. Prof. Sangeeta Banga, Director/ Dean, Students Welfare.
14. Shri Rajiv Malhotra, Chief Finance & Accounts Officer

Minutes of the Seventh Meeting of the Board of Management of the University held on Monday, dated 15.01.2018 at 11.00 A.M in the Board Room, A Block, MRIIRS campus, Faridabad.

A meeting of the Board of Management of Manav Rachna University was held on Wednesday, Dated 15.01.2018 at 11.00 A.M in the Board Room, MRIIRS Campus, Faridabad to consider various administrative, academic and financial matters. The following were present:

1. Prof. (Dr.) Sanjay Srivastava, Vice Chancellor;
2. Dr. Amit Bhalla, Vice President, MREI,
3. Dr. N.C. Wadhwa, Vice Chancellor, MRIU;
4. Shri M.K. Miglani, Former Vice Chancellor , KU & HAU (Haryana),
5. Prof. (Dr.) B.M. Bahal, Dean, Applied Sciences & Research (Special Invitee)
6. Prof. Sangeeta Banga, Director/Dean, Students Welfare;
7. Prof. Jose Varghese, Professor-Emeritus (Special Invitee)
8. Dr. Kameshwar Singh, Registrar/ Member Secretary.

Worthy Principal Secretary (Higher Education) or his nominee, Shri S.K.Jain, MD, Indo Autotech Limited, Faridabad, Shri Navdeep Chawla, M.D. Psychotropic India Ltd., Prof. (Dr.) Meenakshi S. Khurana, PVC / Dean, Academics; Dr. M. M. Kathuria, Trustee (Special Invitee) and Shri. Rajiv Malhotra, Chief Finance & Accounts Officer (Special Invitee) Faridabad could not attend the meeting due to their other professional engagements; they were granted leave of absence.

The following are the minutes of the meeting:

7.1 Opening remarks by the Chairman

The Chairman welcomed the Members present in the meeting and said that, a Centre of Excellence is being established in collaboration with M/s Daikin India Private Limited, the work on which is in progress. The University has also entered into an MOU with M/s Xebia to offer B.Tech. Computer Science Engineering in two different specializations viz. Data Science and Machine Learning and Digital Transformation Engineering. Apart from this, the students pursuing different programmes have done well in the academics as well as in other fields bringing out Laurel and proud to the University. One of our student Ms. Akansha Ahuja of B.tech –CSE (2014-18) who had won the challenge at Belgium, has now been selected for internship at CERN (European Organization for Nuclear Research) most respected accelerator lab in the world. Ms. Mehak Lamba, a student of B.Tech-CSE (2013-17) has been selected as Site Reliability Engineer at LinkedIn with a package of Rs. 10, 20,000 per annum and sign-on Bonus & relocation allowance of Rs. 2 lacs.

He further, said that University organized its first Convocation on December 16, 2017 in which 388 Grandaunds were awarded degree certificates. Two person of Eminence namely, Shri. Nadir Burjorji Godrej Managing Director Godrej Industries and Dr. Outi Kallioinen, Ex-President, Lahati University of Applied Sciences Helsinki, Finland were conferred Honoris Causa, Doctorate of Philosophy (Ph.D.). The Chairman also apprised the Board that, for the First Time, open house was organized by the University on December 22, 2017, a system under which students are shown the answer scripts and to see how have they performed and have been evaluated. This will add to the reputation of the University. With these words, the Chairman concluded his remark and requested the Registrar to take up the Agenda of the Meeting. The Registrar took up the subsequent agenda for consideration of the Hon'ble members.

7.2 Confirmation of the Minutes of the last meeting held on 13.09.2017.

The Board was informed that Minutes of the last meeting of the Board held on 13.09.2017 were circulated to all the members vide letter no. MRU/ BoM (A&M)/ 2017, dated 25.09.2017, no comments were received from any one of the members. Hon'ble members were requested to confirm the Minutes.

Decision: Board confirmed the Minutes of the last meeting.

7.3 Action Taken Report on the Decisions taken in the Sixth Meeting of the Board.

It was submitted for information that Agenda which were taken up in the last meeting, decisions thereon and the action taken by the University on them are given below for information of the Hon'ble members:

SI No.	Agenda	Decisions	Action taken thereon
1.	Opening Remarks by the Chairman	-	No action required
2.	Confirmation of the Minutes of the last meeting held on 15.05.2017.	Confirmed the Minutes of the last meeting	No action was required
3.	Action Taken Report on the Decisions taken in the Fifth Meeting of the Board.	Took the Action Taken Report on record	No action required
4.	Matter for Information i) Appointment of Dean for	The Board took the information on record.	No action required

	<p>Faculty of Law</p> <p>ii) Faculty members Joined/ Resigned from the Service since 16.05.2017 onwards..</p> <p>iii) Courses approved by the Academic Council</p> <p>iv) Admissions made under UG/PG Programs for the Academic Session 2017-18.</p> <p>v) Students Achievements</p>		
5	<p>Matter for Ratification</p> <p>(i) Increase/Decrease in Intake of some of the UG Programs for the Academic year 2017-18.</p> <p>(ii) Appointment of Faculty and the Staff in the University.</p>	<p>The Board ratified the rationalization of Intakes as proposed and appointments of faculty in different streams made by the University.</p>	<p>No action required</p>
6.	<p>Approval of the Second Ordinance relating to B. Sc (Hons) & M. Sc in Physics, Chemistry & Mathematics, B. Ed and LLB Programs leading to award of Bachelors & Master Degrees.</p>	<p>Board approved the Second Ordinance for submission to the Govt. for their approval and Gazette notification</p>	<p>The Ordinance was sent to the Doctorate of Haryana, Panchkula for approval and notification.</p>
7	<p>Introduction of new UG & PG Programs from the Academic Session 2018-19.</p> <ul style="list-style-type: none"> • B. Tech in Computer Science & Engineering with Specialization in Data Science. • B. Tech. in Electronics and 	<p>Board approved the above programs and their intakes except Post-Graduate Diplomas and Professional Paralegal Certificate Course (PPCC). The Specialization for</p>	<p>The Proposal for introduction of new programmes, as approved by the Board, has been sent to the DHE, Panchkula for obtaining permission to start</p>

	<p>Computer Engineering</p> <ul style="list-style-type: none"> • M. Tech in Embedded System & VLSI (Full Time) • M. Tech in Embedded System & VLSI (Part Time)V • BBA (Operations Management with specialization in Supply Chain Management, Logistics and Project Management) • Post-Graduate Diplomas (PGDs) • Professional Paralegal Certificate Course (PPCC) 	<p>B.Tech. Computer Science was decided to be modified as Data Science and Knowledge Engineering and Intake for Ph.D. Law was decided to be as per availability of the faculty”.</p>	<p>the same from the academic year 2018-19.</p>
8	<p>Approval of the policy in respect of Intellectual Property Rights covering Patents, Copyrights and Technology Transfer</p>	<p>Board approved the IPR Policy.</p>	<p>The approved policy circulated among the departments for implementation.</p>
9	<p>Approval of the Incubation policy to promote new entry into product, processes and services.</p>	<p>Board approved the Incubation Policy.</p>	<p>The approved policy circulated among the departments for implementation</p>
SA - 1	<p>Approval of the Intake and Fee Structure for the Academic Session 2018-19.</p>	<p>Board approved the intake and the Fee structure for the above programs.</p>	<p>This is incorporated in the Admission Brochure with minor revision which is taken as an agenda of the meeting</p>
SA - 2	<p>Consideration of the Recommendation of the Finance Committee</p>	<p>Board approved the Recommendations of the Finance committee.</p>	<p>It was further placed before the GB which also approved it and was adopted in the Financial Year.</p>

SA - 3	Setting up of Design Atelier under the Dept. of Mechanical Engg.	Setting up of Design Atelier under the Dept. of Mechanical Engg.	Action initiated for the same
SA - 4	Directions of the Government for Admissions and Implementation of Statutory Provisions by the Private Universities in Haryana	Board Approved the Mode of Admission proposed by the University	Mode of admissions, as approved, is adopted for the Academic Year 2018-19

Decision: Board took Action Taken Report on record.

7.4 Matter for information

i) Appointment of Pro Vice Chancellor

Board was informed that after relieving of Prof.(Dr.) V.K. Mahna, Pro Vice Chancellor from the University, Prof.(Dr.) Meenakshi S. Khurana, Professor, Physics and Dean Academics has been appointed as Pro Vice Chancellor of the University vide Order dated 31.10.2017 for a term of two years from the date of entering into the office. She has assumed the charge of the office of the Pro Vice Chancellor from the same date i.e. 01.11.2017.

ii) Faculty members Joined/Resigned from the Service since 13.09.2017 onwards.

The Board was informed that during the last 4 months, 04 persons(1 Professor(Management), 03 Assistant Professors (one in Chemistry, one in Mathematics and one in Humanities) have joined the university. Besides, Two Non Teaching staffs have also joined. Ten Faculty and Staff Members hailing from the different streams have resigned from their posts for their personal reasons and relieved from the University.

iii) Organizing of First Convocation of the University

Board was informed that Manav Rachna University organized its First Convocation on Saturday, Dated December 16, 2017. In the absence of His Excellency Governor, Haryana, it was presided over by the Hon'ble Chancellor as per the provisions in the Haryana Private Universities Act, 2006. Shri. Nadir Burjorji Godrej was the Chief Guest on this solemn occasion and delivered Convocation address. Dr. Outi Kallioinen was our Guest of Honour. On this occasion 388 graduands (279 Present and 109 in absentia) including 12 First batch of PG students(M.Tech.-2, MBA-10) pass out from MRU, were given their B.Tech, M.Tech and MBA degrees. Besides, 13 Medals and Awards ,namely, President Medal, Vice President Medal, Patron Medal ,Vice Chancellor Medal, Student Leadership Medal, Academic Proficiency Medal and Outstanding Achiever Awards were given to the Graduates based on their International, National achievements, Leadership and Academic Proficiency(Overall and Discipline wise).

iv) Conferment of Honoris Causa, Doctorate of Philosophy (Ph.D)

Two person of eminence, namely, Dr. Outi Kallioinen, Ex President , Lahiti University of Applied Sciences, Helsinki, Finland and Shri. Nadir Burjorji Godrej , Managing Director, Godrej Industries from two diverse fields i.e. Education and Industries were conferred the Honoris Causa , Doctorate of Philosophy with the approval of the Visitor/His Excellency Governor, Haryana in the First Convocation of the University.

v) Signing of MOU with Daikin India Pvt. Ltd.

Manav Rachna University has entered into a MOU with Daikin India Pvt. Ltd. (DAIPL) which is engaged in the business of manufacturing and trading of air conditioners of various types including RA, SA, PA, VRVs, Chillers and Air Purifiers and their accessories and spare parts as well as undertakes after sales services including repair and maintenance of equipments sold by it. In line with Government's skill development efforts, DAIPL provides support to various engineering universities / institutes / colleges in establishing infrastructure for imparting trainings related to HVAC at their campus (es). The purpose of this MOU is to enable the parties to enter into a non-exclusive collaborative relationship for the purpose of furthering their common interests of imparting trainings related to HVAC.

As per the terms and conditions of MOU, DAIPL would provide resources (such as training of faculty, machines, equipments, content, technical know-how etc) while Manav Rachna University would provide basic infrastructure (such as space, electrical work, chairs, tables, projector, screen, upkeep and maintenance etc.) to develop a facility inside its campus for imparting training related to HVAC in the name of **Center of Excellence**. The Centre of Excellence shall be a joint facility to be used by DAIPL

and Manav Rachna University. DA IPL will conduct workshops and events related to HVAC industry in mutual interest with MRU and in benefit of all stakeholders. Deserving students may be considered for placement opportunities in DA IPL or channel partners such as Internship, live projects or fixed term employment contracts, etc.

Decision: The Board took the above information on record.

7.5 Matter for Ratification

i) Appointment of Faculty and Staff

The Board was informed that recruitment action was started for filling up the vacant faculty positions in the existing as well as newly created academic departments to enable them to cope up with the faculty shortage by notifying the vacancies in the leading news papers as well as uploading of the same on the university website. In order to select the candidates, the interview was held on different dates by the Selection Committee constituted by the Vice Chancellor.

Based on recommendations of the Selection Committees, the following 05 persons were issued the offer of appointment with the approval of the Vice Chancellor from the date indicated against their names. Four have joined the posts in the University.

S.No	DISCIPLINE	NAME	DESIGNATION	D.O.J
1	Management	Arindom Chatterjee	Professor	10.01.2018
2	Computer Science & Engg.	Dr. Parneeta Dhaliwal	Associate Professor	20.01.2018
3	Chemistry	Dr. Jaya Tuteja	Assistant Professor	10.01.2018
4	Maths	Upasana Taneja	Assistant Professor	02.01.2018
5	Humanities	Dr. Vallari Dwivedi	Assistant Professor	10.11.2017

ii) Degrees should bear the signature of Chancellor along with Vice Chancellor and Registrar

It was submitted for information that on the recommendation of the Academic Council, the Board had approved the format of the Degree Certificates for UG & PG Programs

bearing signatures of the Registrar and Vice Chancellor. Recently, It came to our notice that the Universities located in Haryana have been issuing the Degrees bearing the signature of the Chancellor alongwith the Vice chancellor and Registrar. Hence, a decision was taken to adopt the same from the very first batch of Master Programmes, pass out in 2017. The Degree Certificates were accordingly got printed with sign of the Registrar, Vice Chancellor & Chancellor and given to the graduates in the First Convocation held on 16.12.2017. The copies of the Degree format approved by the Board in its fifth meeting held on 15.05.2017 and the one adopted along with sign of Chancellor were placed before the Board.

iii) Degree format used for the conferment of Honoris Causa, Doctorate of Philosophy (Ph.D.)

Board was informed that a decision was taken by the University to confer Honoris Causa, Doctorate of Philosophy to two eminent persons during the first convocation held on 16.12.2017. To award the same, the university adopted the degree format, a sample of which was placed before the Board.

Decision: Board ratified the actions taken by the University

7.6 Reducing intake of Computer Science and Engineering (CSE) and Introducing two different specializations of CSE

It was submitted that in the last meeting of the Board of Management held on 13.09.2017, the Board had approved the starting of B.Tech Computer Science and Engineering with specialization in data Science and Knowledge Engineering (Intake 240). Now, in the sixth meeting of the Academic Council held on 08.12.2017, the Dept. of CST came out with a proposal that it has given a second thought on the above program and **intends to reduce the intake of B.Tech. CSE from 240 to 180** and propose to offer two different specializations of CSE in addition to B.Tech CSE, namely, **B.Tech CSE with specialization in Data Science and Machine learning(Intake-30)** and **B.Tech. CSE with specialization in Digital Transformation Engineering (Intake-30)** in collaboration with Xebia maintaining the total intake of B.Tech. CSE programme as 240.

The proposal of the Dept. of CST was deliberated in the Academic Council and it was unanimously resolved to recommend the same for approval of the Board of Management. A brief about the programmes was also mentioned as given here under:

- **B.Tech CSE with specialization in Data Science and Machine learning**

B.Tech in Machine Learning is dedicated to furthering the scientific understanding of automated learning, and to producing the next generation of tools for data analysis and

decision making based on that understanding. The B.Tech program in Machine Learning offers students the opportunity to improve their training with advanced study in Machine Learning. Incoming students should have good analytic skills and a strong aptitude for mathematics, statistics, and programming. Today's demand for expertise in machine learning far exceeds the supply which has necessitated the Department to offer this programme.

- **B.Tech. CSE with specialization in Digital Transformation Engg.**

The Digital Transformation technologies are a unique initiative for B Tech CSE students in which the curriculum will be embedded with Full Stack Programming, Big Data, Agile, Natural Language Processing and Internet of Things (IOT). Industry experts will work as mentors, along with professors in guiding the students as per the specified methodology. After doing B Tech CSE programme with emphasis on Digital Transformation Technologies, student will be ready for the future careers that are in huge demand these days.

A proposal for introducing the above programmes was submitted to the Govt. vide letter dated 30.11.2017 for obtaining their approval.

Decision: Board approved the proposal of the Dept. of CSE.

7.7 Consideration of the recommendations of the Finance Committee

1. Revision of Fee structure in r/o UG/PG Programmes offered / to be offered under various Faculties of the University

Hon'ble members were informed that the Board had approved the fee structure for various UG & PG Programs to be offered during 2018-19 in its last meeting held on 13.09.2017. The Finance Committee has now recommended minor revision in the fee structure of all the UG & PG programmes to be offered during the next academic year and also recommended the fee structure for the two new specializations of Computer Science and Engineering proposed to be offered from 2018-19. The details of the fee approved and the revised one proposed to be approved are given under for consideration and approval of the Board.

S. No.	Name of UG/PG Program	Fee per annum	Revised Fee (per annum)
Bachelor of Technology			
1	B.Tech. CSE	Rs.1,80,500	Rs.1,81,500
	B.Tech. CSE (Data Science & Machine Learning)	-	Rs.2,44,000

	B.Tech. CSE (Digital Transformation)	-	
3	B. Tech. ME	Rs.1,80,500	Rs.1,81,500
3	B.Tech. IE&M		
Bachelor of Technology (Lateral Entry)			
1	B.Tech. CSE	Rs. 1,70,000	Rs. 1,71,000
2	B.Tech. ME		
3	B.Tech. IE&M		
Master of Technology			
1	M.Tech. CE	Rs. 1,05,000	Rs. 1,06,000
2	M.Tech. ME		
Bachelor of Business Administration			
1	BBA (Health Care Management) in association with Cygnus Hospitals	Rs. 1,60,000	Rs. 1,61,000
2	BBA (Finance & Accounts) (Note 1)	Rs. 1,75,000	Rs. 1,76,000
3	BBA (Entrepreneurship & Family Business)		
4.	BBA (Operations Management with specialization in Supply Chain Management Logistics & Projects Management)	-	
Bachelor of Science (Hons.)			
1	B.Sc. (Hons.) Chemistry	Rs. 1,05,000	Rs. 1,06,000
2	B.Sc. (Hons.) Mathematics		
3	B.Sc. (Hons.)Physics		
Master of Science			
4	M.Sc. Chemistry	Rs. 1,05,000	Rs. 1,06,000
5	M.Sc. Mathematics		
6	M.Sc. Physics		
Bachelor of Education			
1	B.Ed.	RS. 1,05,000	Rs. 1,06,000
2	B.A. B.Ed. Integrated		
3	B.Sc. B.Ed. Integrated		
4	M.A (Education)		
Bachelor of Law			

1	BA LLb (Hons.)	Rs. 1,82,000	Rs. 1,83,000
2	BBA LLB (Hons.)		
3	B.Com LLB (Hons.)		
4	LLM	Rs. 1,25,000	Rs. 1,26,000

The programme wise fees were reported to be divided into five components viz. Tuition fee, Development fee, University fee, Students Resource fee and Training Partner fee. The fee will be charged in two installments; first installment at the time of admission and second installment in November of the year, the break-up of which were placed before the Board.

Revised Budget for the year 2017-18

It was submitted for information that revised budget for the year 2017 -18 proposed by the University was considered by the Finance Committee in its meeting held on 05.01.2018 which was okayed by the Committee after making some changes in some of the sub-heads. The recommended RE for the Year 2017-18 by the Finance Committee was placed in the meeting.

Decision: Board considered the recommendations of the F C and accorded their approval for placing the same to the Governing Body for approval.

7.8 Consideration of Annual Report of the University for the year 2016-17

The Board was informed that, as per the provision under the section 42 of the Haryana Private Universities Act, 2006 and amended from time to time, Annual Report of the University shall be prepared by the Board of Management which shall include among other matters, the steps taken by the university towards the fulfillment of its object and shall be approved by the Governing Body. The copies of the Annual Report shall be submitted to the sponsoring body and also presented to the Visitor and the Government. In order to prepare the report, a committee headed by the Dean Academic with four other members was constituted.

The draft Annual Report, recommended by the Committee and Okayed by the Hon'ble Vice Chancellor was provided in the meeting The Board after deliberation approved the Annual Report for submission to G.B.

Decision: Board considered the Annual Report (2016-17) of the University and recommended for approval of the Governing Body.

7.9 Any other matter with the permission of Chair.

Two other matters were considered by the Board under this item which are as follows:

i) Last date of admission for UG and PG programs during academic year 2018-19.

Board was apprised by the Registrar that there is requirement for seeking approval of this august body with regard to last date for closing of admissions for various UG/PG programs offer by the University. Keeping in view the direction of Haryana Society for Technical Education in the preceding year it is proposed to keep the last date of admission for professional courses that is B.Tech and M.Tech programs during 2018-19 **as August 15, 2018** and for all other courses as **September 30, 2018**.

Decision: Board approved the last date of closing of admission during 2018-19, as above.

i) Financial assistance to Students attending Workshop/Conferences

Dean, Research informed the Board that University has been providing financial assistance to the students on case to case basis but a need was felt to frame a policy in this regard so that students could be encouraged to participate in workshop/conferences organized by the educational institutions from time to time. He proposed that University should fund 50% of the expenses towards Registration fee as well as traveling expenses for the conferences organized in India. After deliberation it was resolved that University should frame a guidelines/policy in this regard and submit for consideration.

Decision: A policy guidelines shall be prepared by the University for consideration of the Financial assistance.

(Dr. K. Singh)

Registrar/Member Secretary

Dated: 17.01.2018

F. No. MRU/BoM (A&M)/Vol.III/2017

To,

1. PS to Chancellor for kind information of the Hon'ble Chancellor.
2. Prof. (Dr.) Sanjay Srivastava, Vice Chancellor
3. Principal Secretary to Government, Haryana Higher education Department, Room No.58, VIII Floor, Haryana Civil Secretariat, Sector-1, Chandigarh.
4. Dr. Amit Bhalla, Vice President, MREI,
5. Dr. M. M. Kathuria, Trustee, NIT, Faridabad.
6. Dr. N.C. Wadhwa, Vice Chancellor, MRIU;
7. Shri M.K. Miglani, Former Vice Chancellor, KU & HAU, H.N.1161, Sector- 15, Faridabad.
8. Shri Navdeep Chawla, M.D. Psychotropic India Ltd.Faridabad
9. Sh. S.K. Jain, MD, Indo Autotech, Ltd., Faridabad.
10. Prof. (Dr.) Meenakshi S. Khurana, PVC & Dean, Academics.
11. Prof. (Dr.) B.M. Behal, Dean, Applied Sciences & Research.
12. Prof. Sangeeta Banga, Director/ Dean, Students Welfare.
13. Shri Rajiv Malhotra, Chief Finance & Accounts Officer

MINUTES OF THE EIGHTH MEETING OF THE BOARD OF MANAGEMENT OF THE UNIVERSITY HELD ON THURSDAY, DATED 12.07.2018 AT 11.00 A.M IN THE BOARD ROOM, A BLOCK, MRIIRS CAMPUS, FARIDABAD.

A meeting of the Board of Management of Manav Rachna University was held on Thursday, Dated 12.07.2018 at 11.00 A.M in the Board Room, MRIIRS Campus, Faridabad to consider various administrative, academic and financial matters. The following were present:

1. Prof. (Dr.) Sanjay Srivastava, Vice Chancellor;
2. Dr. Amit Bhalla, Vice President, MREI,
3. Dr. N.C. Wadhwa, Vice Chancellor, MRIU;
4. Prof. (Dr.) Meenakshi S. Khurana, PVC / Dean, Academics
5. Shri M.K. Miglani, Former Vice Chancellor , KU & HAU (Haryana),
6. Prof. (Dr.) B.M. Bahal, Dean, Applied Sciences & Research (Special Invitee)
7. Prof. Sangeeta Banga, Director/Dean, Students Welfare;
8. Prof.(Dr.) Rajat Gera, HoD, Mgt. & Comm.
9. Dr. Kameshwar Singh, Registrar/ Member Secretary.

Worthy Additional Chief Secretary (Higher Education) or his nominee, Shri S.K.Jain, MD, Indo Autotech Limited, Faridabad, Shri Navdeep Chawla, M.D. Psychotropic India Ltd.,; Dr. M. M. Kathuria, Trustee (Special Invitee) and Shri. Rajiv Malhotra, Chief Finance & Accounts Officer (Special Invitee) Faridabad could not attend the meeting due to their other professional engagements; they were granted leave of absence.

The following are the minutes of the meeting:

8.1 Opening remarks by the Chairman

The Chairman welcomed the Members present in the meeting and said that, this year the University applied for AICTE approval of the Engineering Programmes (UG &PG) in the name of Faculty of Engineering, Manav Rachna and has got approval for the same. He feels happy to share that Manav Rachna University has been awarded with 'QS I-Gauge GOLD Rating' during the pilot event of Higher Education Rating System QS I-Gauge in New Delhi.. He further said that a team of 14 students from Carleton University, Ottawa (Canada) visited the University Campus for a week under collaborative arrangement. The team was coordinated by Ms Meena Kapahi, Associate Professor looking after International Affair and some other faculty members.

The University has recently started a Lecture series on different topics of public importance, first such Public Lecture on "Emerging Anti - Money Laundering and Benami Laws was organized on 2nd June, 2018. Mr. Arbind Modi, Member CBDT

(Legislation) delivered the talk, which received a huge applaud from the persons who attended the Lecture. The Leadership Development Programmes are being organized, two such programmes on “Gender Sensitization” and “Total Quality Person” have already been conducted on 14th May, 2018 and 8th June, 2018 by Nazaria Foundation and Dr. C.V. Ramnan respectively. The virtual Lab has also been started. Dr. Mrinal Pandey, Assistant professor has been looking after the work. Daikin Centre of Excellence and CN Rao Research and Experimentation centre were inaugurated.

He further said that the University has entered into fourth year of its existence, past laurels of it can't continue long unless we change our approach/ work culture according to requirements of university. During the last three years he has met all the faculties' department wise. He has never been demanding from them but now time has come when faculty members should rise & play much bigger role. They have been asked to raise their standards as per University and bring out good research publications in the journals of repute. Better results are expected in time to come. With these words, the Chairman concluded his remark and requested the Registrar to take up the Agenda of the Meeting. The Registrar took up the subsequent agenda for consideration of the Hon'ble members.

8.2 Confirmation of the Minutes of the last meeting held on 15.01.2018

The Board was informed that Minutes of the Seventh Meeting of the Board held on 15.01.2018 were circulated to all the members vide letter no. MRU/ BoM (A&M)/ 2017, dated 25.01.2018, no comments were received from any one of the members. Hon'ble Members were requested to confirm the Minutes

Decision: Board confirmed the Minutes of the last meeting.

8.3 Action Taken Report on the Decisions taken in the Seventh Meeting of the Board.

It was submitted for information that, Agenda which were taken up in the last meeting, decisions thereon and the action taken by the University on them are given below for information of the Hon'ble members:

S. No.	Agenda	Decisions	Action taken thereon
1.	Opening Remarks by the Chairman	-	No action required
2.	Confirmation of the Minutes of the Sixth meeting held on 13.09.2017.	Confirmed the Minutes of the last meeting	No action was required

3.	Action Taken Report on the Decisions taken in the Sixth Meeting of the Board.	Took the Action Taken Report on record	No action required
4.	Matter for Information i) Appointment of Pro Vice Chancellor ii) Faculty members Joined/ Resigned from the Service since 13.09.2017 onwards. iii) Organizing of First Convocation of the University. iv) Conferment of Honoris Causa, Doctorate of Philosophy (Ph.D) v) Signing of MOU with Daikin India Pvt. Ltd	The Board took the information on record.	No action required
5	Matter for Ratification (i) Appointment of Faculty and the Staff in the University. (ii) Degrees should bear the signature of Chancellor along with Vice Chancellor and Registrar. (iii) Degree format used for the conferment of Honoris Causa, Doctorate of Philosophy (Ph.D.)	The Board ratified the decisions taken by the University.	No action required
6.	Reducing intake of Computer Science and Engineering (CSE) and Introducing two different specializations of CSE	Board approved the proposal of the Dept. of CSE. B.Tech CSE-180 B.Tech DS & ML-30 B.Tech DTE-30	Revised Intake incorporated in the Admission Brochure and uploaded on website for information of aspirants.

7	<p>Consideration of the recommendations of the Finance Committee</p> <p>1. Revision of Fee structure in r/o UG/PG Programmes offered / to be offered under various Faculties of the University.</p> <p>2. Revised Budget for the year 2017-18.</p>	<p>Board considered the recommendations of the FC and accorded their approval for placing the same to the Governing Body for approval.</p>	<p>Revised Fee Structure & Revised Budget for the year 2017-18 placed before the Governing Body in its meeting held on 20.01.2018. GB approved the same.</p>
8	<p>Consideration of Annual Report of the University for the year 2016-17.</p>	<p>Board considered the Annual Report (2016-17) of the University and recommended for approval of the Governing Body.</p>	<p>Annual Report (2016-17) recommended by BoM of the University was placed before the Governing Body in its meeting held on 20.01.2018.GB approved the same.</p> <p>Approved Annual Report has been sent to the DHE & Hon'ble Visitor of the University vide letter no. MRU/AR & AA(2) 2017 / 479 dated 16.04.2018.</p>
9	<p>Any other matter with the permission of Chair.</p> <p>i) Last date of admission for UG and PG programs during academic year 2018-19.</p> <p>ii) Financial assistance to Students attending Workshop/Conferences</p>	<p>(i) Board approved the last date of Admission in the Academic Year 2018-19 as August 15, 2018 for Engineering Courses and for all other courses as September 30, 2018.</p> <p>(ii). A policy guidelines shall be prepared by the University for consideration of the Financial assistance</p>	<p>(I) Last date of Admission Notified in the Admission Brochure and on the Website of the University.</p> <p>(ii) Policy Guidelines is yet under preparation.</p>

Decision: The Board took the Action taken Report on record.

8.4 Matter for information

(i) Faculty/ Students Achievements

A. Achievements by the Faculty

Ms. Hanu Bhardwaj, HoD, Dept. of Computer Science & Technology was recognized as SILVER Partner Faculty whereas **Dr. Jyoti Pruthi, Dr. Mrinal Pandey, Ankur Kumar Aggarwal, Bharti Jha, Mamta Arora, Neelu Chaudhary, Ram Chatterjee, Sunny Dagar and Urmila Pilonia** were recognized as BRONZE partner faculty under Inspire-The campus Connect Faculty Partnership Model 2018 by Infosys Campus Connect 2018

Dr. Parneeta Dhaliwal, Associate Professor, was nominated as TPC Member for International Conference on “Machine Learning, Big Data, Cloud, and Parallel Computing: Trends, Perspectives, and Prospects, 2019”.

Ms Manpreet Kaur, Assistant Professor, acted as Member of the Technical Program Committee (TPC) for International Conference “Towards Extensible and Adaptable Methods in Computing (TEAMC), March, 2018(Springer)”.

Dr. Sachin Lakra, Associate Professor, also acted as TPC Member for 5th International conference on Computing for Sustainable Global Development 2018 (India-COM 2018) held at Delhi, India from 14-16th March, 2018.

B. Achievements by the Students

Srushti Suresh, student of B.Tech, CSE, 1st year, secured **1st position** in Dialogue conversation competition organized by humanities students. She also took interview of the famous youtuber Sejal Kumar and she was promoted to Managerial post in AIESEC organization (Global).

Arish Fatima, student of B.Tech, CSE, 2nd year, awarded with **1st position** in TechnoVogue organized by Innoskill 2018.

Ankur Bhatt & Dhruv Yadav, students of B.Tech, CSE, 2nd year, awarded with **2nd position** in Web Development organized by Innoskill 2018 and they have also published paper on LIFI.

Abhishek Sontakke and Aman Diwakar, students of B.Tech, CSE, 2nd year, published paper titled “One Time Password Flaws in Generation Techniques and Enhancing the Security” in conference SmartTech 2018, Gr. Noida by Springer.

Saurabh Sethi, student of B.Tech, CSE, 2nd year, published paper titled “A brief framework to analyze and predict trends in mobile applications” in conference Recent Technologies in IT, held at KL Mehta College, Faridabad.

(ii) Faculty joined/resigned/superannuated from the Service

The Board was informed that during the last 4 months, 03 Faculty Members namely Dr. Jitender Singh Rathore, Dr. Susmita Ray & Dr. Ruchika Sachdeva have joined the university as Professor in Department of Chemistry, CST and Management respectively. 4 Professors have superannuated and 06 Assistant Professors hailing from the different streams have resigned from their posts for their personal reasons and relieved from the University. Besides, 01 new non Teaching staff have joined and one Non Teaching staff working on Contractual basis has been relieved from the University.

(iii) Permission of the Govt. to start new UG/PG Programs from the session 2018-19.

It was informed to the Board that University had submitted a proposal to the Department of Higher Education, Haryana for permission of starting the new UG/PG Programs from the session 2018-19 as required under the section 34 A (1) of the Haryana Private Universities Act, 2006 and amended from time to time for the same after obtaining approval from the Competent Bodies of the University.

The Department of Higher Education has now, conveyed approval of the Govt. for starting the following programs vide their letter no. 18/9-2018 UNP (5) dated 05.05.2018,

S. No.	Name of UG/PG Program	Duration	Intake
1	B.Tech CSE with specialization in Data Science and Machine Learning	4 Years	60
2	B.Tech CSE with specialization in DevOps	4 Years	60
3	B.Tech CSE with specialization in Digital Transformation Engineering	4 Years	60
4	B.Tech Electronics & Computer Engineering	4 Years	30
5	M. Tech ECE with specialization in Embedded System & VLSI	2 Years	30

(iv) AICTE approval for the Engineering Programs offered under Faculty of Engineering, MRU.

The Board was informed that University participated in the approval process of AICTE for the year 2018-19 to seek approval of the Engineering Programs (UG/PG) under the Faculty of Engineering. The application for the same was submitted online in the prescribed format in the m/o Jan/ Feb, 2018. After scrutiny of documents, an inspection was carried out by an Expert Committee of AICTE to verify the infrastructure, i.e. Class Rooms, laboratories, sports facilities, Seminar Rooms, Common rooms for Boys and

Girls. Hostels etc on 07.03.2018. Based on the recommendation of the Committee, AICTE has now, conveyed the approval for all the B.Tech & M.Tech programs for the session 2018-19 vide their letter no. North-West/2018-19/1-3638977431 dated 30.04.2018.

(v) Status on notification of the First and Second Ordinance by the Govt.

It was informed to the Board that First and Second Ordinance of the University which was duly approved the Board of Management and submitted to the DHE, Govt. of Haryana, has been recommended with addition & modifications in the ordinance by the Committee constituted by the Department, Higher of Education, Haryana. The Ordinance alongwith observation of the Committee was forwarded to the University vide their memo no. KW-20/3-2013 UNP (5) dated 06.04.2018 for our comments and sending hard & soft copies of the same. The University has already provided its comments alongwith Amended hard & soft copies of the Ordinances to the Department on 19.04.2018 with request that same may please be notified in the official Gazette at the earliest. Both the ordinances are in the process of approval with the Govt. and expected to be notified soon.

(vi) Digital Initiatives in Higher Education as per Action Plan 17 –by-17.

It was informed to the Board that MHRD, Govt. of India had organized a **National Convention on Digital Initiatives** in Vigyaan Bhawan, New Delhi on 09.07.2017, wherein all the Vice Chancellors of the University were invited to attend the same. During the Convention 17 Point Action Plan was adopted for implementation. It was followed by DO letter dated 25.10.2017 from Hon'ble Minister of MHRD to the Vice Chancellor of all the University, wherein, it was emphasized that in the fast changing world of educational technology campuses across the world are using it to better their function and Academic Calendars for this to happen without loss of time, He would be looking at leadership and proactive role of Vice Chancellors in implementation of the Digital Programs. After the breaking initiatives, like SWAYAM and SWAYAM Prabha (DTH Channels) huge opportunity for improving educational standards, their potential is yet to be utilizes.

A Monitoring Portal for the Digital Action Plan Implementation was made operational by the AISHE at the behest of the MHRD by November, 2017. Every Institution was asked to login and register the progress achieved on each of the 17 points. This was duly complied by the University and information called therein was provided on the SWAYAM Portal by the University.

Now, a National Conference of Vice Chancellors is scheduled to be held on July 27, 2018 wherein action taken report from the Universities on Digital Initiatives in Higher Education has again been called in prescribed performa, which consist of 10 points

containing details of the activities under taken therein i.e. SWAYAM, SWAYAM Prabha DTH Channels, National Digital Library, National Academic Depository, Digital Campus, Smart Campus, Clean Campus, National Digital Payment Mission, Unnat Bharat Abhiyan, Innovation Drives and Planning.

Detailed information in respect of each point has been duly filled in and submitted to the UGC as desired by them through Email dated 26.06.2018

A Digital Learning Monitoring Cell at the University level has been reconstituted under the chairmanship of Prof. (Dr.) Susmita Ray, Professor, CSE with HoDs as Members.

This Monitoring cell is responsible to review the current use of Digital resources and suggest way to improving their utilization further in the University. Cell has been further assigned responsibilities to submit reports called by UGC/MHRD from time to time.

Decision: Board took the above information on record.

8.5 Matter for Ratification

(i) Appointment of Faculty and Staff

The Board was informed that recruitment action for filling up the vacant positions in the academic departments and the offices was started in Feb, 2018 to enable them to cope up with the faculty/staff shortage by notifying the vacancies in the leading news papers as well as uploading of the same on the university website. In order to select the candidates, the interview was held on different dates by the Selection Committee constituted by the Vice Chancellor.

Based on recommendations of the Selection Committees, the following 03 persons were issued the offer of appointment with the approval of the Vice Chancellor from the date indicated against their names. All have joined the posts in the University.

S.No.	DISCIPLINE	NAME	DESIGNATION	D.O.J
1	Chemistry	Dr. Jitender Singh Rathore	Professor	01.03.2018
2	CST	Dr. Susmita Ray	Professor	15.06.2018
3	Administration	Saurav Sharma	Office Coordinator	26.04.2018

Consequent upon Superannuation, following two faculty members have been appointed as Professor on a consolidated pay on Contractual basis for a period of One year w.e.f. 01.04.2018.

(i) Dr. BM Bahal, Professor, Physics

(ii) Dr. AK Gupta, Professor, Chemistry

Dr. MR Tyagi, Professor, Rtd. has been appointed as Adjunct Professor w.e.f. 01.04.2018 to supervise the research scholars allocated to him before superannuation from the University.

Dr. B.Prasad, Head, New Initiative has been elevated as Professor in the Dept. of Management w.e.f.01.01.2018.

Decision: Board ratified the actions taken by the university.

8.6 Approval of recommendations of the Finance Committee.

It was informed to the Board that Finance Committee in its Ninth Meeting held on 26.04.2018 considered the annual budget of the University for the Year 2018-19 alongwith other three regular items. The budget for the Year 2018-19 recommended by the Finance Committee is based on prospective Admissions for the academic session 2018-19 (Approximately 68% of the intake of all the UG, PG & Ph.D. Programs. Total receipts from Academic fee, hostel fee and other incomes have been projected as Rs. 3511.42 lakhs. Total expenditure during the year has been projected as Rs. 4515.23 lakhs. Thus, there is a short fall of Rs. 1003.81 lakhs over the Income.

One of the Hon'ble Member pointed out that such a huge short fall over income was not appropriate; hence, it should be relooked. After deliberation, it was resolved that a review of receipt & expenditure both shall be made by 10.09.2018.

Decision: Board accepted the recommendations of Finance Committee with suggestion to review the short fall over the income in September.

8.7 Approval of decisions of the Academic Council taken in the Meeting held on 06.06.2018.

Board was informed that Academic Council in its Seventh Meeting held on 06.06.2018 considered 20 Items including 5 regular items. The items mainly relate to approval of the revised program structure and syllabus for various UG/PG Programs. The revision has been proposed in light of the model curriculum launched by AICTE in the recent past. Besides, it also considered the Ordinance relating to award of Bachelor Degree in Business Administration and recommended the same with some modification for placing before the Board.

Decision: Board approved the decisions of the Academic Council.

8.8 Approval of Ordinance relating to award of Bachelor degree in Business Administration

Hon'ble Members of the Board were informed that ordinance relating to award of the degree of Bachelor of Business Administration, proposed by the Department of Management and Commerce was duly considered and deliberated by the Academic Council in its seventh meeting and approved with some modification for placing before the Board of management. Professor Rajat Gera HoD, Mgt. & Com. briefed about the silent points of the Ordinance. Board after deliberation approved the proposed Ordinance.

Decision: Board approved the proposed Ordinance relating to award of Bachelor degree in Business Administration for submission to the Govt. and approved Ordinance is annexed as Annexure No. I.

8.9 Any other matter with the permission of Chair.

Hon'ble Vice President, one of the Hon'ble member of the Board mentioned several other points particularly relating to NIRF Ranking, NAAC & NBA accreditation, admission etc. He tried to ascertain the status of application to be submitted to UGC in reference to 2 (f) approval as well as the year by which MRU would be eligible for NAAC & NBA accreditation. He was apprised by the Pro Vice Chancellor that UGC application would be ready for submission by next week and MRU would be eligible for NAAC & NBA by 2020. He mentioned that there are three focus areas for which accrediting bodies are looking at such as Placement, Research & Consultancy. University should look into the new document IQAC by NAAC and act accordingly. Other points which were discussed are as follows:

(i) Admissions

He talked about the changes in the system of National Entrance Examinations from 2019-20 as pronounced by the MHRD, Govt. of India that from 2019, aspirants will be able to sit twice a year for the JEE Main and NEET exams. Examinees will be able to appear for JEE Main in January and April of every year and for NEET in February and May. The exams will be conducted by the newly formed National Testing Agency. Keeping in view, Director, Admission has been asked to look into the possibility of organizing MRNAT in December or on continuing basis. He was of the view that admission process should start from January after the JEE/NEET exams.

(ii) Diversion of bright students from Engineering to Non Engineering Programs

He further said that trend of movement of bright candidates from Engineering to non Engineering programs is being observed. Faculty should see what are the expectations of the non engineering students from us in terms of placement and steps should be taken up accordingly to prepare them. Number of Girls is gradually decreasing in Engineering as more are opting Non Engineering courses due to less job opportunity in Engineering & IT Sector these days.

(iii) Hiring adjunct faculty from Industry & Industrial exposure of Faculties.

He also mentioned that senior person from Industry should be hired as an adjunct Faculty alongwith Foreign Faculty to groom the students about industrial needs. Faculty should also visit industries to have an industrial exposure, which will help them to frame their lecture modules and guide the students accordingly. University should make a process of sending faculty and student to industry adjoining Faridabad to begin with and see the impact on the students.

(iv) Why LLM Programs are essential for the University?

He further talked about the LLM Program and suggested that Additional Chief Secretary, DHE, Govt. of Haryana should be sent a communication emphasizing therein why starting of LLM program in the University is essential for further growth of the Law department. Adjunct faculty Professor Josheph Vergusee was entrusted with the task of preparing the justification for starting the LLM program.

(v) Convocation

It was suggested that University should finalize the date of convocation. The Chairman suggested that second Saturday of December should be fixed as a date for organizing convocation of the University. Accordingly, it was resolved that this year convocation be held on 08.12.2018 subject to convenience of the Chief Guest and other dignitaries.

(vi) Industry aligned Programs

It was mentioned that University should start industry aligned programs such as Additive Manufacturing, Robotic Sciences. Beside it may also look for B. Sc life Science. He also suggested to upgrade the Faculty of Education by adding some more programs i.e. NTT. & D. El. Ed.

The meeting ended up with vote of thanks to the Chair.

**(Dr. K. Singh)
Registrar**

F.NO. MRU / BoM (A&M) /Vol. III / 2017

Dated: 17.07.2018

To,

1. PS to Chancellor for kind information of Hon'ble Chancellor
2. PS to VC for kind information to the Hon'ble Vice Chancellor
3. PS to Additional Chief Secretary to Government, Haryana Higher education Department, Room No.58, VIII Floor, Haryana old Secretariat, Sector-1, Chandigarh.

4. PS to VP for kind information to the Hon'ble Vice President, MREI.
5. Dr. N.C. Wadhwa, Vice Chancellor, MRIIRS.
6. Dr. M. M. Kathuria, Trustee. N I T, Faridabad. (Special Invitee),
7. Sh. M. K. Miglani, Former Vice Chancellor, KU & HAU, H.N.1161, Sector- 15, Faridabad.
8. Sh. S.K. Jain, MD, Indo Autotech Limited, Faridabad.
9. Sh. Navdeep Chawla, Chairman / Managing Director, Psychotropic India Ltd. 214-216, Sector 15, Faridabad.
10. Prof. (Dr) Meenakshi S. Khurana, Pro VC & Dean (Acad.), MRU
11. Prof. Sangeeta Banga, Director, Students Welfare, MRU
12. Prof. (Dr.) Rajat Gera, HoD, Department of Management & Commerce, MRU
13. Prof. B.M. Bahal, Dean, Applied Sciences (Special Invitee)
14. Prof. Jose P. Verghese, Professor Emeritus (Special Invitee)

MINUTES OF THE THIRD MEETING OF THE ACADEMIC COUNCIL OF MANAV RACHNA UNIVERSITY HELD ON WEDNESDAY, DATED 20.10.2016 AT 11:00 A.M. IN THE CONFERENCE ROOM, J BLOCK, MRU CAMPUS, FARIDABAD.

A meeting of the Academic Council was held on 20.10.2016 in the Conference Room, J- Block, MRU Campus, Faridabad.

The following were present:

1. Prof.(Dr.) Sanjay Srivastava, Vice Chancellor;
2. Prof.(Dr) V.K. Mahna, Pro Vice Chancellor;
3. Prof.(Dr.) P. K. Bhatnagar, Professor, Dept. of Elecs, D.U;
4. Prof.(Dr.) R. K. Singh, Professor, Delhi School of Economics, D.U;
5. Prof.(Dr.) M. S. Khurana, Dean (Academics)& HoD (Mech. Engg.);
6. Prof.(Dr.) B.M. Bahal, Dean (Applied Sciences & Research);
7. Prof.(Dr.) M.R. Tyagi, Dean (Engineering);
8. Prof.(Dr.) Rajat Gera, HoD (Management & Commerce);
9. Dr. Haider Abbas, HoD, (Physics);
10. Dr. Megha Mittal, HoD, (Chemistry);
11. Mr. Jaideep Singh, HoD, (Humanities)
12. Ms. Hanu Bhardwaj, HoD, Computer Science & Tech.;
13. Ms. Sanjana Malhotra, HoD (Elec. & Comm. Engg.)
14. Dr. A. K. Gupta, Professor, (Chemistry);
15. Prof.B.D. Pathak, Professor /(Mech. Engg.);
16. Prof.(Dr).Jai R. Bhatnagar, Professor (CST);
17. Prof.(Dr.) D.K. Sharma, Professor (Physics);
18. Prof.(Dr) Rajeev N. Rai, Professor (Mech. Engg.)
19. Ms. Sangeeta Banga, Associate Professor (Mech. Engg.);
20. Ms. Meena Kapahi, Associate Professor (Mech. Engg.);
21. Dr.A.K. Awasthi for, HoD, (Mathematics);
22. Dr. Y.K. Awasthi, Assistant Professor (E & C Engg.);
23. Dr. Kameshwar Singh, Registrar / Member Secretary;

Shri P. Panda, Vice President, Maruti Udyog Limited, Gurgaon, Prof.(Dr.) S. K. Garg, Pro Vice Chancellor, Delhi Technological Univ., Delhi & Dr. S.K. Goel, Executive Director, Star wires(India) Ltd. Faridabad could not attend the meeting due to their pre-occupation in other professional engagements. They were granted leave of absence by the Chair.

The following are the minutes of the meeting:

2.1 Opening remarks by the Chairman:

The Chairman welcomed the Members present in the meeting and introduced the new members of the Academic Council. He mentioned that Prof. (Dr) V.K. Mahna, Pro Vice Chancellor has been long associate and stalwarts of Manav Rachna Group; prior to joining this University he served the Organization in various capacities such as Principal, erstwhile MRCE, Controller of Examination and Pro- Vice Chancellor of MRU our consanguine University. The Council will be immensely benefited with his knowledge and expertise in Academics. Prof. Jay R. Bhatnagar, who has recently joined the University as Professor in the Department of Computer Science and Technology, has an extensive exposure of 15 Years in education and research with premier Institutions in USA and India. The academic environment in the Department is going to have a great boost with his expertise and research orientation in the field. Prof. Rajiv Nanadan Rai who has joined the Department of Mechanical Engineering, has rich and diversified experience of 20 year plus of working in Indian Air force. A far sighted person with high skills, his presence in the Department and the council shall make it capable to achieve new horizons. He also mentioned about other three new members of the Council, namely, Prof. (Dr). Rajat Gera, HoD, Department of Management & Commerce, Ms. Hanu Bhardwaj, HoD, Department of Computer Science & Technology and Ms. Sangeeta Banga, Dean/ Director Students Welfare who have been nominated as Members of the Council and applauded the efforts put forth by them in growth of their Departments and the University at large. He extended a warm welcome to all the new members of the Council. He also put on record his appreciation to the outgoing members, namely, Prof.(Dr) Nand Kumar, Professor, CSE, Prof (Dr) Charu Pathak, Professor, CSE, Prof. (Dr) S. Duggal , Professor, Management, Ms. Shailee Chaudhary, Ex HoD, CSE for their contribution in deliberations of the Council.

The Chairman further stated that the University has been doing well on all the fronts. This year, we have been able to enhance our admissions almost three times of the last academic session. Two new programs are proposed to be inducted from the ensuing academic session 2017-18 viz. Bachelor of Education and Bachelor of Law. The Approval from the Govt. and NCTE has been received for the B.Ed. and Integrated B. Ed. Programs. As far as law program is concerned, the approval of the Govt. for starting the program has been received. The program will be offered under the Dept. of Law/Faculty of Law creation of which has been approved by the Board of Management in its Fourth Meeting held on 28.09.2016, Now, we are in the process of submitting the Application to the Bar Council of India which is a Regulatory Body having authority to grant recognition/permission for commencement of Law programs.

He further said that, due to strenuous efforts of the faculty and officers the University is able to conduct examinations and declare results well in time for which all deserved accolades. He further talked about the ongoing research work carried out by the Departments and informed that as a University much more needed to be done on this front, we have therefore targeted that by end of 2017 all facilities for Phd. Program should be put on place. He also mentioned about the placements being offered to the students of the University by various companies visiting the campus for placement. He further informed that Accenture has recruited 65 Students this year for which Ms. Meenakshi Gupta, Assistant Professor/ Placement officer, Department of Computer Science & Technology and Department of Electronic Communication & Engineering deserve accolades. Last year they had recruited 42 Candidate. With these words, he concluded his remarks and requested the Registrar to carry out the proceedings of the Council. The Registrar then took up the agenda of the meeting one by one as follows;

3.2 Confirmation of the Minutes of the last meeting of the Academic Council held on 13.01.2016.

The Academic Council was informed that Minutes of the last meeting held on 13.01.2016 were circulated to all the members vide letter no. MRU/AC (A&M)/2015, dated 21.01.2016, no comments were received from any one of the members. The Council was requested to approve the Minutes.

Decision: Academic Council approved the Minutes of the last meeting.

3.3 Action Taken Report on the decisions taken in the Second meeting of the Academic Council.

Ag. No.	Agenda	Decisions	Action Taken thereon
2.1.	Opening remarks by the Chairman	-	-
2.2	Confirmation of the Minutes of the last meeting of the Academic Council.	The Academic Council confirmed the minutes of the last meeting.	Action were taken as approved
2.3	Action Taken Report on the decisions taken in the First meeting of the Academic Council	Academic Council took the "Action Taken Report "on record	.-
2.4	Matters for Information	Academic Council took all the above information on record.	No action required.
2.5	Matter of Ratification	Academic Council ratified the action taken by the	No action required

		University	
2.6	Admission policy for ongoing B. Tech., M. Tech. MBA and B.Sc. (H) programs for the Academic Session, 2016-17	1. Academic Council approved the proposal,. 2. An Equivalence Committee be constituted by the Vice Chancellor at the University level to decide the equivalence of degrees /diploma acquired from the Indian/ Foreign Institutions	Incorporated in the Admission Brochure 2016-17. An Equivalence Committee has been constituted by the Vice Chancellor.
2.7	Admission Policy for admission to the new UG/ PG programs i.e. B.A. (Hons) Economics, BBA (CC) and M.Sc. in Physics, Chemistry and Mathematics proposed to be introduced from the session 2016-17.	Academic Council approved the admission policy for the above programs with the stipulation that the candidates having Economics as one of the subject in 12 th Class should be given 5% weightage while deciding their eligibility for admission in the B.A.(Hons) program.	Incorporated in the Admission Brochure of 2016-17 except for the program B.A. (Hons) in Economics which was decided not to be started.
2.8	Policy for admission to B.Ed. & Integrated B.Ed. programs	Academic Council approved the proposal,.	Incorporated in the Admission Brochure, 2016-17 subject to approval from the NCTE. The program could not be started as the approval from the NCTE for both, B.Ed and the Integrated B.Ed. Programs is received for the session 2017-18.
2.9	Approval of Course Curriculum and Scheme of Examination for the B.Sc. (Hons) Programs in Phys., Chem. and Maths.	Academic Council approved the same with suggestion to review the course contents and authorized the Vice Chancellor to approve the same.	The matter is under process.

2.10	Approval of Regulation on Unfair means in the Examination	Regulation be reviewed and taken up in the next meeting of the Council.	It is taken as Agenda No 3.11 of the meeting for consideration of the Hon'ble members.
2.11	Approval of ordinance relating to Maintenance of Discipline among the Students.	Academic Council recommended for approval of the same by the Board.	The Ordinance was approved by the Board of Management and sent to the Director, DHE for approval of the Govt. and Gazette notification as required in the Act.
2.12	Approval of panel of Experts for Board of Studies, Faculties and Selection Committees.	Academic Council approved the names of experts from each stream for the academic departments.	The approved panel is kept for record and being used by the Departments.
2.13	Approval of Admission Brochure for the session 2016-17.	Academic Council approved the Admission brochure for the year 2016-17.	Admission Brochure was published for circulation amongst the aspiring candidates and for the use of the faculty members and officials.
2.14	Reservation and Relaxation to wards of Kashmiri migrants	Academic Council took the contents of the order of DHE, Panchkula on record.	Policy was incorporated in the Admission brochure ,2016-17
SA-2.1	Approval of guidelines for conduct of examination/ supplementary examination, evaluation, paper setting, format of form / letters to be used by examination Branch and instructions to be followed by Superintendents of Examination and invigilators.	Academic Council approved the Guidelines for the conduct of Exams/ Supplementary Exams and formats of forms/ letters.	The University has adopted it in practice and taking actions accordingly.
SA-2.2	Approval of the format of Grade Card for Semester Examinations & Consolidated Result Card for B. Tech.	Academic Council approved the same with advice that SGPA should also be mentioned in the Consolidated Result Card along with the Semester	Adopted in practice by the University.

	Programs	Marks of each semester.	
SA-2.3	Starting of MBA (Dual specialization) programs.	Academic Council approved the proposal.	The Program could not take off.
SA-2.4	Starting of two years MBA (Executive) program and one year PGDBA (Executive).	Academic Council approved the proposal in principle but desired that program structure of the program be reviewed. Vice Chancellor was authorized to approve the same.	The Programs could not take off.
SA-2.5	Starting of PG Diploma in Digital Marketing (week end) duration nine months.	Academic Council approved the proposal.	The Programs could not take off

One of the Hon'ble Members of the Council sought clarification with regard to Action Taken Report in respect of MBA Programs. It was clarified that Program was notified in the Admission Brochure 2016-17 but due to non availability of the applicants, it could not be started. The Academic Council was requested to take the Action Taken Report on record.

Decision: Academic Council took the Action Taken Report on record.

3.4 Matter for information

The Hon'ble Members of the Council were apprised of the achievements made by the Faculty/Students, MoU, Agreements and Industrial Collaborations and important events that took place during the last 9 Months. A presentation in this regard was made by the Dean, Academics covering the points as under:

(a) Faculty Achievements

i) Prof. (Dr.) Sanjay Srivastva, Vice Chancellor has achieved the distinction of being nominated as **LAHTI UAS Honorary Research Fellow** by the LAHTI University as a token of long and meaningful contribution made by him to the University and collaboration in academic & other efforts. This honorary position entitles him to

represent LAHTI UAS on various international forums for Academic improvement, research and development.

ii) Manav Rachna University is '**Advanced Academic Partner**' with **Infosys Ltd.** under their **Campus Connect Program** (soft skill and technical tracks) since 2009. Infosys Campus Connect Program aims at evolving a model through which Infosys and Engineering institutions can partner for competitiveness to prepare industry ready professionals by aligning and enhancing their competencies with the needs of the industry. The Inspire Faculty Excellence Awards, which is an annual event, were given at **Infosys, Chandigarh** on 29th June, 2016

The faculty members involved in Infosys Campus Connect Training programme achieved the following distinctions and honours:

Award for the Distinguished Facilitator:

Ms. Hanu Bhardwaj, HoD Computer Science & Technology Department, won the **first prize** under the '**Inspire Faculty Contest for Distinguished Facilitator**' for **successfully incorporating Agile Methodology** in first year programming courses at Manav Rachna University. **A tablet PC** has been given as **an award**. The approach adopted by the department got appreciation from the Infosys and institute partners.

Silver and Bronze faculty partners:

Thirty one faculty members from MRU have been recognized as **BRONZE** and **SILVER partners** under the 'Campus Connect Faculty Partnership Model' in the year 2015. Noteworthy, Manav Rachna University got the **maximum faculty partnership awards** in Northern region. These awards have been given in recognition of outstanding efforts of the faculty members in successfully conducting Campus Connect activities at the university and undergoing various training programs conducted by Infosys in the year 2015.

Seventeen faculty members have been recognized as **bronze partners** under the **soft skills program**. Under technical track, **Three** faculty members have been recognized as **silver** faculty partners and **Eleven** faculty members as **bronze** partners. The faculty

members have been enabled by the **Infosys Campus Connect** Team for imparting training to the students.

(b). Students Achievements

- **Team Cronos** comprising of Akash Lohan, AnjanKar, Sahil Tanwar, Rahul Sharma and Himanshi Bhadana **bagged the second prize for its coveted project “Klodo.**
- **Team Eyeluminati** comprising of Roopam Sharma (CSE 4th Year) and Neeraj Saini (ECE 3rd Year) **secured 2nd position** and scored **a honorable mention at the World Finals of the MIT's Global Startups Workshop Competition** held from 21st to 23rd March 2016, at Hyderabad. During the finals, 10 teams from across the globe competed, team from Massachusetts Institute of Technology secured the first position followed by Team Eyeluminati from Manav Rachna who took the second place and also secured an honorable mention.
- Roopam Sharma student of 4th Year CST department Selected for **“India’s top innovators under 35”**India Edition being organized by Mint, the financial daily from the stable of HT Media Ltd, and MIT Technology Review, published by the Massachusetts Institute of Technology (MIT). Roopam Sharma is going to be mentored by John Chambers, Founder Chairman Cisco.
- The IEEE Delhi section in its award ceremony at MSIT held on 23rd April 2016 for the year 2015-16 awarded **Sunakshi Mehta**, the Chairperson of MRU IEEE with the **Outstanding Student Volunteer Award** for the second year in a row. **Upasana Nagpal**, the chairperson of MRU IEEE WIE was awarded **Outstanding WIE Student Volunteer Award.****Vakul Sehgal**, the Vice Chairperson of MRU IEEE was awarded with **Dr. JK Pal Memorial Best Student Volunteer Award.** Also, **Vakul Sehgal** was felicitated for being **an active coordinator of SAC Team of Delhi Section.**
- Anmol Dhingra of CSE being a winner of **Big Data & Hadoop** competition organized during Cognizance 2015 at IIT Roorkee, **received the special invitation this year** to compete with the winners of **Zonal rounds during Cognizance 2016**, held from 18th to 20th March 2016.

- Students from ECE Department participated at Utkranti 2016, Technical Fest of IIT Madras, organized from 2nd to 7th March and **secured 3rd position in Robotics event.**
- Two teams from B. Tech. first year participated in the Maze Solver competition during the Technical fest of Chandigarh University organized from 17th to 19th March, 2016. **Team comprising of Ankit & Mayank stood 3rd and were awarded cash prize of Rs 5000/-.**
- Students from B. Tech. First year participated in Inter-District event '**IGNIDEA 2016**' organized by The Environment Club and the Planning Forum of DAV Centenary College on 11th April, 2016. **Abhinav Sharma (CSE) and Ashu Singhal (ME) bagged I prize in quiz competition.**

(b) MRU Recognitions:

- MRU has been ranked 10th among all the private engineering institutes and 29th among all engineering institutes across the country by Times Engineering Survey (TOI, May 27, 2016).
- Prof. (Dr.) Sanjay Srivastava (VC, MRU & MD, MREI) has been awarded Honorary Research Fellowship of Lahti University of Applied Sciences (LAMK-UAS), Finland. This rare honour was bestowed upon him by the Hon'ble Prime Minister of Finland Mr. Juha Sipila, who was in India for the "Make in India Week" on the invitation of Prime Minister Modi

He is amongst the only Three Research Fellows of LAMK-UAS Helsinki and is the First Asian Honorary Research Fellow of LAMK-UAS. Prof. Allan Barell (Univ. of Cambridge) and Professor Lene Foss (The Arctic University of Norway) are the previous Two Honorary Research Fellows of LAMK-UAS. This honorary position will entitle Dr. Sanjay Srivastava to represent Lahti UAS on various international forums for academic improvement, research and development. It would also enable him to enhance Lahti UAS relations with Indian and other international universities as per policies of Lahti UAS Helsinki.

(c) MoUs / Agreements/ Collaborations

- **International Collaborations:**

The purpose of collaboration of MREI with foreign Universities is that an International exposure, in today's scenario has become a precondition for success for students. Graduate schools need to be firmly embedded in the global science landscape. Such tie-ups with overseas Universities not only aid in pooling of resources, but also help in facilitation of supervision processes and ultimately leads to an ambitious programme being run at the graduate and post graduate level for students having International education experience is an incredible resume booster, as it shows prospective employers that the applicants are motivated, independent, and generally more qualified. With this aim in mind, MREI has academic collaborations with several International Universities including Autonomous University of Sinaloa, Mexico, Purdue University, Indiana, Lahiti University, Finland, Hasan Kolyunko University, Turkey, Istanbul Kultur University, Istanbul, Istanbul Commerce University, Istanbul, Berlin Technical University, Berlin, EIA University, Columbia and Lady of the Lake University, Texas.

(i) Highlights of Collaborations with LAMK (Finland)

PARTNER UNIVERSITY - LAHTI UNIVERSITY OF APPLIED SCIENCES, FINLAND		
ACTIVITIES/INITIATIVES/EVENTS	DURATION	DESCRIPTION
VISIT TO MR CAMPUS	October, 2015	Dr. Outi (CEO, LAMK Finland), Dr. Pia (Faculty of Technology) and Prof. Harry (Design Institute) visited the campus. The opportunities of collaborations between both the universities were discussed.
INTERNATIONAL HONORARY RESEARCH FELLOW	February, 2016	Prof. (Dr.) Sanjay Srivastava (MD MREI & VC MRU) has been awarded Honorary Research Fellowship of Lahti University of Applied Sciences (LAMK-UAS), Finland. This rare honour was

		bestowed upon him by the Hon'ble Prime Minister of Finland Mr. Juha Sipila, who was in India for the "Make in India Week" on the invitation of Prime Minister.
<p align="center">SMART CITIES IN SMART REGIONS CONFERENCE, LAMK, FINLAND</p>	<p align="center">May, 2016</p>	<p>LAMK partnered with MR (including other renowned universities) in organising First International Conference on "SMART CITIES IN SMART REGIONS 2016".</p> <p>Prof. (Dr.) Sanjay Srivastava (MD MREI & VC MRU) & Dr. N.C. Wadhwa (VC MRIU) were invited to present the Theme keynote (10th May, 2016) during the conference. MREI and LAMK have entered in to an ACADEMIC AGREEMENT to develop academic and cultural interchange through mutual assistance in the areas of education and research.</p> <p>MRU participated as:</p> <p>International Steering Committee Member (Meena Kapahi & Dr. Megha Mittal)</p> <p>Technical Reviewer Committee Member (Meena Kapahi, Dr. Megha Mittal, Prof. (Dr.) Meenakshi S Khurana, Prof. (Dr.) B.M. Bahal, Prof. (Dr.) A.K. Gupta, Dr. Sujata Dash)</p> <p>Oral Presenters LAMK, Finland (Meena Kapahi & Sanjana Malhotra)</p>
<p align="center">VISIT TO MR CAMPUS</p>		<p>Dr. Juhani visited the campus, meeting were conducted at VC office with the Deans and faculty members of all the faculties of MREI. The detail of the PhD program at MRU was shared with him.</p>

STUDENT EXCHANGE AT MR	September to January, 2017	Three students from LAMK are at MRU for their 5 months project work related to community and environment. They are visiting the rural and urban waste management facilities by Municipal Corporation Faridabad and shall working under the guidance of Ms Meena Kapahi and Prof Rajat Gera.
STUDENT EXCHANGE SPRING 2017 at LAMK	January to May, 2017	LAMK is inviting applications from students under the students exchange program Spring 2017 (Jan - May 2017) in various faculties.
EDUCATIONAL TRIP at LAMK	February to March, 2017	Applications are being invited from the students of B.Tech. III semester for the 2 weeks educational trip at Finland.

(ii) Purdue Next :

MRU and Wiley India have entered into a professional arrangement. Wiley India is a subsidiary of John Wiley and Sons inc., the *numero uno* publishing company in the world. They have an education vertical through which they have forged a partnership with Purdue University. This partnership with Wiley shall lead to launching of cutting edge online courses directly by the Purdue University to students. In the current semester an **online course on ‘Sustainability Strategies’ is being offered to the B Tech (2015-19 Batch) and MBA (2015-16) Batch**. A total of 154 students are enrolled for the course. The course is being offered under the elective basket theme ‘Environmental Ethics & Sustainability Development’.

(iii) iCarnegie:

iCarnegie, a subsidiary of Carnegie Mellon University, Pittsburgh USA and MREI have signed an MoU to share their Learning Management System covering subjects related to Computer Engineering/ Information Technology with MRU for its students studying in B.Tech Programmes. **iCarnegie's Software development program (SDP-02) was carried out in workshop mode for B.TECH 2015-19 (CSE,IT,ME,ECE) students.**

While learning how to develop simple java applications, the students got experience of using application interfaces, abstraction, generalization, and other crucial engineering concepts using objects as a key strategy to control complexity and support reuse. Using basic design concepts such as flowcharts, pseudo-code and Unified Modeling Language (UML) diagrams while developing applications, producing useful client-side applets and standalone applications, based on realistic requirements similar to those they would receive from an actual client or employer.

- **Industrial Collaborations**

- (i) Su- Kam : Establishment of Centre for Smart Solar Energy'**

MREI signed MoU with Su-Kam Power Systems (28th October, 2015) with a purpose of collaboration on Academic and Research areas. To enrich the learning experience of its stakeholders a 'Centre for Smart Solar Energy' has been established in campus and was inaugurated on 13th April 2016. The Centre provides "in field" exposure to both faculty members and students of the latest developments in the field of solar energy and its commercial applications in the area of energy generation, storage and deployment. Apart from training in-house faculty and students of MREI, Centre conducts various advanced trainings for professional working in the area.

- (ii) Venture7 Technology Private Limited: SkyTesters Centre of Excellence (COE)**

at Manav Rachna University is an initiative of Venture7 Technology Private Limited. Manav Rachna University and Venture7 Technology Private Limited established cooperative relations between the two on Sept 19, 2016, especially to bridge the gap between academia and industry through mutual assistance in the areas of education and current industry trends. SkyTesters is one of the best software testing companies in India who deals in B2B web & mobile app testing services. SkyTesters focus on QA strategy, crowd source testing, and test automation. Within a year of incorporation, company is assisting largest media group of India, one of most reputed healthcare group in USA and 20+startsup in India, Singapore and USA. SkyTesters has been awarded as a "Most Innovative Technology Company" at Delhi Edge Conclave on May 2016.

This association will enable students to work on industry products/projects assignments of Venture 7 and/or their customers. **Students will get hands-on in manual/automated testing by working on many live projects like BookMyTrain, Snapdeal, Grofers, Gaana, Curofy and many more.**

(iii) Cygnus Hospitals

With the objective to provide industry ready and employable candidates, Cygnus Medicare Pvt. Ltd. and Manav Rachna University (MRU) signed an MoU to provide trained manpower in the Health Care sector and joined hands to bring structured BBA (Healthcare Management) program specializing in Health Care Management. This relationship provides students, one year practical training with Cygnus Hospitals.

(iv). SAP (Systems, Applications & Products in Data Processing) student Academy:

Manav Rachna Educational institutions (MREI), have collaborated with SAP SE to offer extensive range of courses to all its students. SAP Student Academy is designed to provide cutting-edge and effective SAP training to aspiring students. This will enable them to bridge the industry-academia gap and enhance their employability and entrepreneurship opportunities. The academy provides opportunity to Manav Rachna University (MRU) students and faculty to for SAP Student Academy programs in campus.

• MOU with CL Media (Accendere)

An MOU was signed between CL Media (CLM) and Manav Rachna University (MRU) to establish Industry Academic Research Collaboration in areas of Mutual Interest on 27th May 2016. CLM through Accendere shall setup process and produce research papers & external support in publishing in relevant indexed Journals like Scopus/SCI/WOS or present in relevant conferences. Further Accendere would encompass variety of activities enabling the faculty and students understand the process, formation of research groups, selection of faculty mentors from MRU and identification of research topics for research groups.

Accendere would provide all support to enable research groups of students in identifying research problems, literature survey, conducting review of literature, progress in research to its conclusion and publishing research work in relevant journals and filing of Patents if any.

(d) Important Events:

i) National Conference on “Emerging Trends and Innovations in Electronics and Telecommunication Engineering (June 28th, 2016).

Department of Electronics & Communication Engineering organized its first National Conference on ‘Emerging Trends and Innovations in Electronics and Telecommunication Engineering (ETIETE-2016), **technically co-sponsored by Institute of Electronics and Telecommunication Engineers (IETE) and Indraprastha Institute of Information Technology (IIIT, Delhi).**

Some of the key topics of interest at the Conference were ‘Wireless Sensor Network’, ‘Mobile Communication’, ‘Optical Communication’, ‘Nanotechnology’, ‘Image and Speech processing’, ‘VLSI System design’, ‘Embedded Systems’, Digital and Analog Circuit Design’ and the like. Dr. Manpreet Singh (Director AICTE) was the Chief Guest for the conference Inaugural. 64 Papers were presented and published (International Journal of Innovative Research in Computer and Communication Engineering)

ii) National Seminar on Climate Change and Disaster Management

National Seminar on ‘Climate Change and Disaster Management’ was organized by Manav Rachna Educational Institutions (MREI) **in collaboration with the Centre for the Study of Administration of Relief (CSAR)** on 18th June, 2016 at MR campus. The seminar saw the participation of approximately 100 participants from MR and other reputed institutes like YMCA, LIONS club etc. The lecture sessions began with the theme presentation on “Climate Change & Disaster Management” made by Dr. Harjit S. Anand (Chairman, CSAR and former Secretary, Govt. of India). The **keynote address** was delivered by **Dr. Kamal Kishore (NDMA). Hon’ble Justice (Dr.) Arijit Pasayat,**

Judge of the Supreme Court of India (Retd.), Chief Guest, in his presidential address discussed the preventive aspects of the **Disaster Management**.

iii) Concluding Ceremony for Class of 2012-2016 (July 9th 2016)

8th Semester passing out B.Tech. Students of Manav Rachna University and its Outstanding Achievers were felicitated at a highly motivational Concluding Ceremony in MREI campus. Over 200 students of MRCE, now MRU (Class of 2012-2016) were felicitated with Course completion certificates at the Ceremony

Following awards were presented on the occasion.

Awards	Awarded to	Achievements
Student Leadership Award(s): Awarded to student(s) who has/have evidenced ability to motivate other students and has/have successfully lead teams for specific organizational goals.	Sunakshi Mehta B Tech CSE	<ul style="list-style-type: none"> • President Student Council MRU for session 2015-16 • Chairperson IEEE Student chapter MRU • President Manav Rachna Leo Club and organized blood camps, projects with Prakashdeep NGO and number of activities at Govt. Girls High School at Mohna Village under Dr. O P Bhalla Foundation • Guest Speaker for the Workshop on Web Development, organized by Delhi section of IEEE at Jamia Hamdard University. • Received Best Student Volunteer awards for the year 2015-16 under Delhi Section IEEE
	Bhavesh B Tech CSE	<ul style="list-style-type: none"> • President Student Council MRU for session (2015-16) • President of Literary Society MRCE • Actively involved in organizing all the student activities in house • Introduced SPICMACAY Chapter at MRCE
Outstanding Achievers Awards	Akshita Sachdeva B Tech CSE	<ul style="list-style-type: none"> • Winner of Microsoft Imagine Cup National finals 2015, and represented Country at the International finals at Seattle • Winner of Yahoo Accenture Innovation Jockeys 4 for the project Manovue (the World's first Intelligent personal assisting system for the visually impaired) • Category winner of Yahoo Accenture Innovation Jockeys 3 for the project Saviour Suit and got an opportunity for a direct interview with

		Accenture
	Jehi Jha B Tech CSE	<ul style="list-style-type: none"> • Runner up for Microsoft Imagine Cup 2015 National Finals under World Citizenship Category • Represented India at BRICS Youth Summit Russia, 2015, in Science and Technology Group • Bagged 2nd Prize for the project MoveAid in Microsoft Imagine Cup 2014, National Finals under Innovation Category • In Microsoft Imagine Cup International Finals 2014, received 2nd prize of worth \$3000 in the competition Apps for Office Challenge for Project Molecule Maker • Microsoft Student Associate member (2014-2015) • Google Student Ambassador (2014-2015)
	Himanshu Khatter B Tech IT	<ul style="list-style-type: none"> • Selected among top 5 beta tester in honor beta testing program organized by by Huawei. He was awarded with many prizes and got the invitation to attend HUAWEI 2nd ANNIVERSARY CARNIVAL which is a global event scheduled on 12th of December in Shenzhen,China.
	Himanshi Bhadana B Tech IT	<ul style="list-style-type: none"> • Bagged second prize for its coveted project "Klodo". In Microsoft Imagine Cup National Finals, 2016 • Bagged 1st position In Microsoft Imagine Cup, 2015 National Finals in Gaming Category
	Priya Dugya B Tech CSE	<ul style="list-style-type: none"> • Bagged 1st position In Microsoft Imagine Cup, 2015 National Finals in Gaming Category
	Shefali Yadav B Tech ECE	<ul style="list-style-type: none"> • Bagged 3rd position In Microsoft Imagine Cup, 2014 and 2015 National Finals in world citizenship category
Academic Proficiency: Awarded to highest scorer in the program.	Parnika Gupta (ECE)	81.92 % ; 7 ^h University Rank in 3 rd semester; 15 th University Rank in 4 th semester , 12 th University Rank in 5 th semester and 38 th University Rank in 6 th semester
	Garima Mangla (IT)	77.82 % ; 8 th University Rank in 3 rd semester; 6 th University Rank in 4 th semester and 7 th University Rank in 5 th semester

	Deepak Gupta (ME)	78.96 % ; 9 th University Rank in 3 rd semester; 35 th University Rank in 4 th semester and 11 th University Rank in 5 th semester
	Ruchika Mangla (CSE)	82.46% ; 41 st University Rank in 3 rd semester; 1 st University Rank in 5 th semester and 23 rd University Rank in 6 th semester
Vice Chancellor's Award: This award will honor a student who has the best academic record (highest CGPA/%) in the University.	Ruchika Mangla B Tech CSE	-
Vice President's Award: This award will honor a student who has evidenced significant achievements at National Level.	Neha Valecha B Tech CSE	<ul style="list-style-type: none"> • Participated in World Skills Competition 2015, and got 2nd position in National Finals under IT Software Solution For Business (ITSSB) Sector • Runner up for Microsoft Imagine Cup 2015 National Finals under World Citizenship Category • Represented India at BRICS Youth Summit Russia, 2015, in Science and Technology Group • In Microsoft Imagine Cup International Finals 2014, received 2nd prize of worth \$3000 in the competition Apps for Office Challenge for Project Molecule Maker • In Microsoft Imagine Cup 2014, National finals positioned among top 5 finalists for the project Saviour Suit under Innovation Category • Microsoft Student Partners (2014-2015) • Represented Delhi Section Group at All India Student Congress (AISC 2014) held in Gujarat,
President's Award: This award will honor a student who has evidenced significant achievements at International Level.	Roopam Sharma: B Tech CSE	<ul style="list-style-type: none"> • Listed among the top 8 innovators of the country under 35 India Edition organized by HT Mint, and MIT Technology Review, and is nominated in the list of world finalists, Youngest in the entire list and only student candidate. He is being mentored by John Chambers Founder CEO, Cisco. • Represented India in the global finals of MIT's Global Start-ups workshop (MIT GSW) Business Plan Competition held at Hyderabad

		<p>and got appreciated for his ideas</p> <ul style="list-style-type: none"> • Winner of Microsoft Youth Spark Challenge for Change, 2015 - World Championship , attended 6 weeks of Leadership programme at Nicaragua and has been given opportunity to serve as a Microsoft Youth Spark Advocate • Winner of Microsoft Imagine Cup National finals 2015, and represented Country at the International finals at Seattle • Winner of Yahoo Accenture Innovation Jockeys 4 for the project Manovue (the World's first Intelligent personal assisting system for the visually impaired) • Category winner of Yahoo Accenture Innovation Jockeys 3 for the project Saviour Suit and got an opportunity for a direct interview with Accenture
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iv) Installation of ISHRAE Student Chapter at MRU

Student chapter of The Indian Society of Heating, Refrigeration and Air- Conditioning Engineers (ISHRAE) was installed on 12th September, 2016 at Manav Rachna University. For the ceremony Mr. Aneesh Kadyan President, Mr. Subir Das Student activity chair and Mr. Vikram Maini Executive Secretary of ISHRAE Delhi Chapter were present. Mr Piyush Mahendru (Assistant Professor ME) is the faculty coordinator from MRU for the chapter.

v) Blood Donation Camp:

MRU collaborated with Lions Club of Faridabad to organize a Blood Donation Camp on 16th September 2016. A total of 337 units of Blood were donated by students, faculty and staff of MRU.

Academic Council was requested to take the above in formations on record. The Council put its high appreciation and praise for all the above achievements made by the Faculty/Students and the University at large and give its concurrence for taking all the above information on the record.

Decision: Academic Council took all the information on record.

3.5 Approval of Research Supervisors

It was submitted for information of the Council that 47 Ph.D. scholars have been pursuing the Ph.D. Program which commenced in January, 2016. All the scholars successfully completed their Course work in July, 2016. The DRC of the Departments have allocated the supervisors for each Research Scholar. A list of Supervisors along with the names of Research Scholars was tabled by the Dean, Research in the Meeting and read for information of the Hon'ble Members. The Hon'ble Members expressed their all praise for creating a Research Environment in the University in such a short span and accepted the recommendations of DRC regarding allocation of Research Supervisors.

Decision: Academic Council approved the allocation of Research Supervisors.

Approved list is annexed as Annexure No. I

3.6 Approval of Admissions made to the UG/PG Programs for the Academic Session, 2016-17.

The Academic Council was informed that admissions to various UG/PG programs for the academic Session 2016-17 were started as per the schedule notified in the Admission Brochure. Right from the June, 2016 when our first counseling was held, the admissions were made in the University till 30th September, 2016 as per the eligibility condition approved by the Council for various UG/PG programs. Currently, 407 students are admitted to First year of all the UG programs, the details of which are as follows:

i) B.Tech.	- 284	iv).M. Tech.	- 04
ii) B.Sc.(Hons.)	- 30	v). M. Sc.	- 19
iii) BBA	- 66	vi) MBA	- 04

The classes were started from different dates i.e. B. Tech.(12.07.2016), B.Sc. (Hons) (08.08.2016) , BBA (14.07.2016) and M.Sc. (08.08.2016).The Program wise details of all the admissions along with the particulars of each student provided to the Members. It was pointed out by the HoD, Management and Dean, Academics that the name of one student was missing from the List of students of M.Sc. Physics similarly there are some discrepancies in the List of Students M.Sc Math and BBA Program. The council was assured that the figure would be rechecked and corrected after ascertaining from the departments. The Council approved the admissions after ascertaining the reasons of low admissions in M. Tech. & MBA programs.

Decision: Academic Council approved the admissions made in all the UG & PG programs for the Academic Session, 2016-17. A revised list of students annexed as Annexure No. II.

3.7 Admission policy for ongoing B.Tech. B.Tech (Lateral), M.Tech., B.Sc. (H), BBA and M.Sc. programs for the Academic Session, 2017-18.

Academic Council was informed that the university shall continue to offer all the existing UG/PG Programs except MBA program, which is proposed to be dropped, during the forthcoming Academic session, 2017-18. The program wise intake, eligibility condition shall be as follows:

I. Bachelor of Technology Programs (B.Tech.)

The university shall offer for B. Tech. Programs with intake as given below:

1. Computer Science and Engineering	: 180
2. Mechanical Engineering	: 120
3. Electronics and Communication Engineering	: 60
4 Information Technology	: 60

The admissions to the above programs shall be made on the basis of entrance test (MRNAT-2017) conducted by the Manav Rachna University. The merit list shall be prepared on the basis of 60% weightage of MRNAT 2017 and 40% weightage of aggregate marks in qualifying examination. Seats remaining vacant, if any shall be filled on the basis of score in Uni-GAUGE (second preference), JEE-Main 2017 examination (third preference) or marks scored in qualifying examination (last preference).

The following shall be the eligibility criteria:

The candidates should have passed 10 +2 examination from the CBSE/ State Boards or from any other recognized Board/Council with 60% in aggregate marks in 5 subjects with Physics, Mathematics and English as compulsory subjects.

II. Bachelor of Technology (B.Tech.), Lateral Entry.

The university shall also offer the above B.Tech. Programs with intake as given below through lateral entry:

1. Computer Science and Engineering	: 36
2. Mechanical Engineering	: 24
3. Electronics and Communication Engineering	: 12
4. Information Technology	: 12

The admissions to the above programs shall be made on the basis of entrance test (MRNAT-2017) conducted by the Manav Rachna University. However, in case of non-availability of the candidates from the above categories, vacant seats, if any, shall be filled on the basis of marks in the qualifying examinations.

The following shall be the eligibility criteria:

The candidates should have passed Diploma in Engineering in the relevant discipline of three years duration from the recognized Board/ or B.Sc. degree with Physics and Mathematics as subjects from a recognized University, as defined by UGC with atleast 60% marks in aggregate.

I) Bachelor of Science (B.Sc.(H)) Programs

The University shall continue to offer the B.Sc.(H) programs in three disciplines i.e. Physics, Chemistry and Mathematics with intake 25 in each during the next academic session, 2017-18.

Admission to the above programs shall be made strictly on the basis of merit. The merit shall be determined on the basis of marks or grade obtained in the MRNAT- 2017 and thereafter on the basis of marks in qualifying examination and achievement made in co-curricular and extra-curricular activities.

The following shall be the eligibility criteria:

Candidates should have passed 10 + 2 examination from any recognized Board with 50% or more marks in aggregate of three Science subjects (Phys., Chem. & Math./Bio) for B.Sc. (Hons) Chemistry and Phys.,Chem. and Math for B.Sc. (Hons) Physics & B.Sc.(Hons) Mathematics along with English.

Bachelor of Business Administration Program

The university shall continue to offer the above program with existing specializations and intakes during the session 2017-18 under the Department of Management and Commerce.

Admission to the above programs shall be made strictly on the basis of merit. The merit shall be determined on the basis of marks or grade obtained in the MRNAT- 2017 and thereafter on the basis of marks in qualifying examination.

The following shall be the eligibility criteria:

BBA (Health Care Management) in association with Cygnus Hospitals:

The Candidates having passed 10+2 examination from any recognized Board with 50% or more marks in aggregate.

BBA (Finance & Accounts) :The candidates having passed 10+2 examination from any recognized Board with 50% or more marks in aggregate.

(The Program has integration with US CMA (Certified Management Accountant) a USA Recognized professional qualification and Association of International Accountants (AIA) aligned curriculum).

BBA (Entrepreneurship & Family Business): The candidates having passed 10+2 examination from any recognized Board with 50% or more marks in aggregate

I). Master of Technology (M.Tech.) Programs

Three M. Tech. Programs, namely, M.Tech. in Computer Engineering (CE), M.Tech.in Electronic & Communication Engineering (ECE) and M.Tech.in Mechanical Engineering (ME) shall continue to be offered during the Session 2017-18 with existing intake 18 in each program.

Admission to the above programs shall be made on the basis of merit in GATE in the relevant stream. However, in the absence of GATE candidates, seat, if any remain vacant shall be filled on the basis of merit in the qualifying examination.

The following shall be the Eligibility Criteria:

M.Tech. (CE):“The candidate should possess B.E/B.Tech. in Computer Science & Engineering/ Computer Technology/ Information Technology/ MCA or equivalent with minimum 55% marks”.

M.Tech. (ME): “The candidate should possess B.E. /B.Tech. in Mechanical Engineering/ Production Engineering/Automobile Engineering/Industrial Engineering/Agriculture Engineering/Aeronautical Engineering/Marine Engineering/Mining & Metallurgy or equivalent with minimum 55% marks”.

M.Tech. (ECE): “The candidate should possess B.E/B.Tech. in Electronic & Communication / Electronics & Instrumentation/ Electronics Engineering/ Electronics Instrumentation & Control/ Electrical Instrumentation & Control/Instrumentation Engineering/ Control Engineering/ Electronics Engineering or equivalent/ M.Sc. Physics/ M.Sc. Electronics with minimum 55% marks.

Master of Science (M.Sc.) Programs

Three M.Sc. Programs, namely, M.Sc. in Physics, Chemistry and Mathematics with intake 20 each shall continue to be offered under the Faculty of Applied Sciences during the Session 2017-18.

Admission to the above programs shall be made on the basis of merit in MRNAT- 2017. However, in the absence of candidates, seats, if any remain vacant shall be filled on the basis of merit in the qualifying examination.

The following shall be the Eligibility Criteria:

M.Sc.(Chemistry) : Candidates having passed with 50% or more marks in B.Sc. (Hons.) Chemistry/ 60% marks in B.Sc. General (Physics, Chemistry & Maths/Biology)

M.Sc. (Mathematics) : Candidates having passed with 50% or more marks in B.Sc. (Hons.) Mathematics/60% marks in B.Sc. General (Physics, Chemistry & Maths)

M.Sc.(Physics) : Candidates having passed with 50% or more marks in B.Sc. (Hons.) Physics/60% marks in B.Sc. General (Physics, Chemistry & Maths)

i) Admission of NRI/PIO/ Foreign Nationals in 2017-18

a) Programs offered: The details of the programs available and eligibility criteria shall be same for all the programs as prescribed above.

b) Admission Procedure:

1. NRI/PIO/ Foreign Nationals seeking admissions in different programs in MRU may submit scanned copy of duly filled and signed application form downloadable from MRU website: www.iec.mru.edu.in along with scanned copy of the following certificates:

a). Academic Transcript translated in English (If original transcript is in a language other than English),the translated transcript in English shall have to be attested by Indian Embassy of the candidates Country or Embassy of Candidate's Country in India or by Head of Department, Department of Education, Province / Federal Government of the Candidate's Country.

b). Passport showing the name, address, validity, issuing authority, valid reason if any etc.

c).The candidates shall also be required to submit two letters of recommendation from the faculty, authorities of their pervious institution/school. In case of application for under graduate program one LOR may preferably be from school counselor.

2. On receipt of application form, MRU shall get the eligibility of the candidate confirmed for the applied academic program and convey to the candidate whether he/ she is eligible for admission or not.

3. A candidate who has been adjudged eligible for admission in a particular program shall be required to deposit the preliminary fee as under through Bank Transfer, after verification of which **MRU shall issue a Provisional Admission Letter** for facilitating the candidates to apply for Visa.

Prof. R.K. Singh Hon'ble Member of the AC, emphasized that University should try to introduce Interdisciplinary Innovative Programs instead of traditional Programs being offered/proposed to be offered. It was clarified by the Dean, Academic that during initial years of the University we would like to continue these programs but definitely as we progress further we would add Innovative Interdisciplinary programs. An proposal to start a new program B.Tech in Industrial Engineering and Management is already taken up as agenda of this meeting. The Council is requested to approve the proposal.

Decision: Academic Council approved the proposal.

3.8 Policy for admission to B.Ed. & Integrated B.Ed. programs.

The Council was apprised that the University shall offer B.Ed. & integrated B .Ed programs viz. B.A. B.Ed./ .B.Sc. B.Ed. programs with intake 100 each from the session 2017-18 under the Department of Education , approval for which has been obtained from the National Council for Teacher Educations (N.C.T.E) vide their letter no. NRC/NCTE/NRCAPP-10195/256th/meeting/2016/156767.dated 29 Aug, 2016 and Minutes of 257th Meeting of NRC held from 05th to 11th September, 2016 (Part 3) respectively.

Admission to the above programs shall be made strictly on the basis of merit of MRNAT 2017. The merit list shall be prepared on the basis of marks obtained in MRNAT 2017. Seats remaining vacant, if any shall be filled on the basis of marks in qualifying degree.

At the time of admission to the program, the student will need to indicate their selection of the subjects to be pursued for the discipline options and the accompanying pedagogic specializations for which they are applying, and these may be assigned on the basis of order of merit and availability.

Eligibility condition:-

B.Ed. Program (2 years) :- The Candidates should have passed with 50% or more marks aggregate in the Bachelor's degree and/or in Master's Degree in Sciences/Social Sciences/ Humanities, Bachelor's in Engineering or Technology with specialization in Science and Mathematics with 55% marks or any other qualification equivalent.

B.A B.Ed. Integrated (4 years): - The Candidates should have 50% or more marks, in aggregate in any discipline in the Senior Secondary /+ 2 or equivalent examinations conducted by any recognized Central/State Boards.

B.Sc B.Ed Integrated (4 Years): - The Candidates should have 50 % marks in aggregate in relevant discipline (Science- Medical/ Non Medical stream) in the Senior Secondary /+ 2 or equivalent examinations conducted by any recognized Central/State Boards.

Further, Council was apprised that University intends to continue with the Policy/Directive of the Director of Higher Education, Haryana received vide Memo No. 18/51-2000 UNP(4) endorsed on 29.12.2015 with regard to Kashmiri Migrants in the next academic year also which is as follows-

Reservation and Relaxation to wards of Kashmiri migrants in all the UG Programs

- i) Relaxation in cut-off percentage up to 10% subject to minimum eligibility requirements,
- ii) Increase in intake capacity up to 5% course-wise.
- iii) Reservation of at least one seat in merit quota in technical/ professional institutions,
- iv) Waiving of domicile requirement.

Council was requested to approve the proposal.

Decision: Academic Council approved the same.

3.9 Introduction of a new PG Program Master of Arts in Education M.A.(Education)

Academic Council was informed that University shall offer a new program M.A. in Education with intake 20 under the Department of Education from the Academic Session, 2017-18. A proposal to this effect has already been submitted to the Department of Higher Education, Govt. of Haryana on 14.09.2016 and a presentation also made before the ACS to the Govt., Haryana. Approval of the Govt. for starting the above program has been received vide their Memo no. 20 / 5- 2013 UNP (5), dated 30.09.2016.

Admission to the above programs shall be made on the basis of merit in MRNAT- 2017. However, in the absence of candidates, seats, if any remain vacant shall be filled on the basis of merit in the qualifying examination

The following shall be the Eligibility Criteria:

The candidates having passed with 50% or more marks in graduation in any discipline (with or without education as specialization)
The Council was requested to approve the Proposal.

Decision: Academic Council approved the above

3.10 Introduction of LLB (3 years), B.A.L.L.B (5yrs), BALLB (5yrs) and B.Com. LLB(5 yrs) Programs from the Academic session,2017-18.

The Council was apprised that the University intends to start four new law programs viz.LLB (3 years), B.A.L.L.B (5yrs), BALLB (5yrs) and B.Com LLB(5 yrs) Programs from the Academic Session, 2017-18.with intake 60 in each program under the Department of Law/ Faculty of Law, creation of which has been approved by the Board of Management in its fourth meeting held on 28.09.2016. A proposal to start the above programs has already been submitted to the Department of Higher Education, Govt. of Haryana on 15.07.2016 and a presentation also made before the ACS to the Govt., Haryana on 14.09.2016. Approval of the Govt. for starting the above programs has been received vide their Memo no. 20 / 5 - 2013 UNP (5) dated 30.09.2016.

The university shall apply to the Bar Council of India to seek its approval to start the above programs.

Admission to the above programs shall be made on the basis of merit in MRNAT- 2017. However, in the absence of candidates, seats, if any remain vacant shall be filled on the basis of merit in the qualifying examination.

The following shall be the Eligibility Criteria:

LLB: The candidates should have passed the Graduation in any stream with 50% or more marks.

B.A. LLB (Integrated) : The Candidates should have passed 10+2 with 50% or more marks aggregate.

BBA LLB(Integrated): The candidates should have passed 10+2 with 50% or more marks aggregate.

B.Com. LLB (Integrated):The candidates should have passed 10+2 with 50% or more marks aggregate.

The Council was requested to approve the proposal for starting the above programs.

Decision: Academic approved the proposal to start the above Law programs.

3.11 Approval of Regulation on Unfair means in the Examination

Academic Council was informed that as per the provisions envisaged in sub clause iv (e) of the clause 8 of the First Statutes, the Academic Council has power to frame such regulations as are consistent with the statutes and ordinances regarding academic functions of the University, discipline, residence, admissions and examinations. A draft Regulation on the use of unfair means in the Examination, prepared by the Committee headed by the Dean, Examination, was tabled in the Second Meeting of the Council wherein it was decided that the Regulation be reviewed and taken up in the next meeting of the Council. The revised Regulation was placed before the Council for their perusal. There was a suggestion by the Members that the name of the Unfair Committee should be changed. After deliberation it was resolved that the Unfair Means Committee should be called as the Committee for prevention of Unfair Means in the examinations with this amendment in the regulation, it was unanimously approved.

Decision: Academic Council approved the above Regulation with modification that “Unfair Means Committee” should be substituted with the “Committee for prevention of unfair means” at all the places in the Regulation. Approved Regulation is annexed as Annexure No.III.

3.12 Approval of Regulation on prevention of Plagiarism in Research Work

Hon’ble members are well aware that Teaching & research is a novel profession based on extremely high moral values. There cannot be any room for claiming the credit for the work one has not undertaken. Many times it is observed that some of the “academicians/Research Scholars” knowingly or unknowingly publish or present other’s work as their own. Such acts not only affect healthy academic atmosphere but also harms the reputation of the institute as well as the individual. It is, therefore, important for an academic institute to have in place a policy on plagiarism to avoid such type of acts.

Considering the above, a Regulation on prevention of Plagiarism in Research Work was prepared by the University for Consideration of the Council. The Council was requested to approve the same. The Hon’ble Members said that the Regulation was well drafted and covers all the points even the cases of plagiarism at the level of UG/PG Programs/Projects. The regulation was approved unanimously.

Decision: Academic Council approved the above Regulation on prevention of Plagiarism in Research Work. Approved Regulation is Annexed as Annexure No. IV.

3.13 Reorganization of Master in Business Administration (MBA) Programs

The Academic Council was informed that University intends to reorganize the MBA programs from the academic session, 2017-18 for the reasons these programs are not attracting adequate number of candidates, the number of aspirants have reduced to such a level it is becoming difficult to sustain this program. The reorganization of the program has also become necessary for logistical optimization.

The clause 8 (x) (b) of the First Statutes of the University which is approved and notified by the Haryana Education Department , Haryana Government vide Notification No.KW 20/5-2013 UNP (5) dated the 2nd February, 2016, empowers the Council to propose introduction, modification and removal of programs leading to award of degrees, diplomas and certificates.

In view of the above, it is proposed to reorganize all the MBA Programs from the session, 2017-18. The classes shall be held in conjunction with MRIU students of the similar programs.

Hon'ble members deliberated over the proposal and approved the same.

Decision: Academic Council approved the proposal.

3.14 Any other matter with the permission of chair.

1. Approval of Program Structure & Syllabus for B. Tech. Computer Science & Engineering and Information Technology.

Academic Council was informed that the Program Structure for all the Semester of the above two B. Tech programs were approved by the Board of Management in its first meeting held on 10.03.2015. The program is now in 3rd Semester, the teaching instructions were imparted during the first two semester as per the draft syllabus and the Third Semester teachings is on the basis of the draft syllabus of the programs. Since, the examinations are due to be held in the Month of Dec 2016, it has become inevitable to get the same approved by the statutory bodies. The BoS of the Department and BoF of Faculty of Engineering have already approved the Draft syllabus for the above Programs. Now, it is placed before the Academic Council for its consideration and approval.

The Council after deliberation approved the proposed syllabus for B. Tech. Computer Science & Engineering and Information Technology with advice that henceforth, it should be submitted well in advance of the date of the Meeting.

Decision: Academic Council approved the syllabus and program structure of B. Tech. Computer Science & Engineering and Information Technology with the stipulation that henceforth, such documents be submitted for perusal of the Members of the Council well in advance of the date of scheduled Meeting.

Supplementary Agenda

S.A.1 Approval of Admission Brochure for the Academic Year 2017-18

Academic Council was informed that a team of senior faculty members under the supervision of the Dean, Academics prepared the draft of the Admission Brochure, 2017-18 which is placed for consideration of the Hon'ble members of the council. One of the Hon'ble Member mentioned that there was no need to place it before the Council. It was clarified by the Registrar that there are various issues technical in nature such as dates of Counseling and last date of closing of admission, procedures to be followed by the Admission Committee etc. which sometimes helps in litigation matters and therefore it is submitted, to the Council for its concurrence. The Council after having gone through the contents in brief, approved the same.

Decision: Academic Council approved the same.

S.A.2 Introduction of New B. Tech. Program, Industrial Engineering & Management from 2017-18

It was submitted for information of the Council that the Department of Mechanical Engineering of the University intends to start a new B. Tech Program in Industrial Engineering & Management with intake 30 from the academic session, 2017-18. The bachelor degree program in Industrial Engineering & Management communicates the basics of technical and scientific subjects, and equips students with a broad spectrum of knowledge in engineering. In specialized courses the students additionally acquire scientific competence in technically relevant and economic areas of focus, as well as social skills. Industrial engineers and managers are in demand all over the world: Graduates are endowed with the necessary expertise, methodological competence, and problem-solving skills to cope with technological challenges under consideration of economic aspects, and to recognize and make creative use of promising business opportunities. Academic Council was requested to approve the proposal for starting the above B. Tech. program which the council approved unanimously.

Decision: Academic Council approved the same.

S.A.3 Approval of Program Structure & Syllabus for First year of the BBA and MBA Programs

Hon'ble members of the Academic Council were informed that the University has been offering the MBA Programs with different specializations under the Department of Management and Commerce from session 2015-16 and started offering BBA programs with specialization in Health Care Management, Finance and Accounts and Family Business & Entrepreneurship, as approved by the Council and Board of management from the session 2016-17. The MBA programs is in its 2nd Year. The program structure for the MBA program was approved by the Board of Management in its first meeting held on 10.03.2015. First Semester of the BBA Program is in progress, teaching instructions for MBA & BBA Programs are being given to the students as per the draft Curriculum of the programs. End Semester examinations are scheduled to be held in the month of December, 2016, therefore, it has become necessary to get the syllabus for the MBA Programs and 1st Semester Syllabus for BBA programs approved by the Statutory bodies. The BoS and Board of Faculty have already approved the Program Structure and Syllabus of the above programs. The copies of the syllabus were placed for consideration of the Hon'ble members of the council.

Prof. R.K. Singh, Hon'ble Member of the Council tried to ascertain the need for bringing the syllabus and program structure of the MBA for approval of the Council when program was proposed to be discontinued. He was clarified that the Students pursuing MBA program from the session 2015-16 are now in 3rd Semester, program is still in progress. Therefore, it was felt necessary to get the same approved by the Council. Further, it was pointed out by him that soft copy of the syllabus and program structure should have been sent at least one week in advance of the date of the Meeting for perusal of the Members as is not pragmatic for the Members to go through the contents of the syllabus and offer comments thereon in the meeting itself being voluminous in nature. The views expressed by the Prof. Singh was appreciated by all. With this clarification/submission the Council approved the proposed syllabus and program Structure for the above two programs i.e. BBA & MBA.

Decision: Academic Council approved the syllabus and program structure of MBA & BBA 1st semester with stipulation that henceforth, such documents be submitted for perusal of the Members of the Council at least seven days in advance of the date of scheduled Meeting.

S.A.4 Approval of Program Structure & Syllabus for B. Sc. (Hons.) & M. Sc. Programs - Physics, Chemistry and Mathematics.

It was submitted for information of the Academic Council that the Faculty of Applied Sciences through the Depts. of Physics, Chemistry and Mathematics has been offering

the B.Sc. Honors Programs from the session, 2015-16 and started offering M.Sc. programs from the session 2017-18 with the approval of the Council, Board and the Govt. B.Sc. Hons programs are in 2nd year and M. Sc. programs are in progress. Teaching instructions are being given to the students as per the draft Curriculum for both the programs. End Semester examinations are scheduled to be held in the month of December, 2016, therefore, it has become imperative to get the syllabus for both the programs approved by the statutory bodies. The BoS of the Departments and Board of Faculty of Faculty of Applied Sciences have already approved the Program Structure and the syllabus of the above programs. The copies of the syllabus were placed for consideration of the Hon'ble members of the council. The Council after deliberation approved the same.

Decision: Academic Council approved the syllabus and program structure of B.Sc (Hons.) and M.Sc. with the stipulation that henceforth, such documents be submitted for perusal of the Members of the Council at least seven days in advance of the date of scheduled Meeting.

(Dr. K. Singh)
Registrar / Member Secretary

Ref. MRU/AC (A&N)/2016

Dated: 01.12.2016

To

1. Ps to Chancellor for kind information to Hon'ble Chancellor
2. PS to VC for kind information to Hon'ble Vice Chancellor, MRU
3. PS to VP, MRIU for kind information to Hon'ble Vice President
4. Prof. (Dr.) V. K. Mahana, Pro-Vice Chancellor & Dean, Management
5. Prof. (Dr.) Meenakshi S. Khurana, Dean (Academics), MRU
6. Prof. (Dr.) M.R. Tyagi, Dean (Engineering), MRU
7. Prof. (Dr.) B.M. Bahal, Dean (Applied Sciences), MRU
8. Prof.(Dr.) S.K. Garg, Pro-V.C., Delhi Technological University, Delhi
9. Mr. P. Panda, Vice President, Maruti Udyog Limited, Gurgaon
10. Dr. R.K. Singh, Dy. Dean Academics, Univ. of Delhi & Faculty at Shree Ram College of Commerce-University of Delhi, New Delhi
11. Prof.(Dr.) P.K. Bhatnagar, Prof. ECE Deptt., University of Delhi, New Delhi
12. Dr. S. K. Goyal ,Executive Director, Star Wire(India) Ltd. & former President, FIA, 21/4 Mathura Road, Ballabhgarh-121004 (Haryana) .
13. Ms. Sanjana Malhotra, HOD, Deptt. of ECE, MRU
14. Ms. Hanu BHardwaj, HoD, Deptt. of Comp. Sci. & Technology.
15. Prof. (Dr.) Rajat Gera, HOD, Deptt. Of Management, MRU
16. Dr. Haider Abbas, HOD, Deptt. of Physics, MRU
17. Dr. Megha Mittal, HOD, Deptt. of Chemistry, MRU

18. HOD, Deptt. of Mathematics, MRU
19. Mr. Jaideep Singh, HOD, Humanities, MRU
20. Prof. (Dr.) A. K Gupta, Professor, Deptt. Of Chemistry, MRU
21. Prof. (Dr.) Jai Bhatnagar, Professor, Dept of CST
22. Prof. (Dr.) Rajeev Nandan Rai, Professor, Dept. of Mechanical Engineering
23. Prof. (Dr.) D.K. Sharma, Professor, Deptt. of Physics, MRU
23. Prof. (Dr.) B. D. Pathak, Prifessor, Mech. Engg., MRU
24. Ms. Meena Kapahi, Associate Professor, MRU
25. Dr. Y.K. Awasthi, Assistant Professor, MRU

MINUTES OF THE FOURTH MEETING OF THE ACADEMIC COUNCIL OF MANAV RACHNA UNIVERSITY HELD ON WEDNESDAY, DATED 12.04.2017 AT 11:00 A.M. IN THE BOARD ROOM, A BLOCK, MRIU CAMPUS, FARIDABAD.

A meeting of the Academic Council was held on 12.04.2017 in the Board Room, A- Block, MRIU Campus, Faridabad.

The following were present:

1. Prof.(Dr.) Sanjay Srivastava, Vice Chancellor;
2. Prof.(Dr) V.K. Mahna, Pro Vice Chancellor;
3. Prof.(Dr.) P. K. Bhatnagar, Professor, Dept. of Elecs, D.U;
4. Prof.(Dr.) R. K. Singh, Professor, Delhi School of Economics, D.U;
5. Prof.(Dr.) M. S. Khurana, Dean (Academics)& HoD (Mech. Engg.);
6. Prof.(Dr.) B.M. Bahal, Dean (Applied Sciences & Research);
7. Prof.(Dr.) M.R. Tyagi, Dean (Engineering);
8. Prof.(Dr.) Rajat Gera, HoD (Management & Commerce);
9. Prof.(Dr) Rajeev N. Rai, HoD, (Mech. Engg.)
10. Dr. Y.K. Awasthi, HoD (E & C Engg.);
11. Ms. Hanu Bhardwaj, HoD (Computer Science & Tech).;
12. Dr. Haider Abbas, HoD, (Physics);
13. Dr. Megha Mittal, HoD, (Chemistry);
14. Dr. A.K. Awasthi for, HoD, (Mathematics);
15. Mr. Jaideep Singh, HoD, (Humanities)
16. Dr. Babita Parashar, HoD (Education);
17. Prof.(Dr.) A. K. Gupta, Professor, (Chemistry);
18. Prof.(Dr.) B.D. Pathak, Professor /(Mech. Engg.);
19. Prof.(Dr).Jai R. Bhatnagar, Professor (CST);
20. Prof.(Dr.) D.K. Sharma, Professor (Physics);
21. Dr. Sangeeta Banga, Associate Professor (Mech. Engg.);
22. Ms. Meena Kapahi, Associate Professor (Mech. Engg.);
23. Dr. S.K. Shukla, Associate Professor;
24. Dr. Varsha Vahini, Associate Professor;
25. Dr. Kameshwar Singh, Registrar / Member Secretary;

Prof.(Dr.) S. K. Garg, Pro Vice Chancellor, Delhi Technological Univ., Delhi & Dr. S.K. Goel, Executive Director, Star wires(India) Ltd. Faridabad and Dr. Vandana Singh, Associate Professor, Dept. of Education, IGNOU, New Delhi could not

attend the meeting due to their pre-occupation in other professional engagements. They were granted leave of absence by the Chair.

The following are the minutes of the meeting:

4.1 Opening remarks by the Chairman:

The Chairman welcomed the Members present in the meeting and introduced the new members of the Academic Council. He extended a special welcome to all the new members of the Council and said the council shall be benefitted from the wisdom of new members. He further mentioned that the last semester has gone well in all respects whether it is academics or examination and declaration of the results. It was concluded in a time-bound manner for which all, especially Prof. Mahana, Prof. Meenakshi and the examination team deserve huge accolade. He also mentioned about the new admissions under Ph.D. Program and apprised the members that this time, the university has been little choosy as it was not getting the Supervisors to supervise and guide the scholars and therefore, took 29 candidates, out of which 26 have joined the program which is a sizable number for a new University.

The Chairman further mentioned that Manav Rachna University is becoming cashless and thrust is on to become completely cashless campus from December, 2017. The MR organized a national Conference on “Autonomy of Education” in association with Shiksha Sanskrit Uthan Trust on April 01-02, 2017. A large number of participants attended this conference. Hon’ble Governor of Haryana was the Chief Guest in its valedictory session. Manav Rachna Excellent Award ceremony was also organized on the day and awards were given to five eminent personalities for their significant role in the area of their work on the recommendation of a Jury headed by Padma Shri Prof. Pitam Singh.

Shri Rajan Nanda, President & MD, Escorts Group was honored with life time achievement award, Shri. R. C. Bhargava, President, Maruti Suzuki Group for nation building, Shri. Dinesh Kumar Sharaf, President & MD ONGC, for Corporate & Industries, Ms. Shradha Suri, MD, Subros Group, as Youth Eyes and Ms. P.V. Sindhu, Badminton Champion as sports icon.

The Hon’ble Governor also launched a book titled “The Timeless wisdom from Gita and the Art of Leadership authored by Prof. Sanjay Srivastva. The Hon’ble Governor lauded the efforts put forth by Prof. Srivastva to educate the masses with the messages emanating from Shrimad Bhagvat Gita.

The ceremony was followed by another event called INNOSKILL-I 2017, an annual technical event which was participated by large number of students of the University. The inaugural function was held on 03.04.2016. MD, Minda Group and MD & CEO Manish Kumar, NSDC was guest of Honour in the valedictory function held on 4th April, 2017. He put on record his appreciation to the outgoing

members, namely, Ms. Sanjana Malhotra & Dr. Deepa Arora for their contribution in deliberations of the Council. With these words, he concluded his remarks and requested the Registrar to carry out the proceedings of the Council. The Registrar then took up the agenda of the meeting one by one as follows;

4.2 Confirmation of the Minutes of the last meeting of the Academic Council held on 20.10.2016.

The Academic Council is informed that Minutes of the last meeting held on 20.10.2016 were circulated to all the members vide letter no. MRU/AC (A&M)/2015-16, dated 16.12. 2016, no comments were received from any one of the members. The Council was requested to approve the Minutes.

Decision: Academic Council approved the Minutes of the last meeting.

4.3 Action Taken Report on the decisions taken in the Third meeting of the Academic Council.

Sl. No.	Agenda	Decisions	Action Taken thereon
1.	Opening remarks by the Chairman	-	-
2	Confirmation of the Minutes of the last meeting of the Academic Council.	The Academic Council confirmed the minutes of the last meeting.	Action were taken as approved
3	Action Taken Report on the decisions taken in the First meeting of the Academic Council.	Academic Council took the "Action Taken Report "on record	.-
4	Matters for Information	Academic Council took all the above information on record.	No action required.
5	Approval of Research Supervisors	Academic Council approved the allocation of Research Supervisors	Allocation of supervisors made accordingly.
6	Approval of Admissions made to the UG/PG Programs for the Academic Session, 2016-17.	Academic Council approved the admissions made in all the UG & PG programs for the Academic Session, 2016-17	No further action required.
7	Admission policy for ongoing B.Tech. B.Tech (Lateral), M.Tech., B.Sc. (H), BBA and M.Sc. programs for the Academic Session, 2017-18	Academic Council approved the proposal	Admission policy was incorporated in the Admission Brochure 2017-18
8	Policy for admission to B.Ed. & Integrated B.Ed. programs.	Academic Council approved the proposal,.	Admission policy was incorporated in

			the Admission Brochure 2017-18
9	Introduction of a new PG Program Master of Arts in Education M.A.(Education)	Academic Council approved the same.	The Programs will be offered from 2017-18 and accordingly it is mentioned in the admission brochure 2017-18.
10	Introduction of LLB (3 years), B.A.L.L.B (5yrs), BBALLB (5yrs) and B.Com. LLB (5 yrs) Programs from the Academic session,2017-18.	Academic Council approved the proposal.	Program is inducted in the Admission Brochure 2017-18 subject to Approval from the BCI. The visit of the Committee of the BCI is awaited.
11	Approval of Regulation on Unfair means in the Examination	Academic Council approved Regulation with modification that "Unfair Means Committee" should be substituted with the "Committee for prevention of unfair means" at all the places in the Regulation	Approved regulation is circulated among the Faculties/Departments for information and concurrence.
12	Approval of Regulation on prevention of Plagiarism in Research Work	Academic Council approved the Regulation on prevention of Plagiarism in Research Work	Approved regulation is circulated among the Faculties/Departments for information and concurrence.
13	Reorganization of Master in Business Administration (MBA) Programs	Academic Council approved the proposal	No action required.
14	Approval of Program Structure & Syllabus for B. Tech. Computer Science & Engineering and Information Technology.	Academic Council approved the syllabus and program structure of B. Tech. Computer Science & Engineering and Information Technology with the stipulation that henceforth, such documents be submitted for perusal of the Members of the Council well in advance of the date of scheduled	Approved syllabus is being followed by the Department in practice. No further, action required.

		Meeting.	
SA-1	Admission Brochure for the Academic Year 2017-18	Academic Council approved the same.	Admission Brochure published accordingly.(Ar range copies for circulation)
SA-2	Introduction of New B. Tech. Program, Industrial Engineering & Management from 2017-18	Academic Council approved the same	A presentation was made by the University before the Govt., as desired by the DHE. Formal approval is awaited.
SA-3	Approval of Program Structure & Syllabus for First year of the BBA and MBA Programs	Academic Council approved the syllabus and program structure of MBA & BBA 1 st semester with stipulation that henceforth, such documents be submitted for perusal of the Members of the Council at least seven days in advance of the date of scheduled Meeting.	Approved program structure & syllabus is being followed by the Department in practice. No further, action required.
SA-4	Approval of Program Structure & Syllabus for B. Sc. (Hons.) & M. Sc. Programs - Physics, Chemistry and Mathematics.	Academic Council approved the syllabus and program structure of B.Sc (Hons.) and M.Sc. with the stipulation that henceforth, such documents be submitted for perusal of the Members of the Council at least seven days in advance of the date of scheduled Meeting.	Approved program structure & syllabus is being followed by the Department in practice. No further, action required.

The Academic Council was requested to take the Action Taken Report on record.

Decision: Academic Council took the Action Taken Report on record.

4.4 Matter for information

A). Constitution of Board of Studies and Board of Faculties for the Department of Education

Academic Council is informed that ,as per the clause 20 & 21 in the First Statutes of the University, Board of Studies and Board of Faculty of Department of Education have been constituted by the University with the approval of the Competent authority and office order thereof issued under intimation to all the concerned .

B). Students Achievements

It was submitted for information of the Hon'ble members that students of the University participated in various events organized by other institutions/organizations from time to time during the last seven months and achieved distinction in many activities/events. The highlights of the same are mentioned hereunder for information and record.

- Team **“TECHSPIRITS”** comprising of Vansh Mudgil, Tarun & Abhijeet (ME 8th sem) participated in **Valeo Innovation Challenge 2017 organised by Valeo Ltd Paris** and have been shortlisted as semifinalists. **Total of 1628 teams participated across the globe and out of these only 24 made it through the semifinals.** All the selected teams will be provided with the grant of **€5,000 to develop the prototype.** Team submitted the concept under the mentor ship of Dr. Y.K Awasthi (Associate Prof. ECE Department-MRU) and Final round of the competition will take place at Paris in October.
- **In September, 2016,** Neeraj Saini of ECE was invited by **University of Pennsylvania** to participate in **Fall's Penn Apps event.** He attended the same followed by another event **HackMIT organized at Massachusetts Institute of Technology.** He received funding of **USD 500 from University of Pennsylvania** to attend the event.
- **In September, 2016,** Neeraj Saini of ECE was invited to showcase his R&D work at the **HUB week. Founded by The Boston Globe, Harvard University, MIT** and Mass General Hospital, HUBweek is a first-of-its-kind civic collaboration that brings together the most creative and inventive minds making an impact in Boston and around the world.
- **Neeraj Saini of ECE has been recognized as one of the world finalists for the Tomorrow challenge 2016,** a global event for most promising Science Technology projects and Startups. The event was held at **Paris in the month of October.**
- **Team Grivaditi, Eye Luminatae from MRU got the Jury's choice award in Yahoo Accenture innovation Jockey's Season 5 held in October,2016 at Bangalore.**
- Three teams from MRU, **Team Path Finders (Alpana (ECE) & Nidhi Goel (CSE)), Team E2 (Vikrant Prashar (ME)) & Team MANAS (Kapil Tewatia (ME))** got shortlisted for the finals under different categories of Yahoo Accenture innovation Jockey's Season 5 and represented Manav Rachna University.
- **Team CHAIN RXN from MRU (ME Department)** Participated in competition **Efficycle 7** held at Lovely Professional University and was ranked under **top 20 out of 138 total teams** that participated from various institutes of the country.

- Aman Bhardwaj of B.Tech. CSE 2nd year and Yuvan Saluja of B.Tech. CSE 1st year participated in the Extempore held in Students' Pulse session during the 30th TIFAC Foundation Day organized at IIT, Delhi Yuvan Saluja got the 3rd position and received certificate from Dr. Prabhat Ranjan, ED, TIFAC.
- Students of Manav Rachna University participated in a **State Level Event, 'IGNIDEA 2017'** organized by the English Literary Society, the Environment Club and the Planning Forum of DAV Centenary College, Faridabad on 22nd March 2017. Alpana Bhanot (ECE 3rd year) bagged second prize in English Debate Competition. Shailaish Raathi and Shubham Aggarwal (ME 3rd year) won second prize in Quiz Competition.

Decision: Academic Council took all the information on record.

4.5 Matter of Ratification

(a) Admissions of Mr. Mudit Bhandari and Ms. Perna Sharma through Migration in B.Tech, CSE, 2nd Semester

Hon'ble Members of the Council were informed that the clause 3.1 of the First Ordinance of the University has the provision for the admission in 2nd and subsequent semesters through migration under UG program. Accordingly, request of two candidates Mr. Mudit Bhandari of MIT Manipal and Ms. Perna Sharma from SRM University, Modi Nagar were considered for admission in B.Tech, CSE , IInd semester and B.Tech, CSE IIIrd semester respectively by the committee headed by the Dean Academics of the University. The Committee after going through past academics performance of both the candidates and carrying out a mapping of the course studied by the candidates in the previous semesters and the one offered by the University in the semester, admissions are requested by the candidates, has recommended them for admission in B.Tech CSE 2nd semester subject to satisfying certain other requirements as minuted in the Minutes of the Committee. Both the candidates, namely, Mr. Mudit Bhandari & Ms. Perna Sharma were, accordingly, granted admissions provisionally in the B.Tech, CSE 2nd Semester after acceptance of the recommendation by the Vice Chancellor. The Council was requested to ratify the admissions made by the University.

Decision: Academic Council ratified the above admissions.

4.6 Approval of Panel of Experts for the Department of Education.

It was submitted for information of the Council that as per the provisions envisaged in sub clause x (n) of the clause 8 of the First Statutes, panel of experts has to be drawn by the Academic Council for constituting the Board of Studies, Faculty and the Selection Committees. Accordingly, HoD was requested to suggest the names of the eminent experts from the field of education for constitution of panel of expert for the Department of Education. Based on the suggestion received from the HoD, **a list containing the names of experts** is prepared by the University and tabled in the meeting for consideration of the Academic Council.

One of the Hon'ble member suggested that it be taken on record that as per the UGC mandate, only Professors would be called as an Expert for selection of the faculty members for all the three cadres i.e. Assistant Professor, Associate Professor and Professor. Also the name of Prof. Arvind Kumar Jha, Professor and Dean, Education, Mahatma Gandhi International Hindi University, Wardha, Maharashtra was included in the panel of proposed experts. With this , the Council approved the Panel of Experts for the Dept. of Education.

Decision: Academic Council approved the panel of experts for the Department of Education. A copy of the same is annexed as Annexure –I.

4.7 Approval of admissions made under Ph.D. Programs

Academic Council was informed that the University in year 2015 had decided to enroll 105 Research Scholars under the Ph. D programs in three faculties i.e. Faculty of Engineering (35), Faculty of Applied Sciences (40) and Faculty of Management & Humanities (30) and admitted 47 Research Scholars against these seats in 2016 for the above three faculties. Currently 43 research scholars are on the roll of the University.

The available 62 seats were further notified for admission in leading newspapers and on the University website in December 2016 for admission to Ph.D programs. In response to that 58 candidates applied for admission on different dates. The Departmental Research Committee of the Departments scrutinizes the applications to see the eligibility of the candidates and thus, shortlisted 39 Candidates for the written test which were conducted on three different dates. Four candidates were exempted from appearing in the Test as per the provisions in the Ordinance/Regulation and the remaining 35 appeared in the Test.

The candidates were further, interviewed by the DRC and the Selection Committee constituted for the purpose. Based on the marks scored by the candidates in the written test, presentation made before the DRC and performance in the interview, the Selection Committee recommended 29 candidates for admission to Ph.D. programs. All the selected candidates were issued the provisional admission letters with the approval of the Vice Chancellor, however, 26 candidates have joined the program. The classes for their course were started from 04.02.2017.

The Council was requested to approve the admissions under Ph.D. programs.

Decision: Academic Council approved the admissions of 26 candidates under the Ph.D. programs. List annexed as Annexure no. II

4.8 Approval of Program Structure and Syllabus for the B.Ed. & Integrated B.Ed. programs

Hon'ble members of the Academic Council were informed that the University shall start offering the B. Ed & Integrated B. Ed Programs under the Department of Education from session 2017-18. A Committee comprising of the HoD and other faculty members had deliberated at length on the issue and also made consultation with the eminent educationist in the field and based on outcome of the discussion, it has come out with the detailed program structure and syllabus for all the three programs which B. Ed (2 Years), B.A B. Ed (4Years) & B. Sc B. Ed (4 Years). The Copies of the program structure and syllabus for all the three programs were tabled in the meeting. The Council after deliberation approved the Program structure and syllabus for the B.Ed. n Integrated B.Ed. Programs.

Decision: Academic council approved the program structure and syllabus for the B.Ed. & B.A./B.Sc.B.Ed. programs.

4.9 Approval of Massive Online Courses to be offered by the University as per the MHRD guidelines on the subject matter

Academic Council was informed that this office has received a DO letter dated 30.01.2017 (received on 17.02.2017) addressed to the Vice Chancellor from the Secretary, UGC for submission of MOOCs courses approved by the University and the academic session from which the courses are going to be recognized. In the matter two communications referred therein were not received by the University. As per the contents of the communication, the University Grants Commission was asked by the Ministry of Human Resource Development, Government of India vide its letter No. F.8-2612014-TEL dated 21st July, 2016 to upload the List of MOOCs Courses which are proposed to be launched in August, 2016.

It is pertinent to mention here that the University Grants Commission has notified UGC (Credit Framework for Online Learning Courses through SWAYAM) Regulation, 2016 in the Gazette of India on 19th July, 2016 wherein credit transfer for online courses under SWAYAM platform of Government of India has been defined. The Regulations are also available on UGC website.

The Commission has asked the Universities to go through the List of MOOCs Courses and UGC Regulations available on UGC website and take appropriate action for introduction of MOOCs courses through SWAYAM platform of Government of India for the benefit of the students of the University after approval from the various academic bodies of the University.

To identify the courses a Committee comprising the Dean Academics (Chairperson), Deans & HoDs was constituted vide order dated 04.03.2017 the committee has now suggested that the following MOOCs courses may be offered by the University.

S. No.	Program/ Semester	Subject/	MOOC's Course Name	Department
1	M.A. (Education) Fourth Semester		Quantitative Methods	Education
2	Elective subject, Fifth Semester		Basic of Finite Element Analysis-1	Mech. Engineering
3	Elective subject, Seventh Semester		Food Law and Standards	Law * <i>subject to approval of the Program by BCI.</i>
4	Elective subject, Seventh Semester		Technology Transfer through Joint Venture	
5	B.Sc. (H) Mathematics, Fifth Semester		Probability and Stochastic for Finance	Applied Sciences
6	B.Sc. (H) Physics Elective subject -Fifth or Sixth Semester		Physics of Materials	

The Council was requested to approve the proposed MOOCs Courses proposed to be offered from the session 2017-18.

Decision: Academic council approved the same.

4.10 Approval of format of Degree Certificate for UG/PG Programs

It is submitted for information of the Hon'ble Members that a team comprising of the Pro VC, Dean Examination, Dean Academic and DR Academic & Examination after detailed deliberation on the issue, have finalized the draft format of the Degree Certificate meant for UG/PG Programs. The degree format contains six security features viz. Barcode, CR Code, Foote (student Name & Roll No.), Watermark, Students name in zero size & Logo Stamp. The sample of the Degree Certificate shall be tabled in the meeting. The Council after deliberation made a suggestion that name of the University should also be written in Hindi along with English. With this suggestion, the Degree format was approved by the AC.

Decision: Academic council approved the format of the Degree Certificate. Approved format of Degree annexed as Annexure No. III.

4.11 Any other matter with the permission of chair.

a) The Hon'ble members were further apprised with the Placement Details (July, 2016 – March 2017) as under:

- i) No. of Companies visited for campus placement - 28
- ii) No. of Students eligible for placement - 233

- iii) No of Students placed - 137
- iv) % Placed till March 2017 - 58.08%
- v) Highest package offered – Rs. 6.80 lacs per annum
- vi) Average package offered- Rs. 3.2 Lacs per annum

b) Hon'ble Chairman, at last, requested some of the senior faculty members to apprise the Council about the activities undertaken by the Depts. and developments made so far.

Pro. Jai R. Bhatnagar mentioned that the computing cluster has now research lab in the development with the support of hon'ble. Management, we have student winners at Microsoft imagine and Ericsson awards, copyrighting of work to commence. We also have planned summer internships 2017

Prof. Rajiv Nandan Rai, HoD, Mech. Engg. explained about the activities being under taken by the mechanical cluster. He stated that the cluster has been, presently, working for upcoming competition called SUPRA SAE (Formula car prototype). This event is likely to be held in September 2017. we have manufactured two electric bikes and one dragger at MRIIC Hangar. We won the first prize in ANVESHAN-2017 held at Chennai for our work on Air filters to be mounted on vehicles to remove pollution. On 24 march 17 three teams of ME MRU students participated in VALEO Innovation Challenge and one of our teams qualified in top 24 from all over the world.

Prof. B.M. Bahal, Dean, Research mentioned that on the initiative of management and senior functionaries of MRU, it was decided that research activities should start at Undergraduate Level also. ACCENDERE team from CL Educate along with the Faculty of Manav Rachna University jointly started the research program in II year B. Tech. in all branches (CSE, ME and ECE) as a regular course of one credit per semester. This initiative taken up from July 2016 onwards has already started giving encouraging results as research papers in Journals and conferences. Progress report of Atmospheric and Environment cluster from MRU was also shared with Council members. In total six conference papers were presented at YMCA University of Science and Technology in March 2017 by M Sc and B Tech CSE students. One of the conference paper of Ms Akanksha Ahuja was adjudged as the best paper in the category.

Prof. A.K. Gupta talked about Chemistry Department Activities and said that Chemistry Department had established a MR Chapter of Green Chemistry Network Centre (GCNC) at the campus. Department started an Invited Lecture Series where Expert Lectures were organized for students and faculty. Also a Green Chemistry Workshop and a Workshop on Innovative Laboratory Teaching Methodology was organized for B.Sc. and M.Sc. students. Students also had an

Industrial Visit to Shreya Pharmaceuticals, Roorkee and a visit to IIT Roorkee's Analytical Instruments Facility.

(Dr. K. Singh)
Registrar / Member Secretary

Ref. MRU/AC (A&N)/Vol. II/2017

Dated: 12.04.2017

To,

1. Ps to Chancellor for kind information to Hon'ble Chancellor
2. PS to VC for kind information to Hon'ble Vice Chancellor, MRU
3. PS to VP, MRIU for kind information to Hon'ble Vice President
4. Prof.(Dr) V.K. Mahna, Pro Vice Chancellor;
5. Prof.(Dr.) S. K. Garg, Pro Vice Chancellor, DTU, Delhi
6. Dr. S.K. Goel, Executive Director, Star wires(India) Ltd. Faridabad
7. Prof.(Dr.) P. K. Bhatnagar, Professor, Dept. of Elecs, D.U;
8. Prof.(Dr.) R. K. Singh, Professor, Delhi School of Economics, D.U;
9. Dr. Vandana Singh, Associate Professor, Dept. of Edu., IGNOU, NewDelhi
10. Prof.(Dr.) M. S. Khurana, Dean (Academics)& HoD (Mech. Engg.);
11. Prof.(Dr.) B.M. Bahal, Dean (Applied Sciences & Research);
12. Prof.(Dr.) M.R. Tyagi, Dean (Engineering);
13. Prof.(Dr.) Rajat Gera, HoD (Management & Commerce);
14. Prof.(Dr) Rajeev N. Rai, HoD, (Mech. Engg.)
15. Dr. Y.K. Awasthi, HoD (E & C Engg.);
16. Ms. Hanu Bhardwaj, HoD (Computer Science & Tech).;
17. Dr. Haider Abbas, HoD, (Physics);
18. Dr. Megha Mittal, HoD, (Chemistry);
19. Dr. A.K. Awasthi for, HoD, (Mathematics);
20. Mr. Jaideep Singh, HoD, (Humanities)
21. Dr. Babita Parashar, HoD (Education);
22. Prof.(Dr.) A. K. Gupta, Professor, (Chemistry);
23. Prof.(Dr.) B.D. Pathak, Professor /(Mech. Engg.);
24. Prof.(Dr).Jai R. Bhatnagar, Professor (CST);
25. Prof.(Dr.) D.K. Sharma, Professor (Physics);
26. Dr. Sangeeta Banga, Associate Professor (Mech. Engg.);
27. Ms. Meena Kapahi, Associate Professor (Mech. Engg.);
28. Dr. S.K. Shukla, Associate Professor;
29. Dr. Varsha Vahini, Associate Professor;

MINUTES OF THE FIFTH MEETING OF THE ACADEMIC COUNCIL OF MANAV RACHNA UNIVERSITY HELD ON FRIDAY, DATED 08.09.2017 AT 11:00 A.M. IN THE BOARD ROOM, H BLOCK, MRU CAMPUS, FARIDABAD.

A meeting of the Academic Council was held on 08.09.2017 in the Board Room, H- Block, MRU Campus, Faridabad.

The following were present:

1. Prof.(Dr.) Sanjay Srivastava, Vice Chancellor;
2. Prof.(Dr.) P. K. Bhatnagar, Professor, Dept. of Elecs, D.U;
3. Prof.(Dr.) M. S. Khurana, Dean (Academics)& HoD (Mech. Engg.);
4. Prof.(Dr.) B.M. Bahal, Dean (Applied Sciences & Research);
5. Prof.(Dr.) M.R. Tyagi, Dean (Engineering);
6. Prof.(Dr.) Rajat Gera, HoD (Management & Commerce);
7. Dr. Sujata nayak, HoD (Mech. Engg.)
8. Dr. Y.K. Awasthi, HoD (E & C Engg.);
9. Ms. Hanu Bhardwaj, HoD (Computer Science &Tech).;
10. Dr. Haider Abbas, HoD, (Physics);
11. Dr. Megha Mittal, HoD, (Chemistry);
12. Dr.A.K. Awasthi for, HoD, (Mathematics);
13. Mr. Jaideep Singh, HoD, (Humanities)
14. Dr. Babita Parashar, HoD (Education);
15. Dr. Varsha Vahini, HoD, Law
16. Prof.(Dr.) A. K. Gupta, Professor, (Chemistry);
17. Prof.(Dr.) B.D. Pathak, Professor /(Mech. Engg.);
18. Prof.(Dr.) D.K. Sharma, Professor (Physics);
19. Dr. Sangeeta Banga, Associate Professor (Mech. Engg.);
20. Ms. Meena Kapahi, Associate Professor (Mech. Engg.);
21. Dr. S.K. Shukla, Associate Professor;
22. Dr. Kameshwar Singh, Registrar / Member Secretary;

Prof.(Dr.) S. K. Garg, Pro Vice Chancellor, Delhi Technological Univ., Delhi & Dr. S.K. Goel, Executive Director, Star wires(India) Ltd. Faridabad , Prof.(Dr.) R. K. Singh, Professor, Delhi School of Economics, D.U; Dr. Vandana Singh, Associate Professor, Dept. of Education, IGNOU, New Delhi, Prof.(Dr) V.K. Mahna, Pro Vice Chancellor; Prof.(Dr).Jai R. Bhatnagar, Professor (CST) could not attend the meeting due to their pre-occupation in other professional engagements. They were granted leave of absence by the Chair.

The following are the minutes of the meeting:

5.1 Opening remarks by the Chairman:

The Chairman welcomed the Members present in the meeting He stated that this year the university had exceeded almost 30 % in admissions in comparison to last academic year. Overall, across the Country interest shown by the students in Engineering Program is on the decline so, in that background we have done reasonably well. He specifically mentioned the name of two Departments viz. Law and education in this regard and said that Law programs has been taken well by the aspiring candidates, B.Ed. program has also come up to an acceptable level but, integrated B.Ed. programs seem to be not much popular among the masses. The Chairman appreciated the efforts put forth by the Faculty of Education and place on record his deep appreciation for all of them. With these words, he concluded his remarks and requested the Registrar to carry out the proceedings of the Council. The Registrar then took up the agenda of the meeting one by one as follows;

5.2 Confirmation of the Minutes of the last meeting of the Academic Council held on 27.04.2017.

The Academic Council was informed that Minutes of the last meeting held on 12.04.2017 were circulated to all the members vide letter no. MRU/AC (A&M)/2015-16, dated 27.04.2017; no comments were received from any one of the members. The Council was requested to approve the Minutes.

Decision: Academic Council approved the Minutes of the last meeting.

5.3 Action Taken Report on the decisions taken in the Third meeting of the Academic Council.

Sl. No.	Agenda	Decisions	Action Taken thereon
1.	Opening remarks by the Chairman	-	-
2	Confirmation of the Minutes of the last meeting of the Academic Council.	The Academic Council confirmed the minutes of the last meeting.	Action were taken as approved
3	Action Taken Report on the decisions taken in the third meeting of the Academic Council.	Academic Council took the "Action Taken Report "on record.	.-

4	Matters for Information a. Constitution of Board of Studies and Board of Faculties for the Department of Education b. Students Achievements	Academic Council took all the information on record.	No action required.
5	4.5 Matter of Ratification (a) Admissions of Mr. Mudit Bhandari and Ms. Purna Sharma through Migration in B.Tech, CSE, 2nd Semester	Academic Council ratified the above admissions.	No further action required.
6	Approval of Panel of Experts for the Department of Education.	Academic Council approved the panel of experts for the Department of Education.	Approved Panel was kept for record.
7	Approval of admissions made under Ph.D. Programs	Academic Council approved the admissions of 26 candidates under the Ph.D. programs	No further action required
8	Approval of Program Structure and Syllabus for the B.Ed. & Integrated B.Ed. programs	Academic council approved the program structure and syllabus for the B.Ed. & B.A./B.Sc.B.Ed. programs.	Approved structure is being followed.
9	Approval of Massive Online Courses to be offered by the University as per the MHRD guidelines on the subject matter	Academic Council approved the same.	The Programs will be offered from 2017-18
10	Approval of format of Degree Certificate for UG/PG Programs	Academic council approved the format of the Degree Certificate.	This was submitted to the Board

			which concurred the same
11	Any other matter with the permission of chair.	Placement details were placed before the council for information and taken on record.	No further action required.

The Academic Council was requested to take the Action Taken Report on record.

Decision: Academic Council took the Action Taken Report on record.

5.4 Matter for information

A. Constitution of Board of Studies and Board of Faculty for the LAW Programs

Academic Council was informed that ,as per the clauses 20 & 21 of the First Statutes of the University, Board of Studies and Board of Faculty for the Department of Law have been constituted by the University with the approval of the Competent authority and office order thereof issued under intimation to all the concerned .

B. Students Achievements

It was submitted for information of the Hon'ble members that students of the University participated in various events organized by other institutions/organizations from time to time and achieved distinction in many activities/events. The highlights of the same are mentioned hereunder for information and record.

- Akshita Sachdeva, CSE 2012-16 Batch honored with the Geek Goddess by Techgig in March 2017 (*Techgig* is India's largest online tech Community, where you can learn, update your skills, compete with fellow techies and get your dream job.) Akshita is Joining **Northeastern University** for pursuing her **Masters in Computer Science**.
- Team "**TECHSPIRITS**" comprising Vansh Mudgil, Tarun & Abhijeet (ME 8th sem) shortlisted as **semifinalists for Valeo Innovation Challenge 2017 organised by Valeo Ltd Paris** and recieved the grant of **€5,000 to develop the prototype**. Team has successfully submitted the prototype on 13th July and results are awaited for finals to be held in October, 2017.

- Kartik Sibal, B, Tech CSE 5th Semester has successfully completed Google Summer of Code 2017 internship, contributed to the open source project "AboutCode" and received 2400 USD.
- Akash Kaliraman, Chairperson MRU IEEE was awarded with prestigious Dr. JK Pal Memorial award. Divesh Popli, Vice Chairperson of MRU IEEE was awarded with Dr. JK Pal Memorial Best Student Volunteer Award and Raashi Gupta Chairperson of MRU IEEE WIE was awarded with the Outstanding Student Volunteer Award.
- Manav Rachna Leo club received appreciation award from The International Associations of Lions Clubs District 321-A1 for organizing Blood donation Camp and offering its services to the society through various social initiatives for the year 2016-17
- Two teams from MRU were shortlisted for the National Finals of Imagine Cup 2017. Team Cannons comprising Nishu Goel and Manish Batra of IT for their project ruSafe: Public Safety app and Team Cronos comprising Aakash Lohan, Anjan Kar and Rahul Sharma of ECE for their project Klodo.

Decision: Academic Council took all the information on record.

5.5 Consideration of Ordinance relating to UG & PG programs leading to award of degree of Bachelor of Science and Master of Science.

Academic Council was informed that the Dean, Faculty of Applied Sciences in consultation with the Dean, Academics and HoDs of the Dept. of Physics, Chemistry and Mathematics has proposed draft Ordinance relating to award of the degree of Bachelor of Science (Hons.) and Master of Science in the disciplines of Physics, Chemistry and Mathematics, which has been further deliberated in the BoS and BoF of the Department and okayed by them. Academic Council was requested to consider the same and recommend for approval of the Board of Management.

Decision: Academic Council approved the draft Ordinance with recommendation to place the same before the BoM for their approval.

5.6 Consideration of Ordinance relating to UG program leading to award of degree of Bachelor of Education.

It was informed that the Department of Education has been offering B.Ed. and Integrated B. Ed Programs from the session 2017-18 as per the approval given by the NCTE. The Director, Faculty of Education in consultation with the Dean, Academics and HoDs of the Dept. of Education has proposed draft Ordinance relating to award of the degree of Bachelor of Education, which has been further deliberated in the BoS and BoF of the Department and okayed by them.

Academic Council was requested to consider the same and recommend for approval of the Board of Management.

Decision: Academic Council approved the draft Ordinance with recommendation to place the same before the BoM with modification as suggested for their approval.

5.7 Consideration of Ordinance relating to UG program leading to award of degree of Bachelor of Law.

It was submitted for Information of the Academic Council that the Department of Law has been offering BA LLB, BBA LLB and B.Com LLB (Hons.) programs from the session 2017-18 as per the approval accorded by the Bar Council. The Dean, Faculty of Law in consultation with the HoD and the senior faculty of the Department has proposed draft Ordinance relating to award of the degree of Bachelor of Law, which has been further deliberated in the BoS and BoF of the Department and okayed by them. Academic Council was requested to consider the same and recommend for approval of the Board of Management.

Decision: Academic Council approved the draft Ordinance with recommendation to place the same before the BoM with modifications as suggested for their approval.

5.8 Approval of Program Structure and 1st Semester Syllabus for the BA LLB (5 Years), BBA LLB (5 Years) & B.Com LLB (5 Years).

Hon'ble members were informed that the Department of Law of the University shall be offering the above Programs from the session 2017-18. A Committee comprising of the HoD and other faculty members had deliberated at length on the issue and also made consultation with the eminent educationist in the field and based on outcome of the discussion, it has come out with the detailed program structure and 1st Semester syllabus for all the three programs i.e. BA LLB, BBA LLB & B.Com LLB. The Copies of the program structure and 1st Semester syllabus for all the three programs are placed for consideration of the council with the request to consider the same and recommend for approval of the Board of Management.

Decision: Academic Council approved the Program Structure and Syllabus for I Semester for the Law Programs.

5.9 Introduction of new Programs under the Faculty of Law from the Academic Session 2018-19.

It was submitted that with a view to enhance the quality and growth of the Faculty of Law, which in turn may bring in more aspirants through LL.B. programs in

coming years. The Faculty of Law intends to offer the following Programs from the session 2018-19.

1. Ph.D in Law
2. Masters in Law (LL.M.)
3. Post-Graduate Diplomas (PGDs)
4. Professional Paralegal Certificate Course (PPCC)

Ph.D. in Law – Faculty of law proposes to introduce Ph.D. in Law. The number of seats will depend upon the availability of guides in a particular academic year with maximum of 10 scholars in a year.

LL.M program – This will be a program of 1 year duration with intake of 20. The Faculty has proposed to offer four different specializations including IPR, Human Rights, International Arbitration and Corporate Law from the session 2018-19. The candidates having passed LLB with minimum of 50% marks shall be eligible for admission to the Program.

Post-Graduate Diplomas (PGDs) – PGDs are proposed in Two Areas i.e. Criminal Procedure and Practice and Construction Law. The duration of the Diploma Programs is 6 months. The maximum intake proposed is 50 in each diploma program. The Importance of these areas is self-explanatory. Criminal justice delivery system has assumed significance of late, in view of the changes made in the criminal laws. Also the criminal cases against high profile persons has invited common man's attention towards the issues involved in criminal procedure and practices such as delay in justice, witness protection, hostile witnesses, role of police and investigating agencies etc. The Construction Law relates to tender and bidding processes undertaken by the governmental agencies.

Professional Paralegal Certificate Course (PPCC) – This course is intended to offer basic understanding about para-legal work involved in legal practice. It will primarily focus on study of procedural laws, practices and basic research tools. It does not necessarily require knowledge of substantive laws. Paralegal work force is in great demand at law firms, NGOs, Lawyers' chambers, corporations/ companies and court rooms. They are also required in government departments and policy research and teaching institutions.

The intake for the course is proposed to be 50. The duration will be 3 months. A candidate having passed senior secondary examination with 50% marks shall be eligible for the course. The Academic Council was requested to approve the same.

Decision: Academic Council approved the proposal with the advice that Prof. Verghese and Ms. Aditi Chaudhary shall make a detailed presentation before the Vice chancellor.

5.10 Introduction of New B. Tech and M. Tech programs under the Department of Electronics and Communication Engineering from the Academic Session, 2018-19

It was submitted that Faculty of Engineering intends to introduce B.Tech Program in **Electronics and Computer Engineering** and M. Tech program in **Embedded System & VLSI (Full time & Part time)** under the Department of Electronics and Communication Engineering from the session 2018-19. The program wise details are as follows:

(i) B.Tech in Electronics and Computer Engineering

It was submitted that the Dean, Faculty of Engineering after having discussion with the Faculty Members of the department and taking into consideration the programs offered by other universities in the area of Electronics Engineering, has observed that electronics engineering being one of the core engineering branches, B. Tech program in the discipline should continue to be offered by the department and accordingly, proposed to start the program B. Tech in Electronics and Computer Engineering with an intake of 30 seats from the session 2018-19. This program seems to be in good demand by the students as well as industry.

(ii) M. Tech in Embedded System & VLSI (Full time & Part time)

The Department has proposed to introduce new **M. Tech Program in Embedded System & VLSI (Full time & Part time)**, which is much in demand, from the session 2018-19. The proposed M. Tech program has been designed to suit to the working professionals particularly from the manufacturing industry located at adjoining the University.

M. Tech programs with flexibility in their timings have been found to be suitable for working professionals and are running well in many other institutions. Considering this, the Department has proposed to offer the program under part time mode as well. The intake and duration of the proposed M.Tech programs shall be as follows:

- a. M. Tech (Full Time) Program in Embedded System & VLSI with intake 18 (Eighteen), duration 2 Years.

- b. M. Tech (Part Time) Program in Embedded System & VLSI with intake 10(Ten), duration 3 Years.

The Proposal for obtaining approval of the Government to start the M.Tech Full Time program in Embedded System & VLSI under the Electronics and Communication Engineering shall be submitted after the approval of the Academic Council. The Academic Council was requested to approve the same.

Decision: Academic Council approved the proposal.

5.11 Approval of admissions made under UG/PG Programs for the Academic Session 2017-18.

The Academic Council was informed that admissions to various UG/PG programs for the academic Session 2017-18 were started as per the schedule notified in the Admission Brochure. The Counseling for admission to technical and professional courses was made since June 10, 2017 till August 31, 2017, as per the eligibility condition approved by the Council for various UG/PG programs. As far as non professional & non technical courses, it is still in progress, as per the schedule specified in the Admission Brochure. The program wise details of total students who took admission in various UG/PG Programs are as follows:

i) B.Tech.	- 251	v). M. Tech.	- 01
ii) B.Sc.(Hons.)	- 51	vi). M. Sc.	- 38
iii) BBA	- 99	vii) B. Ed & Integrated B. Ed	- 57
iv) Law (Hons.)	- 90		

The Academic Session commenced from 10.07.2017 with orientation program for newly admitted students. The Program wise details of all the admissions along with the particulars of each student were placed before the Council for their perusal and requested to approve the same.

Decision: Academic Council approved the admissions made in all the UG & PG programs for the Academic Session, 2017-18.

5.12 Compulsory implementation of Module Syllabus on Environmental Studies for undergraduate courses of all the branches.

Academic council was informed that as per the directive of the Hon'ble Supreme Court, University grants Commission has framed module syllabus for **Ability Enhancement Compulsory Courses** (AECC-Environmental Studies) under CBCS and asked the institutions to take appropriate steps for its implementation.

Accordingly, the Dept. of Chemistry, which is offering Environmental Studies to all the branches, has proposed a scheme keeping into view the UGC guidelines

for its implementation from the current academic session, 2017-18, already in progress from July, 2017. The scheme is as follows:

Course name : Environmental Studies
Credit : 04
Marks : 200
Examination system : T1: 40 Marks (Section A)
: T2: 40 Marks (Section B)
: T3: 75 Marks (Section A & B short answer pattern;
section C & D: Essay type with inbuilt choice)
: Field work: 25 marks (10 marks Assignment -1 + 10 Marks
assignment II +5 Marks Report Field Work).
: Outcome (component: 20 Marks (will be evaluated on the
basis of Assignments, quiz Class Test etc.

A copy of the letter received from the UGC along with the Module syllabus for Environmental Studies were placed before the council for perusal of the members.

Decision: Academic Council approved the implementation of the proposed scheme for Environmental Studies.

5.13 Introduction of Manav Rachna Life Skill Program

MRU is committed to provide opportunities to students for engaging in various activities. To emphasize the importance of the Co and extracurricular activities, university has formalized the participation in such activities and introduced award of credits for the same. This will be applicable to all the UG and PG programs offered by the University. The details of the scheme, credit to be awarded and calculation of award were placed before the council for their consideration.

Decision: Academic Council approved the proposed scheme of Manav Rachna Life skill Program.

5.14 Approval of the policy in respect of Intellectual Property Rights covering Patents, Copyrights and Technology Transfer.

The University encourages, facilitates, promotes and safeguards scientific investigation and research and has therefore, prepared a Draft IPR Policy for the University. The draft IPR policy is duly deliberated and framed by a committee headed by the Director, MRIIC. It provides guidelines for making invention and discoveries available to the general public in the interest of the nation at large and aims to lay down the process for promotion and support to innovators of

University to translate their creative works in Intellectual Property as well as to set forth guidelines for ownership of IPR developed at University, by the Faculty, those directly or indirectly associated with the University, either in-house or outsourced, seconded or sponsored unless specially covered by a policy to the contrary. A copy of draft IPR Policy was placed for kind consideration of the Hon'ble Members.

Decision: Academic Council approved the IPR Policy with recommendation to place the same before the Board of Management for their approval.

5.15 Approval of the Incubation policy to promote new entry into product, processes and services.

The Manav Rachna Innovation and Incubation Center (MRIIC) has been established with a view to cater to the needs of the students and faculty members who are inclined towards research, innovation and novel ideas and is dedicated to founder visionary Dr. O.P. Bhalla. The Centre is encouraging research and entrepreneurship to help the student to develop professional entrepreneurial ability and mindset to set up their own enterprises. In it's strive to promote entrepreneurship among its faculty and students, the Centre has prepared a draft Incubation Policy for the University to promote new entry into product, processes and services for commercial exploration and the benefit of society . A copy of draft Incubation Policy was placed for kind consideration of the Hon'ble Members.

Decision: Academic Council approved the Incubation Policy with recommendation to place the same before the Board of Management for their approval.

5.16 Any other matter with the permission of chair.

(Dr. K. Singh)
Registrar / Member Secretary

Ref. MRU/AC (A&N)/Vol. II/2017

Dated: 24.04.2017

To,

1. Ps to Chancellor for kind information to Hon'ble Chancellor
2. PS to VC for kind information to Hon'ble Vice Chancellor, MRU
3. PS to VP, MRIU for kind information to Hon'ble Vice President
4. Prof.(Dr) V.K. Mahna, Pro Vice Chancellor;
5. Prof.(Dr.) S. K. Garg, Pro Vice Chancellor, DTU, Delhi

6. Dr. S.K. Goel, Executive Director, Star wires(India) Ltd. Faridabad
7. Prof.(Dr.) P. K. Bhatnagar, Professor, Dept. of Elecs, D.U;
8. Prof.(Dr.) R. K. Singh, Professor, Delhi School of Economics, D.U;
9. Dr. Vandana Singh, Associate Professor, Dept. of Edu., IGNOU, NewDelhi
10. Prof.(Dr.) M. S. Khurana, Dean (Academics)& HoD (Mech. Engg.);
11. Prof.(Dr.) B.M. Bahal, Dean (Applied Sciences & Research);
12. Prof.(Dr.) M.R. Tyagi, Dean (Engineering);
13. Prof.(Dr.) Rajat Gera, HoD (Management & Commerce);
14. Prof.(Dr) Rajeev N. Rai, HoD, (Mech. Engg.)
15. Dr. Y.K. Awasthi, HoD (E & C Engg.);
16. Ms. Hanu Bhardwaj, HoD (Computer Science & Tech).;
17. Dr. Haider Abbas, HoD, (Physics);
18. Dr. Megha Mittal, HoD, (Chemistry);
19. Dr.A.K. Awasthi for, HoD, (Mathematics);
20. Mr. Jaideep Singh, HoD, (Humanities)
21. Dr. Babita Parashar, HoD (Education);
22. Prof.(Dr.) A. K. Gupta, Professor, (Chemistry);
23. Prof.(Dr.) B.D. Pathak, Professor /(Mech. Engg.);
24. Prof.(Dr).Jai R. Bhatnagar, Professor (CST);
25. Prof.(Dr.) D.K. Sharma, Professor (Physics);
26. Dr. Sangeeta Banga, Associate Professor (Mech. Engg.);
27. Ms. Meena Kapahi, Associate Professor (Mech. Engg.);
28. Dr. S.K. Shukla, Associate Professor;
29. Dr. Varsha Vahini, Associate Professor;

MINUTES OF THE SIXTH MEETING OF THE ACADEMIC COUNCIL OF MANAV RACHNA UNIVERSITY HELD ON FRIDAY, DATED 08.12.2017 AT 11:00 A.M. IN THE BOARD ROOM, H BLOCK, MRU CAMPUS, FARIDABAD.

A meeting of the Academic Council was held on 08.12.2017 in the Board Room, H- Block, MRU Campus, Faridabad.

The following were present:

1. Prof.(Dr.) M. S. Khurana, Pro Vice Chancellor & Dean (Academics)
2. Prof.(Dr.) B.M. Bahal, Dean (Applied Sciences & Research);
3. Prof.(Dr.) M.R. Tyagi, Dean (Engineering);
4. Prof.(Dr.) P. K. Bhatnagar, Professor, Dept. of Elecs, D.U;
5. Dr. Vandana Singh, Assoc. Professor, IGNOU, Delhi
6. Prof.(Dr.) Rajat Gera, HoD (Management & Commerce);
7. Dr. Sujata nayak, HoD (Mech. Engg.)
8. Dr. Y.K. Awasthi, HoD (E & C Engg.);
9. Ms. Hanu Bhardwaj, HoD (Computer Science & Tech).;
10. Dr. Megha mittal, HoD, Dept. of Chemistry
11. Dr. Haider Abbas, HoD, (Physics);
12. Dr. A.K. Awasthi for, HoD, (Mathematics);
13. Mr. Jaideep Singh, HoD, (Humanities)
14. Dr. Babita Parashar, HoD (Education);
15. Dr. Varsha Vahini, HoD, Law
16. Prof.(Dr.) A. K. Gupta, Professor, (Chemistry);
17. Prof.(Dr.) B.D. Pathak, Professor /(Mech. Engg.);
18. Prof.(Dr.) D.K. Sharma, Professor (Physics);
19. Dr. Sangeeta Banga, Professor (Chmistry.);
20. Ms. Meena Kapahi, Associate Professor (Mech. Engg.);
21. Dr. Kameshwar Singh, Registrar / Member Secretary;

Prof.(Dr.) S. K. Garg, Pro Vice Chancellor, Delhi Technological Univ., Delhi , Dr. S.K. Goel, Executive Director, Star wires(India) Ltd. Faridabad , Prof.(Dr.) R. K. Singh, Professor, Delhi School of Economics, D.U; Prof.(Dr.) Jai R. Bhatnagar, Professor (CST) and Dr. S.K. Shukla , Associate Professor could not attend the meeting due to their pre-occupation in other professional engagements. They were granted leave of absence by the Chair.

The following are the minutes of the meeting:

The Pro Vice Chancellor apprised the Academic Council that Hon'ble Vice Chancellor had to rush to Chandigarh on a short notice to attend a meeting with Hon'ble Governor, Haryana, therefore, he would not be available for the meeting. It was therefore resolved that Pro Vice Chancellor should chair the meeting in the absence of the Vice Chancellor. The Registrar requested the Chairperson to start the meeting with her opening remarks.

6.1 Opening remarks by the Chairperson:

The Chairperson welcomed the Members present in the meeting. She accorded a special welcome to Dr. Vandana Singh, Associate professor, IGNOU who attended the meeting of the Academic Council for the first time and said that her presence as member of this august body would definitely be of great help in decision making particularly on the issues relating to Dept of Education and requested the members to introduce themselves. After introduction was over, the Chairperson mentioned that the University has recently entered into an MoU with M/s Daikin India Pvt. Ltd. for establishing a Centre of Excellence for the purpose of furthering their common interests of imparting trainings related to HVAC, the work of which is in progress.

She further shared the achievements made by some of the students and said that Ms Akanksha Ahuja, B.Tech. CSE 2014-18 batch student (mentored by Prof. B.M. Bahal and Ms Meena Kapahi) who was at GSTIC conference in October and had won the challenge at Belgium, has now been selected for Internship at CERN (EUROPEAN ORGANISATION FOR NUCLEAR RESEARCH), most respected accelerator lab in the world. GOD's particle ie. Higgs Boson was detected at this centre. Internship starts in Feb 2018. Ms Mahak Lamba, B.Tech. CSE 2013-17 batch student has been selected as Site Reliability Engineer at LinkedIn with a package of Rs 10,20,000/- per annum, and sign-on bonus & relocation allowance of Rs 2 lakhs. She also did six months internship with LinkedIn with a stipend of Rs 40,000/- per month. With these words, she concluded her remarks and requested the Registrar to carry out the proceedings of the Council. The Registrar then took up the agenda of the meeting one by one as follows;

6.2 Confirmation of the Minutes of the last meeting of the Academic Council held on 27.04.2017.

The Academic Council was informed that Minutes of the Fifth Meeting of the Council, held on 08.09.2017, were circulated to all the members vide letter no. MRU/AC (A&M)/ Vol.II /2017 dated 25.09.2017; no comments were received from any one of the members. The Council was requested to approve the Minutes.

Prof. Rajata Gera, HODD Dept. of Management & Commerce mentioned that the BBA (Operations Management with specialization in supply Chain Management, Logistics & Projects Management) program proposed to be offered by his Dept. does not figure in the minutes of the last meeting of the AC. He was apprised by the Registrar that the above program was approved by the Board of Management in the sixth meeting of the Board and therefore, it is not a part of the Minutes of the last meeting of the Academic Council. He requested the Hon'ble members to confirm the Minutes. The Council confirmed the Minutes.

Decision: Academic Council confirmed the Minutes of the last meeting.

6.3 Action Taken Report on the decisions taken in the Fifth Meeting of the Academic Council.

The Council was apprised with the action taken by the University on the decisions of the AC taken in the last meeting and requested to take it on record.

Sl. No.	Agenda	Decisions	Action Taken thereon
1.	Opening remarks by the Chairman	-	-
2	Confirmation of the Minutes of the last meeting of the Academic Council held on 12.04.2017.	Academic Council approved the Minutes of the last meeting.	Action were taken as approved
3	Action Taken Report on the decisions taken in the Third meeting of the Academic Council.	Academic Council took the Action Taken Report on record.	.-

4	Matter for information A. Constitution of Board of Studies and Board of Faculty for the LAW Programs B. Students Achievements	Academic Council took the information on record.	No action required.
5	Consideration of Ordinance relating to UG & PG programs leading to award of degree of Bachelor of Science and Master of Science.	Academic Council approved the draft Ordinance with recommendation to place the same before the BoM for their approval.	The Ordinance recommended by the Academic Council was placed before the BoM for their consideration. The BoM approved the same. . Approved Ordinance has been submitted to the Govt. for approval and notification.
6	Consideration of Ordinance relating to UG program leading to award of degree of Bachelor of Education.	Academic Council approved the draft Ordinance with recommendation to place the same before the BoM with modification as suggested for their approval.	The Ordinance recommended by the Academic Council was placed before the BoM for their consideration. The BoM approved the same. . Approved Ordinance has been submitted to the Govt. for approval and notification
7	Consideration of Ordinance relating to UG program leading to award of degree of Bachelor of Law.	Academic Council approved the draft Ordinance with recommendation to place the same before the BoM with modifications as suggested for their approval.	The Ordinance recommended by the Academic Council was placed before the BoM for their consideration. The BoM approved the same. . Approved Ordinance has been submitted to the Govt. for approval and notification
8	Approval of Program Structure and 1 st Semester Syllabus	Academic Council approved the Program Structure	Approved Programme structure n syllabus is being followed.

	for the BA LLB (5 Years), BBA LLB (5 Years) & B.Com LLB (5 Years).	and Syllabus for I Semester for the Law Programs.	
9	Introduction of new Programs under the Faculty of Law from the Academic Session 2018-19.	Academic Council approved the proposal with the advice that Prof. Verghese and Ms. Aditi Chaudhary shall make a detailed presentation before the Vice chancellor.	After compliance by the Faculty of Law, the proposal for introducing the New Programme was placed before the BoM which after detailed deliberation approved the proposal for introducing one year LLM Programme. A proposal for obtaining the NOC from the Govt. has already been submitted vide letter dated 27.09.2017.
10	Introduction of New B. Tech and M. Tech programs under the Department of Electronics and Communication Engineering from the Academic Session, 2018-19	Academic Council approved the proposal.	The proposal for introducing the New Programme was placed before the BoM which after detailed deliberation approved the same. A proposal for obtaining the NOC from the Govt. has already been submitted vide letter dated 27.09.2017
11	Approval of admissions made under UG/PG Programs for the Academic Session 2017-18.	Academic Council approved the admissions made in all the UG & PG programs for the Academic Session, 2017-18.	.No further action required.
12	Compulsory implementation of Module Syllabus on Environmental Studies for undergraduate courses of all the branches.	Academic Council approved the implementation of the proposed scheme for Environmental Studies.	Action is taken to implement the same in all the disciplines and also in the Ordinances.

13	Introduction of Manav Rachna Life Skill Program	Academic Council approved the proposed scheme of Manav Rachna Life skill Program.	Its implemented.
14	Approval of the policy in respect of Intellectual Property Rights covering Patents, Copyrights and Technology Transfer.	Academic Council approved the IPR Policy with recommendation to place the same before the Board of Management for their approval.	The policy on IPR was placed before the Board for their approval. The Board approved the same. The regulation is circulated among the faculties for their information and action.
15	Approval of the Incubation policy to promote new entry into product, processes and services.	Academic Council approved the Incubation Policy with recommendation to place the same before the Board of Management for their approval.	The policy on IPR was placed before the Board for their approval. The Board approved the same. The regulation is circulated among the faculties for their information and action.
16	Any other matter with the permission of chair.	-	-

Decision: Academic Council took the Action Taken Report on Record.

6.4 Introduction of Two new programmes of B.Tech. Computer Science & Engineering with different specializations under the Department of Computer Science and Technology from the Academic Session, 2018-19

The Academic Council was informed that the Dept. of Computer Science & Technology under the Faculty of Engineering intends to introduce two new UG Programmes from the session 2018-19 which are as follows:

- i) B.Tech. CSE with specialization in Data Science and Machine learning

B.Tech in Machine Learning is dedicated to furthering the scientific understanding of automated learning, and to producing the next generation of tools for data analysis and decision making based on that understanding. The B.Tech program in Machine Learning offers students the opportunity to improve their training with advanced study in Machine Learning. Incoming students should have good analytic skills and a strong aptitude for mathematics, statistics, and programming. Today's demand for expertise in machine learning far exceeds the supply which has necessitated the Department to offer this programme.

ii) B.Tech. CSE with specialization in Digital Transformation Engineering

The Digital transformation technologies are a unique initiative for B Tech CSE students in which the curriculum will be embedded with Full Stack Programming, Big Data, Agile, Natural Language Processing and Internet of Things (IOT). Industry experts will work as mentors, along with professors in guiding the students as per the specified methodology. After doing B Tech CSE programme with emphasis on Digital Transformation Technologies, student will be ready for the future careers that are in huge demand these days.

The above programmes are proposed to be offered in collaboration with Xebia, the modalities for which are underway. A proposal for introducing the above programmes has been submitted to the Govt. for obtaining their approval vide letter dated 30.11.2117.

Decision: Academic Council ratified the proposal for starting of above B. Tech. Programmes from the academic session 2018-19.

6.5 Conferment of Degrees to the Students (First Batch of M.Tech. & MBA) pass out from the University in 2017.

Academic Council was informed that First Batch of students admitted to Master Programmes (M.Tech & MBA) in the year 2015-16 passed out in the examination held in May, 2017. As per the results provided by the Examination branch of the University, 02 students of M.Tech and 10 students of MBA, totaling 12 students in all, were declared passed in the examinations and thus have qualified for award of the degree of Master of Technology and the Master of Business Administration respectively.

The Council was further apprised that first Convocation of the university is scheduled to be held on December 16, 2017. His Excellency Governor, State of Haryana shall preside over the function. Shri Nadir Godrej, Managing Director,

Godrej Industries has very kindly consented to be Chief Guest and deliver the Convocation Address on this solemn occasion.

It is proposed to confer degrees to 12 graduands (M.Tech.-2. and MBA-10), who have qualified for the same, during the First Convocation. The details of the students are as follows:

S.No	Name of the Student
1	Rakesh Khurana
2	Akash Goel
3	Anuj Beniwal
4	Chinku Agrawal
5	Divya Tyagi
6	Mubashshir Raza
7	Pratham Gupta
8	Priyanka Rathoure
9	Vaishali Grover
10	Vibhuti Mittal

Mechanical Engineering

	Name of the Student
1	Jitender Sharma
2	Pramod Yadav

The Dean student welfare informed the council that in the ensuing convocation University has been awarding President Medal, Vice President Medal, Patron Medal, Vice Chancellor Medal, Academic Proficiency Medal and Outstanding

Achievers Awards to the students for their achievements in the events held at International and National level as well as for attaining proficiency in academics. 13 students namely Tarun Singh, Anjan Kar, Raashi Gupta, Rohit Goyal, Vibhuti Mittal, Ashna Saxena, Kirti Vig, Srishti Kalra, Shweta Gusain, Abhijeet Singh, Lakshay Sharma, Mehak Lamba for the recipients of the above Medals and Awards.

Academic Council was requested to approve the proposal and take the above information on record.

Decision: Academic Council approved the proposal for conferment of Degree to 12 Graduands in the First Convocation and took the above information on record.

6.6 Any other matter with the permission of chair.

Prof. Rajat Gera, HoD , Management & Commerce informed that Council that one of his BBA students, Mr Gaurav Kalra has received funding of Rs. 2.5 lakhs under the project New Gen IEDC for his start up KRAZY KART. The council applauded the efforts .

The meeting ended with a vote of thanks to the chair.

(DR. K. Singh)
Registrar/Member Secretary

F.No.MRU/AC(A&M)/ Vol. II/2017

Dated: 03.01.2018

Copy to:

1. Ps to Chancellor for kind information of the Hon'ble Chancellor
2. Ps to VC for kind information of the Hon'ble Vice Chancellor
3. Ps to VP for kind information of the Hon'ble Vice President
4. Prof.(Dr.) M. S. Khurana, Pro Vice Chancellor & Dean (Academics)
5. Prof.(Dr.) B.M. Bahal, Dean (Applied Sciences & Research);
6. Prof.(Dr.) M.R. Tyagi, Dean (Engineering);
7. Prof.(Dr.) P. K. Bhatnagar, Professor, Dept. of Elecs, D.U;
8. Prof.(Dr.) S. K. Garg, Pro Vice Chancellor, Delhi Technological Univ.,
9. Dr. S.K. Goel, Executive Director, Star wires(India) Ltd. Faridabad
10. Prof.(Dr.) R. K. Singh, Professor, Delhi School of Economics, D.U;
11. Dr. Vandana Singh, Assoc. Professor, IGNOU, Delhi

12. Prof.(Dr.) Rajat Gera, HoD (Management & Commerce);
13. Dr. Sujata nayak, HoD (Mech. Engg.)
14. Dr. Y.K. Awasthi, HoD (E & C Engg.);
15. Ms. Hanu Bhardwaj, HoD (Computer Science & Tech).;
16. Dr. Megha mittal, HoD, Dept. of Chemistry
17. Dr. Haider Abbas, HoD, (Physics);
18. Dr.A.K. Awasthi for, HoD, (Mathematics);
19. Mr. Jaideep Singh, HoD, (Humanities)
20. Dr. Babita Parashar, HoD (Education);
21. Dr. Varsha Vahini, HoD, Law
22. Prof.(Dr.) A. K. Gupta, Professor, (Chemistry);
23. Prof.(Dr.)Jai R. Bhatnagar, Professor (CST)
24. Prof.(Dr.) B.D. Pathak, Professor /(Mech. Engg.);
25. Prof.(Dr.) D.K. Sharma, Professor (Physics);
26. Dr. Sangeeta Banga, Professor (Chmistry.);
27. Ms. Meena Kapahi, Associate Professor (Mech. Engg.);
28. Dr. S.K. Shukla, Assoc. Professor
29. Dr. Kameshwar Singh, Registrar / Member Secretary;

MINUTES OF THE SEVENTH MEETING OF THE ACADEMIC COUNCIL OF MANAV RACHNA UNIVERSITY HELD ON WEDNESDAY, DATED 06.06.2018 AT 11:00 A.M. IN THE BOARD ROOM, H BLOCK, MRU CAMPUS, FARIDABAD.

A meeting of the Academic Council was held on 06.06.2018 in the Board Room, H- Block, MRU Campus, Faridabad.

The following were present:

1. Prof.(Dr.) Sanjay Srivastava, Hon'ble Vice Chancellor/ Chairman
2. Prof.(Dr.) M. S. Khurana, Pro Vice Chancellor & Dean (Academics)
3. Prof.(Dr.) R. K. Singh, Professor, Delhi School of Economics, D.U;
4. Prof.(Dr.) P. K. Bhatnagar, Professor, Dept. of Electronics, D.U;
5. Dr. S.K. Goel, Executive Director, Star wires(India) Ltd. Faridabad.
6. Prof.(Dr.) B.M. Bahal, Dean, Faculty of Applied Sciences & Research.
7. Dr. Sujata Nayak, HoD, Dept. of Mech. Engg.
8. Dr. Y.K. Awasthi, HoD, Dept. of E & C Engg.
9. Ms. Hanu Bhardwaj, HoD, Dept. of Computer Science & Tech;
10. Dr. Megha Mittal, HoD, Dept. of Chemistry;
11. Dr. Haider Abbas, HoD, Dept. of Physics;
12. Dr. A.K. Awasthi, HoD, Dept. of Mathematics;
13. Mr. Jaideep Singh, HoD, Dept. of Humanities & languages;
14. Dr. Varsha Vahini, HoD, Dept. of Law
15. Prof.(Dr.) A. K. Gupta, Professor, (Chemistry);
16. Prof.(Dr.) Sangeeta Banga, Professor (Chemistry.);
17. Ms. Meena Kapahi, Associate Professor (Chemistry.);
18. Dr. S.K. Shukla, Associate Professor (Chemistry);
19. Dr. Kameshwar Singh, Registrar / Member Secretary;

Prof. Arindom Chatterjee, Professor, Mgt. & Com., attended the Meeting on behalf of HoD, Mgt. & Com., Ms. Yogita Khanna, Associate Head, ECE, Dr. Pragati Chauhan, Assistant Professor, Dept of Mgt & Com, & Dr. Jyoti Pruthi, Associate Professor, CSE also attended the meeting to assist their HoDs' in deliberations.

Prof.(Dr.) S. K. Garg, Pro Vice Chancellor, Delhi Technological University, Delhi, Prof. (Dr). Kanwal DP Singh, Dean, Faculty of Law, GGSIP University, New Delhi, Dr. Vandana Singh, Assoc. Professor, IGNOU, Delhi, Prof.(Dr.) D.K. Sharma, Professor (Physics); Prof.(Dr). Jai R. Bhatnagar, Professor (CSE), Prof.(Dr.) Rajat Gera, HoD, (Mgt. & Commerce) and Dr. Babita Parashar, HoD (Education); could not attend the meeting due to their pre-occupation in other professional engagements. They were granted leave of absence by the Chair.

The following are the minutes of the meeting:

7.1 Opening remarks by the Chairperson:

The Chairperson welcomed the Members present in the meeting. He extended a special welcome to Prof. (Dr.) Arindum Chatterjee, Professor, Mgt. & Com., who attended the meeting of the Academic Council for the first time on behalf of the HoD, Mgt. & commerce. The Chairperson mentioned that he feels happy to share that Manav Rachna University has been awarded with 'QS I-Gauge GOLD Rating' during the pilot event of Higher Education Rating System QS I-Gauge in New Delhi. QS I-GAUGE Gold Star Rating for the University is testimony to our focus on quality education, research and innovation eco-system over the years. He further said that a team of 14 students from Carleton University, Ottawa (Canada) visited the University Campus for a week under collaborative arrangement during the period from 07.05.2018 to 14.05.2018. The team was coordinated by Ms Meena Kapahi, Associate Professor looking after International Affair, Dr. Deepa Arora, Assistant professor and some other faculty members.

The University has recently started a Lecture series on different topics of public importance, first such Public Lecture on "Emerging Anti - Money Laundering and Benami Laws was organized on 2nd June, 2018. Mr. Arbind Modi, Member CBDT (Legislation) delivered the talk which received a huge applaud from the persons who attended the Lecture. The virtual Lab has also been started under the AICTE guideline. Dr. Mrinal Pandey, Assistant professor has been looking after the work. The Concluding Ceremony was also organized for the final year students of B.Tech and. B.Sc (Honours) programs of graduating year 2014-2018 and 2015-18 respectively.

He further shared with the Members the details of the Manav Rachna Excellence Award, which is given on the Birth Anniversary of the Founder Visionary Dr. O.P. Bhalla ji. Prof. Kaptan Singh Solanki, Hon'ble Governor of the State of Haryana was the Chief Guest on the occasion. Padmasri Dr. Pritam Singh Hon. Director General, Manav Rachna Educational Institutions headed the Search Committee at whose recommendation, the under mentioned persons from various walks of life were presented the Award for their achievement in different field.

Mr. Arun Maira, Former Member of Planning Commission of India was presented with Life Time Achievement Award, **Mr. Mukesh Kumar Surana**, Chairman & MD of Hindustan Petroleum Corporation Limited - Corporate & Industry Award, **Mr. Puneet Yadu Dalmia**, MD-OCL India Limited - Young Leader Award, **Mr. R.V. Shahi**, Chairman of Energy Infratech Private Limited - Nation Building Award, **Dr. Steven West**, Vice Chancellor, President and Chief

Executive Officer - UWE-Bristol - Global Thought Leader, **Mr. Yudhvir Singh Malik**, IAS, Secretary of Ministry of Road Transport & Highways - Change Maestro Award, **Mr. Rajeev Dubey**, President-HR Mahindra & Mahindra - People Builder Award and **Mr. Vijay Kumar Sharma** - ACE Shooter - Sports Award.

Lastly, the Chairman talked about the RAMKATHA which was organized by the Manav Rachna at a very large scale for 9 days from 26th May to 3rd June, 2018. Holy saint Morari Babu ji, a renowned exponent on Ram Charit Manas, who has been reciting Ram Katha for over 50 years, recited "Shri Ram Katha". The inaugural ceremony was marked by the presence of Srimati. Smiriti Irani ji, Hon'ble Minister of Textile, Govt. of India. It was followed by visit of the eminent dignitaries of the State / Govt. of Haryana viz. His Excellency Governor of State of Haryana, Hon'ble Chief Minister, Hon'ble Minister of Education, Hon'ble Minister of Industry, Haryana, Member of Parliament and MLAs of the area. Approximately 12000-15000 persons from different walks of life from adjoining cities/towns/villages of Faridabad and distant places came to attend the Ram Katha daily. Bhandara was also organized every day for all the devotees present. With these words, he concluded his opening remarks and requested the Registrar to take up the Agenda. The Registrar took the agenda items one by one for deliberation.

7.2 Confirmation of the Minutes of the last meeting of the Academic Council held on 08.12. 2017.

The Academic Council was informed that Minutes of the Sixth Meeting of the Council, held on 08.12.2017, were circulated to all the members vide letter no. MRU/AC (A&M)/ Vol.II /2017 dated 04.01.2018; no comments were received from any one of the members. The Council was requested to approve the Minutes. The Council confirmed the Minutes.

Decision: Academic Council confirmed the Minutes of the last meeting.

7.3 Action Taken Report on the decisions taken in the Sixth Meeting of the Academic Council.

The Council was apprised with the action taken by the University on the decisions of the AC taken in the last meeting and requested to take it on record.

Sl. No.	Agenda	Decisions	Action Taken thereon
1.	Opening remarks by the Chairman	-	-
2	Confirmation of the Minutes of the last meeting of the	Academic Council approved the Minutes of the last	Action were taken as approved

	Academic Council held on 08.09.2017	meeting.	
3	Action Taken Report on the decisions taken in the Fifth meeting of the Academic Council.	Academic Council took the Action Taken Report on record.	.-
4	Introduction of two new programmes of B.Tech, CSE with different specialization under department of CST. A. B.Tech. CSE with specialization in Data Science and Machine Learning B. B.Tech, CSE with specialization in Digital Transformation Engineering.	Academic Council took the information on record.	Proposal submitted to the Govt for granting permission to start the Programs from the session 2018-19. Approval of the Govt. is received on 05.05.2018.
5	Conferment of Degrees to the students (first batch of M.Tech & MBA) pass out from the University	Academic Council approved the proposal for conferment of Degree to 12 Graduates in first convocation.	Degree awarded to the students in the First Convocation held on December 16, 2017.
6	Any other matter with the permission of chair.	Achievement of Mr. Gaurav Kalra, BBA student was applauded by the Council	No action required.

Decision: Academic Council took the Action Taken Report on Record.

7.4 Matters for Information

Registrar apprised the Hon'ble Members of the Academic Council of the achievements made by some of the faculty and students during the last 6 months period as under:

(i) Achievements by the Faculty

Ms. Hanu Bhardwaj, HoD, Dept. of Computer Science & Technology was recognized as SILVER Partner Faculty whereas **Dr. Jyoti Pruthi, Dr. Mrinal Pandey, Ankur Kumar Aggarwal, Bharti Jha, Mamta Arora, Neelu Chaudhary, Ram Chatterjee, Sunny Dagar and Urmila Pilia** were recognized as BRONZE partner faculty under Inspire-The campus Connect Faculty Partnership Model 2018 by Infosys Campus Connect 2018

Dr. Parneeta Dhaliwal, Associate Professor, was nominated as TPC Member for International Conference on “Machine Learning, Big Data, Cloud, and Parallel Computing: Trends, Perspectives, and Prospects, 2019”.**Ms Manpreet Kaur, Assistant Professor**, acted as Member of the Technical Program Committee (TPC) for International Conference “Towards Extensible and Adaptable Methods in Computing (TEAMC), March, 2018(Springer)”.

Dr. Sachin Lakra, Associate Professor, also acted as TPC Member for 5th International conference on Computing for Sustainable Global Development 2018 (IndiaCOM 2018) held at Delhi, India from 14-16th March, 2018. Dr. Lakra also acted as Reviewer for International Conference on Computational Intelligence and Data Science 2018 held at Gurugram, India, 7-8 April, 2018 (Elsevier conference).

(ii) Achievements by the Students

Srushti Suresh, student of B.Tech, CSE, 1st year, secured **1st position** in Dialogue conversation competition organized by humanities students. She also took interview of the famous youtuber Sejal Kumar and she was promoted to Managerial post in AIESEC organization (Global).

Arish Fatima, student of B.Tech, CSE, 2nd year, awarded with **1st position** in TechnoVogue organized by Innoskill 2018.

Ankur Bhatt & Dhruv Yadav, students of B.Tech, CSE, 2nd year, awarded with **2nd position** in Web Development organized by Innoskill 2018 and they have also published paper on LIFI.

Abhishek Sontakke and Aman Diwakar, students of B.Tech, CSE, 2nd year, published paper titled “One Time Password Flaws in Generation Techniques and Enhancing the Security” in conference SmartTech 2018, Gr. Noida by Springer.

Saurabh Sethi, student of B.Tech, CSE, 2nd year, published paper titled “A brief framework to analyze and predict trends in mobile applications” in conference Recent Technologies in IT, held at KL Mehta College, Faridabad.

Academic Council took the above information on record.

7.5 Approval of Program Structure and Syllabus for the Second Semester of Law Programs.

The Council was informed that the Department of Law has been offering BA LLB, BBA LLB & B.Com LLB Programs from the session 2017-18. 1st Semester syllabus for all the three programs was approved by the Academic Council in its fifth meeting held on 08.09.2017. The Second Semester of the program is in progress. The department has now, come out with the detailed program structure and the course curriculum for the second semester, which is duly approved by the Board of Studies of the Department. The copies of the program structure and course curriculum for the Second Semester for all the three programs were tabled in the meeting for consideration of the council.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same.

Decision: Academic council approved the Program Structure and Syllabus for the Second Semester of all the three law programs with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.

7.6 Approval of the Ordinance relating to award of Bachelor Degree in Business Administration.

Hon'ble Members of the Council were apprised that the Department of Management and Commerce which has been offering BBA programs with different specializations from the academic session 2016-17 has now, proposed draft ordinance for the BBA Programs relating to award of the degree of Bachelor of Business Administration. The council was requested to deliberate over it and approve the same for submission to the Board of management.

The draft Ordinance was duly deliberated by the Council. Prof. (Dr.) R K. Singh, one of the Expert Members mentioned that **“preferably at a beginning of the semester”** under the sub para of the clause 7.1 (a) gives leverage to admit the candidate at any time in any semester, this needs to be given a relook. Registrar submitted before the Council that in the First Ordinance of the University, in case

of admission through Migration, it is clearly mentioned that a candidate may be allowed to migrate to this university from other universities **at the beginning of preferably third semester**. We may follow the same in case of BBA ordinance. This was unanimously agreed.

Decision: Academic Council approved the Ordinance with the advice as above and recommended for placing the same before the Board of Management for their approval. Recommended Ordinance is annexed as Annexure-I

7.7 Revision of syllabus for the B.Tech., Electronics & Communication Engineering

It was submitted for information of the Academic Council that the Program structure and syllabus for the existing B. Tech, Electronics & Communication Engineering program was approved by the Board of Management in its first meeting held on 10.03.2015 in as much as the Academic Council of the University was not constituted at that time.

Now, in view of the model curricular launched by the AICTE recently, the Department revisited the syllabus and deliberated the same in the Board of Studies of the Department accordingly, the Department has proposed the changes in some of the courses such as Analog Integrated Circuits and Antenna & Wave Propagation (4th Sem.), Operational research, Numerical Methods, Electives from Physics & Chemistry Dept.(7th Sem.). The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

Decision: Academic council approved the Program Structure and Syllabus for the B.Tech. Electronics & Communication Engineering Program with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.

7.8 Approval of Program Structure and Syllabus of the new UG Programs- B.Tech, Electronics & Computer Engineering.

Academic Council was informed that the University has asked permission from the Government after due approval of the AC & BoM to start the above program from the Academic Session 2018-19. Approval of the Govt. has now been received vide their letter dated 05. 05.2018 The Department of Electronics and Communication Engineering under which the program is to be offered has now proposed the Program Structure and Syllabus for the above program after due deliberation and approval of the BoS of the Department.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

Decision: Academic council approved the Program Structure and Syllabus for the new UG Programs- B.Tech, Electronics & Computer Engineering with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.

7.9 Approval of Program Structure and Syllabus of the new PG Programs- M.Tech, Embedded System and VLSI.

Academic Council was informed that Department of Electronics and Communication Engineering has proposed to offer the above program from the Academic Session 2018-19. The proposal of the Department has been duly approved by the Academic Council and thereafter submitted to the Government for seeking their approval to start the above program. Approval of the Govt. has now been received vide their letter dated 05.05.2018. The Department has now proposed the Program Structure and Syllabus for the above program after due deliberation and approval of the BoS of the Department. The same shall be tabled in the meeting for consideration of the Council.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

Decision: Academic council approved the Program Structure and Syllabus for new PG Programs- M.Tech, Embedded System and VLSI with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.

7.10 Revision in Program Structure of the B.Tech. & M.Tech.-Mechanical Engineering.

It was submitted that the Dept. of Mechanical Engineering took a review exercise of the program structure and course curriculum of the existing B.Tech. & M.Tech. programs in Mechanical Engineering, in view of the model curriculum launched by the AICTE in recent past. The Department, after due deliberation on the subject matter in the BoS has now proposed some changes in the Program Structure of the existing UG, PG Programs offered by it.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

Decision: Academic council approved the revised Program Structure and Syllabus for the B.Tech. & M.Tech.-Mechanical Engineering with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.

7.11 Revision of the courses offered under B.Sc (H) Chemistry.

It was submitted that the Department of Chemistry has proposed minor revision in the existing B.Sc Course of 5th Semester. In place of Seminar department wants to offer Minor project and has come out with a new scheme for a Major Project that will be offered in 6th Semester. Further Department has proposed minor changes in the Environmental Science Scheme as 2-0-0-2 mode in place of existing 1-0-2-0 mode. There is no change in the content of the existing syllabus except classifying few topics which are proposed to be covered in outcome mode. Academic Council was requested to approve the same.

Decision: Academic Council approved the proposed syllabus of B.Sc. (H) Chemistry.

7.12 Introduction of new specialization Inorganic Chemistry in M.Sc.-Chemistry Program.

Academic Council was informed that the Department of Chemistry is presently offering M.Sc. Chemistry program with specialization in Organic Chemistry for the last two academic years. Now, it has proposed to offer one more specialization i.e. Inorganic Chemistry from the academic year 2018-19. This will enable the students to have an option to choose one of them.

The Department has also proposed to increase the credit for the Major Project from **6 to 8** which is currently offered in 4th semester of Organic Chemistry. This scheme shall also be followed for new specialization in Inorganic Chemistry to be introduced from the Academic Session, 2018-19. Detailed program structure for M.Sc. Chemistry Program for both the specializations and Project Evaluation Scheme with regard to both the specializations was placed for consideration of the Council.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

Decision: Academic council approved the Program Structure and Syllabus for the new specialization in Inorganic Chemistry in respect of M.Sc.-Chemistry Program and revision in the existing syllabi of Organic Chemistry offered in 4th Semester with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/Chairman to approve the updated syllabus.

7.13 Revision in the syllabus of Chemistry offered to 1st year students of B.Tech. programs.

It was submitted that the Department of Chemistry has made proposal to amend the course contents of Chemistry offered to the student of engineering discipline in view of the model curriculum launched by the AICTE in the recent past. Considering the contents prescribed in the model curriculum and the one under offer to the students, the Department has come out with necessary changes in the existing course contents of the Chemistry. Some of the topics from the courses have been deleted or substituted with new one.

Further, Department has proposed to offer Environmental Science to engineering students from mode 1-0-2-0 to 2-0-0-2 to keep uniformity among the non-engineering and engineering students. However, syllabus shall remain the same.

The Changes proposed in the course contents to be offered to the engineering students are placed before the Council for consideration. The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

Decision: Academic council approved the revision in the Program Structure & syllabus of Chemistry offered to 1st year students of B.Tech programs with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.

7.14 Approval of Program Structure & Syllabus for BBA Programs from 2nd to 4th Semester.

Academic Council was informed that Program Structure & Syllabus for 1st Semester of BBA Programs with three specializations viz. BBA (Health Care Management), BBA (Entrepreneurship and Family Business) & BBA (Finance & Accounts) were approved by the Council in its Third Meeting held on 20.10.2016. The programs are now in the Fourth Semester. The Department has now

prepared Program Structure & Syllabus upto 4th Semester for all the three programs, which have been duly approved by the BoS of the Department.

Detailed program structure & Syllabus for BBA Programs in three specializations were placed before the Academic Council for consideration. The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

Decision: Academic council approved the Program Structure & Syllabus for BBA Programs from 2nd to 4th Semester with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/Chairman to approve the updated syllabus.

7.15 Any other matter with the permission of chair.

Dr S. K. Goyal, Hon'ble member of the Academic Council tried to know whether the University had Industry connect or not. He mentioned that faculty members should take out some time from their regular schedule to spent few hours in Industry; it would provide Industry exposure to them. He further stated that 10% of the programme should come from industry sponsorship. Board of Studies of the Departments should have people from industry so that they remain aware of the need of the industry. He would provide the names from the pool of industry people available with him, Pro Vice Chancellor and Director Industry Interaction briefed Dr. Goyal of the efforts put forth by the university departments to provide industry exposure to the students. He assured to help the University on the following:

1. PhD sponsorship by Industry.
2. Post Graduation in collaboration with Industry.
3. CSR grant from Industry for revival of Pond in Village.

Prof. R.K. Singh, another Hon'ble member of the Council stated that, it is indeed a wonderful idea that faculty should visit the industry to have a meaningful dialogue with the industry people, but if we work on the pattern of Silicon Valley, Industry can also visit MRU. It may better be called as industry academia face. Dr. Goyal may be right person for this discourse. He applauded the University for the efforts put forth by it in pursuit of achieving its goal in short span of three & half years of existence.

S.A.7.1 Revision of syllabus for the B.Tech., Computer Science & Engineering.

It was submitted for information of the Academic Council that the Program structure and syllabus for the existing B. Tech. Computer Science & Engineering was approved by the Board of Management in its first meeting held on 10.03.2015 in as much as the Academic Council of the University was not constituted at that time.

Now, in view of the model curriculum launched by the AICTE in the recent past, the Department revisited the syllabus in the meeting of the Board of Studies and has now proposed for reducing overall credits in respect of B.Tech CSE Program from 200 to 160 and M.Tech CSE Programs from 93 to 68 from the Academic Session 2018-19. Further, changes have also been proposed in the existing syllabi for 2015, 2016 & 2017 batch. The details thereof were presented before the Council.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

Decision: Academic council approved the revision in the syllabus of B.Tech., Computer Science & Engineering with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.

S.A.7.2 Approval of Program Structure & Syllabus for B.Tech Computer Science and Engineering with Specialization in Data Science & Machine Learning and B.Tech CSE with specialization in Digital Transformation Engineering.

It was submitted that the Department of Computer Science & Technology has proposed to offer two specializations of B.Tech, CSE from the Academic Session 2018-19 with due approval of the Competent Bodies and the Government. As informed by the Department, the contents for the common courses relating to the Computer Science shall remain the same, as it is, for B.Tech CSE, however, for the additional courses for specializations, which will be taught to the students, the Department has come out with the separate program structure and syllabus which was tabled in the meeting of the Council.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

Decision: Academic council approved Program Structure & Syllabus for B.Tech Computer Science and Engineering with Specialization in Data

Science & Machine Learning and B.Tech CSE with specialization in Digital Transformation Engineering and advised that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.

S.A.7.3. Revision of syllabus of Physics offered under B.Tech Programs.

The Academic Council was informed that the Department of Physics has revisited the syllabus of the above program in the wake of model curriculum launched by the AICTE and has come out with changes in courses viz Quantum Mechanics for Engineers offered to B.Tech CSE, 1st Semester, Introduction to Mechanics offered to B.Tech ME, 1st Semester, Introduction to Electro-Magnetic Theory offered to B.Tech, ECE, 2nd Semester and Oscillations, waves & optics offered to B.Tech ME 3rd Semester. The program structure & syllabus were presented before the Council for consideration.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same.

Decision: Academic council approved the revision of the syllabus of Physics offered under B.Tech Programs with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.

S.A.7.4. Revision of syllabus of Physics offered under 2nd Semester of M.Sc. (Physics) Programs.

The Academic Council was informed that the Department of Physics has revisited the syllabus of the above program and deliberated in the meeting of Board of Studies of the Department. It has proposed changes in the course of Electrodynamics and Plasma Physics. Relativistic Electrodynamics shifted from Section A to Section C and D. Plasma Physics contents are rearranged and hydrodynamics portion is reduced. The revised syllabus was presented before the Council.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same.

Decision: Academic council approved the revision in the syllabus of Physics offered under 2nd Semester of M.Sc. (Physics) Programs with the

advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.

S.A.7.5 Revision of courses offered under the Humanities to B.Tech & B.Sc (Hons.) 1st Year Students.

The Academic Council was informed that the Department of Humanities & Languages has revisited the syllabus to keep the course contents updated, modified with a perspective to the advancement in the syllabus of English as to keep pace with the best institutions of the Nation and to synchronize with the requirements of industry and having in consideration. It has proposed to offer **Professional English** to the B.Tech.1st year students during 1st semester with LTP 2-0-2 (3 Credits) whereas B.Sc (Hons.) 1st Year Students are proposed to offer **Business English & Communicative English** in both 1st & 2nd Semester with LTP 1-0-2 (4 Credits).

While proposing the revision of the courses, AICTE model curriculum has been adopted as such with some minor incorporation of topics and units. Some topics/units are merged, added, removed and modified keeping in view the advances in knowledge and the requirements of our university in sync with AICTE.

The revised course contents deliberated in the meeting of Board of Studies of the Department. The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

Decision: Academic council approved the revision of courses offered under the Humanities to B.Tech & B.Sc (Hons.) 1st Year Students with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.

SD/-
(Dr. K. Singh)
Registrar/Member Secretary

F.No. MRU/AC (A&M)/ Vol. II/2017

Dated: 03.01.2018

Copy to:

1. Ps to Chancellor for kind information of the Hon'ble Chancellor
2. Ps to VC for kind information of the Hon'ble Vice Chancellor
3. Ps to VP for kind information of the Hon'ble Vice President

4. Prof.(Dr.) M. S. Khurana, Pro Vice Chancellor & Dean (Academics
5. Prof.(Dr.) B.M. Bahal, Dean (Applied Sciences & Research);
6. Prof.(Dr.) P. K. Bhatnagar, Professor, Dept. of Elecs, D.U;
7. Prof.(Dr.) S. K. Garg, Pro Vice Chancellor, Delhi Technological Univ.,
8. Dr. S.K. Goel, Executive Director, Star wires(India) Ltd. Faridabad
9. Prof.(Dr.) R. K. Singh, Professor, Delhi School of Economics, D.U;
10. Dr. Vandana Singh, Assoc. Professor, IGNOU, Delhi
11. Prof. (Dr). Kanwal DP Singh, Dean, Faculty of Law, GGSIP University, New Delhi,
12. Prof.(Dr.) Rajat Gera, HoD (Management & Commerce);
13. Dr. Sujata nayak, HoD (Mech. Engg.)
14. Dr. Y.K. Awasthi, HoD (E & C Engg.);
15. Ms. Hanu Bhardwaj, HoD (Computer Science & Tech).;
16. Dr. Megha mittal, HoD, Dept. of Chemistry
17. Dr. Haider Abbas, HoD, (Physics);
18. Dr.A.K. Awasthi for, HoD, (Mathematics);
19. Mr. Jaideep Singh, HoD, (Humanities)
20. Dr. Babita Parashar, HoD (Education);
21. Dr. Varsha Vahini, HoD, Law
22. Prof.(Dr.) A. K. Gupta, Professor, (Chemistry);
23. Prof.(Dr).Jai R. Bhatnagar, Professor (CST)
24. Prof.(Dr.) D.K. Sharma, Professor (Physics);
25. Dr. Sangeeta Banga, Professor (Chmistry.);
26. Ms. Meena Kapahi, Associate Professor (Mech. Engg.);
27. Dr. S.K. Shukla, Assoc. Professor
28. Dr. Kameshwar Singh, Registrar / Member Secretary;

Minutes of the Third Meeting of Finance Committee of Manav Rachna University, Faridabad, held on 12th January, 2016 at 11:00 AM at Board Room, MRIU Campus, Faridabad.

The third Meeting of Finance Committee of Manav Rachna University, Faridabad was held on 12/01/2016 at 11:00 AM at MRIU Campus, Faridabad. Following were present:

S No.	Name & Designation	Status
1	Dr. M.M. Kathuria, Member – BOM	In Chair
2	Dr. Sanjay Srivastava, Vice Chancellor	Vice Chancellor
3	Dr. Amit Bhalla, Vice President	BOM's Nominee
4	Sh. Amit Kumar, Chartered Accountant	BOM's Nominee
5	Dr. Meenakshi S. Khurana, Dean-Academics	Member
6	Dr. Kameshwar Singh, Registrar	Member
7	Sh. Rajeev Malhotra, C. F. & A.O.	Secretary
8	Sh. Pradeep Chawla, AGM (CAD)	Special Invitee

3.1- Opening remarks by Chairman.

The Vice Chancellor welcomed all the members present in the meeting and extended his warm wishes for good health and long life of Dr. M M Kathuria on his 80th birthday. He prayed the Almighty to give us opportunity to celebrate this momentous occasion again & again so that Dr. Kathuria could continue to serve the society and guide the Manav Rachna Family for many more years. As a mark of his respect, the Vice Chancellor requested Dr. Kathuria to shares his experience of healthy and busy life and chair the meeting of the Finance Committee, which he kindly accepted. Dr. Kathuria stated that a positive attitude and his desire to work for the cause of the society and help needy persons gave him strength and courage to do the best which he always enjoyed and kept him alive all the time. He suggested that all of us should work with positive mind set which would definitely give us pleasure to work for achieving the organizational goal and helping others.

With these words, he requested the Chief Finance and Accounts Officer to proceed with the Agenda which were taken one by one for discussion.

The following are the minutes of the meeting :

3.2- To confirm the Minutes of the Second Meeting of the Finance Committee held on 22nd September, 2015.

The FC was informed that the minutes of the second meeting were circulated to all the members. No comments have been received. Hence, FC may confirm the minutes of the second meeting.

Decision: FC confirmed the Minutes.

3.3 - Action Taken Report on the decisions taken in the Second Meeting of Finance Committee.

The Chief finance & Accounts Officer apprised the Finance Committee about the action taken on the decisions of the last meeting and requested the members to take it on record.

Decision: The FC took the action taken report on record.

3.4 - To consider the detail of Actual Expenditure and Revenue for the first three quarters of current financial year 2015-16 i. e. from 1st April, 2015 to 31st December, 2015.

Based on the actual results, the Revised Budget for the FY 2015-16 is drafted and presented.

Finance Committee considered the Income & Expenditure Statement for nine months period, based on which the Revised Budget for the Financial Year 2015-16 was drafted and presented in the meeting. The FC was apprised that in the current year, receipts have reduced substantially due to less number of admissions and also due to less number of occupancy in the hostels. This year lesser students opted for hostel accommodation from the MRU. The Chairperson opined that a committee under the 'Dean- Students welfare' with other members as DR (Administration), Manager (Hostel) and Sports-Officer should appraise the present condition of the hostel and also examine the area which needs immediate attention for improvement so that more students could be attracted to the Hostels. This was agreed by all.

The FC further suggested certain modifications under 'Non-Recurring Expenditure' and decided to finalize the Revised Budget by 31st January after considering actual expenditure for the month of January and review it on monthly basis till the end of financial year.

Decision: 1. FC took the expenditure for three quarters on record and resolved to revise the Budget by 31st January, 2016.

2. Approved the constitution of Committee to study the condition of Hostels and suggest remedial measures for further improvement.

3.5 -To consider the Fee Structure for the Academic year 2016-17 for existing as well as for new programs.

The Fee Structure for academic year 2016-17 for existing programs of B.Tech/ M.Tech/MBA and B.Sc.(H) as well as for new UG/PG programs was presented by the C.F.& A.O., which was discussed at length and was approved for consideration of the Board of Management.

Decision: FC approved the proposed Fee Structure for all the Programs.

3.6 -To consider the Scholarship Policy for the year 2016-17.

The Scholarship Policy of the University for the Academic Year 2016-17 was considered & discussed in the Finance Committee and the same was approved for consideration of the BoM.

Decision: FC approved the Scholarship Policy for the Academic Year 2016-17.

3.7 - Any other item with the permission of Chair.

It was mentioned by the Hon'ble Vice Chancellor that the librarian is required to purchase books and CDs/ DVDs at short notice on the demand of the faculty members and students. He suggested that an amount of Rs. 10,000/- may be provided to the Deputy Librarian, MRU to meet such unforeseen expenditure. All the members agreed with the proposal.

Decision: FC approved the Imprest/ permanent advance of Rs. Ten thousands for the Library.

The Meeting ended with a vote of thanks to the Chair.

(Rajeev Malhotra)
Chief Finance & Accounts Officer

Copy to:

1. PS to Chancellor - for kind information to Hon'ble Chancellor.
2. PS to VC - for kind information to Hon'ble Vice Chancellor.
3. PS to VP - for kind information to Hon'ble Vice President.
4. Dr. M.M. Kathuria, Member, Board of Trustee.
5. Sh. Amit Kumar, FCA, 1H-33, NIT, Faridabad.
6. Prof. (Dr.) Meenakshi S. Khurana, Dean (Academics).
7. Dr. Kameshwar Singh, Registrar.
8. Sh. Pradeep Chawla, AGM (CAD).

Minutes of the Fourth Meeting of Finance Committee of Manav Rachna University, Faridabad, held on 6th September, 2016 at 11:30 AM at Board Room, MRIU Campus, Faridabad.

The fourth Meeting of Finance Committee of Manav Rachna University, Faridabad was held on 06/09/2016 at 11:30 AM at MRIU Campus, Faridabad. Following were present:

S No.	Name & Designation	Status
1	Prof.(Dr.) Sanjay Srivastava, Vice Chancellor	Chairman
2	Dr. Amit Bhalla, Vice President	Member
3	Dr. M.M. Kathuria, Member – BOM	Member
4	Prof.(Dr.) V. K. Mahna, Pro Vice Chancellor	Special Invitee
5	Prof.(Dr.) Meenakshi S. Khurana, Dean-Academics	Member
6	Sh. Amit Kumar, Chartered Accountant	Member
7	Dr. Kameshwar Singh, Registrar	Member
8	Sh. Rajeev Malhotra, C. F. & A.O	Member Secretary
9	Sh. Pradeep Chawla, AGM (CAD)	Special Invitee

4.1- Opening remarks by Vice Chancellor

The Vice Chancellor welcomed all the members present in the meeting apprised the members about the status of new admissions during the current academic year 2016-17 and appreciated the 'Admission-Cell' and the members of the Admission Committee for its all-out endeavor which has fructified in such a good numbers. With these words, he requested the Chief Finance and Accounts Officer to proceed with the Agenda which were taken one by one for discussion.

The following are the minutes of meeting:

4.2- To confirm the Minutes of the Third Meeting of the Finance Committee held on 12th January, 2016.

The FC was informed that the minutes of the third meeting were circulated to all the members. No comments have been received. Hence, FC may like to confirm the minutes of the second meeting.

Decision: FC confirmed the Minutes.

4.3 - Action Taken Report on the decisions taken in the Third Meeting of Finance Committee.

The Chief Finance & Accounts Officer apprised the Finance Committee about the action taken on the decisions of the last meeting and requested the members to take it on record.

Decision: The FC took the action taken report on record.

4.4 - Proposed Budget for the FY 2016-17 is presented for consideration.

Finance Committee was informed that Budget for the financial year 2016-17 is prepared by considering intake as 455. The FC considered the head-wise allocation of budget and deliberated at length. One of the Hon'ble member emphasized that there is a need to be more focused and attentive towards expenditure on R & D, Faculty Development and the Students' Welfare and amount which can be utilized for purchase of equipments for labs and R&D be informed to the Academic Departments to enable them to plan their work for lab development during the current financial year.

Decision: FC approved the Budget for FY 2016-17 and resolved that same be submitted before the Board of Management in the next Meeting. The approved budget is annexed as Annexure - 4.4.1.

4.5 - Consider for approval the Balance Sheet and Annual Accounts for the Financial Year 2015-16.

Finance Committee gone through the Balance Sheet and Annual Accounts for the Financial Year 2015-16 presented before it.

Decision: FC approved the Balance Sheet and Annual Accounts for the Financial Year 2015-16 and resolved that same be submitted before the Board of Management in the next Meeting as Annexure-4.5.1.

4.6 - Consider the detail of Actual Income & Expenditure Statement for the first four months of current financial year 2016-17 i. e. from 1st April, 2016 to 31st July, 2016.

Finance Committee gone through the Income & Expenditure Statement for first four months of current financial year 2016-17, presented before it.

Decision: FC took the four months Income & Expenditure Statement on record as per Annexure-4.6.1.

4.7 - Any other item with the permission of Chair.

No other item was taken up.

The Meeting ended with a vote of thanks to the Chair.

(Rajeev Malhotra)

Chief Finance & Accounts Officer

Copy to:

1. PS to Chancellor - for kind information to Hon'ble Chancellor.
2. PS to VP - for kind information to Hon'ble Vice President.
3. PS to VC - for kind information to Hon'ble Vice Chancellor.
4. Dr. M.M. Kathuria, Member, Board of Trustee.
5. Sh. Amit Kumar, FCA, 1H-33, NIT, Faridabad.
6. Dr. V. K. Mahna, Pro Vice Chancellor.
7. Prof. (Dr.) Meenakshi S. Khurana, Dean (Academics).
8. Dr. Kameshwar Singh, Registrar.
9. Sh. Pradeep Chawla, AGM (CAD).

Minutes of the Fifth Meeting of Finance Committee of Manav Rachna University, Faridabad, held on 17th January, 2017 at 11:00 AM at Board Room, MRIU Campus, Faridabad.

The fifth Meeting of Finance Committee of Manav Rachna University, Faridabad was held on 17/01/2017 at 11:00 AM at MRIU Campus, Faridabad. Following were present:

S No.	Name & Designation	Status
1	Prof.(Dr.) Sanjay Srivastava, Vice Chancellor	Chairman
2	Dr. Amit Bhalla, Vice President	Member
3	Dr. M.M. Kathuria, Member – BOM	Member
4	Prof.(Dr.) V. K. Mahna, Pro Vice Chancellor	Special Invitee
5	Prof.(Dr.) Meenakshi S. Khurana, Dean-Academics	Member
6	Sh. Amit Kumar, Chartered Accountant	Member
7	Dr. Kameshwar Singh, Registrar	Member
8	Sh. Rajeev Malhotra, C. F. & A.O	Member Secretary
9	Sh. Pradeep Chawla, AGM (CAD)	Special Invitee

The following are the minutes of meeting:

5.1 - Confirmation of the Minutes of the Fourth Meeting of Finance Committee held on 6th September, 2016.

The FC was informed that the minutes of the fourth meeting were circulated to all the members. No comments have been received. Hence, FC may like to confirm the minutes of the fourth meeting.

Decision: FC confirmed the Minutes.

5.2 - Action Taken Report on the decisions taken in the Fourth Meeting of Finance Committee.

The Chief Finance & Accounts Officer apprised the Finance Committee about the action taken on the decisions of the last meeting and requested the members to take it on record.

Decision: The FC took the action taken report on record.

5.3 – Consider the Revised Budget for the FY 2016-17.

Actual Income & Expenditure Statement from 1st April, 2016 to 31st December, 2016 is prepared and placed before the FC. Based on these result, the revised budget is re-appropriated for the financial year 2016-17. The FC discussed and considered the head-wise allocation of budget.

Decision: FC approved the Revised Budget for FY 2016-17 and resolved that same be submitted before the Board of Management in next Meeting. {Annexure - 5.3.1}

5.4 - Any other item with the permission of Chair.

No other item was taken up.

The Meeting ended with a vote of thanks to the Chair.

(Rajeev Malhotra)

Chief Finance & Accounts Officer

Copy to:

1. PS to Chancellor - for kind information to Hon'ble Chancellor.
2. PS to VP - for kind information to Hon'ble Vice President.
3. PS to VC - for kind information to Hon'ble Vice Chancellor.
4. Dr. M.M. Kathuria, Member, Board of Trustee.
5. Sh. Amit Kumar, FCA, 1H-33, NIT, Faridabad.
6. Dr. V. K. Mahna, Pro Vice Chancellor.
7. Prof. (Dr.) Meenakshi S. Khurana, Dean (Academics).
8. Dr. Kameshwar Singh, Registrar.
9. Sh. Pradeep Chawla, AGM (CAD).

Minutes of the Sixth meeting of Finance Committee of Manav Rachna University, Faridabad held on 9th May, 2017 at 3:00 PM at Board Room, MRIU Campus, Faridabad.

Sixth meeting of the Finance Committee was held on 09.05.2017 to consider various financial matters. The following were present:

- | | |
|--|--------------------|
| 1. Prof.(Dr.) Sanjay Srivastva, Vice Chancellor | : Chairman |
| 2. Dr. Amit Bhalla, Vice President | : Member |
| 3. Dr. M.M. Kathuria, Member-BoM | : Member |
| 4. Prof. (Dr.) V.K. Mahna, Pro Vice Chancellor | : Special invitee |
| 5. Prof. (Dr.) Meenakshi S. Khurana, Dean- Acad. | : Member |
| 6. Sh. Amit Kumar, Chartered Accountant | : Member |
| 7. Dr. K. Singh, Registrar | : Member |
| 8. Sh. Rajeev Malhotra, C.F. & A.O | : Member Secretary |
| 9. Sh. Pradeep Chawla, AGM (CAD) | : Special Invitee |

The following are the minutes of the meeting:

6.1 Opening Remarks by the Chairman

The Chairman welcomed all the members present in the meeting and apprised in brief about financial health of the university. He mentioned that the University started with a optimistic note but could not achieve as was initially thought off. This financial year, we are going to start new programs under two new faculties i.e. Bachelor of Education, Integrated B. Ed., Master of Education and 5 years integrated Law programs which would definitely improve the finances with the increase in admissions. The university has been growing gradually and it is hoped that soon it would be able to become self-sustenance. With these words, he requested CFO to take up the agenda items for deliberation. CFO thanked the Chairman for his kind words and took the agenda items one by one for discussion.

6.2 Confirmation of the minutes of 5th Meeting of Finance Committee held on 17th January, 2017.

The Finance Committee was informed that fifth meeting of the Committee was held on 17th January, 2017 and the minutes of the meeting were circulated to all the members concerned. No comments were received from any one of the members. The Finance Committee was requested to confirm the Minutes.

Decision: Finance Committee confirmed the Minutes.

6.3 Action Taken Report on the decisions taken in the 5th Meeting of Finance Committee.

The Hon'ble members were apprised of the action taken by the University and requested to take the report on record.

Agenda No.	Decision Taken	Action Taken Report
5.1	Confirmation of minutes of 4th Meeting of Finance Committee. FC confirmed the minutes of the 4 th meeting of FC, held on 6 th September, 2016.	No Action Required
5.2	Action Taken Report on the decisions taken in the 4th meeting of Finance Committee. FC was apprised by CFO about the action taken on the decisions of the fourth meeting and requested the members to take it on record.	No Action required.
5.3	Consider the Revised Budget for the Financial Year 2016-17. FC approved the Revised Budget for FY 2016-17 and resolved that same be submitted before the Board of Management in next Meeting.	Expenditures were incurred accordingly.
5.4	Any other item with the permission of Chair. No other item was taken up.	No Action required.

Decision: Finance Committee took the Action Taken Report on record.

6.4 Consider the Proposed Budget for the Financial Year 2017-18.

Finance Committee was informed that this year budget estimate has been prepared taking into account the 655 admissions in all the programs. The number may even increase as we anticipate more admissions particularly in two new UG programs Education & Law, being started from the session 2017-18.

Proposed Budget for the Financial Year 2017-18 was placed before for consideration of the members. The FC deliberated over the proposed budget and resolved to recommend the same for consideration of the Board of Management.

Decision: Finance Committee accepted the budget estimate and recommended the same for submission to Board of Management. Proposed Budget is annexed as Annexure -6.4.

6.5 Consider the Research Assistantship Scheme for PhD scholars.

The FC was appraised that the University has been offering Ph.D. Programs from the Year 2016 and now it has formulated a policy for award of Assistantship to meritorious Research Scholars. It has been named as Research Assistantship which comprises the Scholarship and other facilities to the scholars during the period of his/her stay in the University under the program. A copy of the scheme was placed for consideration of the Finance Committee.

Decision: Finance Committee approved the same for onward submission to the Board of Management. Recommended Scheme is annexed as Annexure No. 6.5.

6.6 Consider the Fee Structure for the candidates admitted through migration in the even-semester of the UG Programs.

Hon'ble members were informed that the University has been admitting students during even semesters of the UG programs through migration as per the provisions proposed in the First ordinance of the University. Policy has therefore been framed in respect of fees payable by the students who would be admitted in the 2nd and 4th semester under UG Programs. It is proposed to apply the same retrospectively from the session 2015-16. Proposed fee structure was placed for discussion and consideration in the finance committee.

Decision: Finance Committee approved the same for onward submission to the Board of Management. Recommended fee Structure is annexed as Annexure No. 6.6.

6.7 Any other item, with the permission of Chair.

No item taken for consideration.

The meeting ended with vote of thanks to the Chair.

Rajeev Malhotra
Member Secretary

Minutes of the Seventh Meeting of Finance Committee of Manav Rachna University, Faridabad, held on 11th September, 2017 at 12:30 AM at Board Room, MRIU Campus, Faridabad.

The seventh Meeting of Finance Committee of Manav Rachna University, Faridabad was held on 11/09/2017 at 12:30 AM at MRIU Campus, Faridabad. Following were present:

S No.	Name & Designation	Status
1	Prof.(Dr.) Sanjay Srivastava, Vice Chancellor	Chairman
2	Dr. Amit Bhalla, Vice President	Member
3	Prof.(Dr.) V. K. Mahna, Pro Vice Chancellor	Special Invitee
4	Prof.(Dr.) Meenakshi S. Khurana, Dean-Academics	Member
5	Sh. Amit Kumar, Chartered Accountant	Member
6	Dr. Kameshwar Singh, Registrar	Member
7	Sh. Rajeev Malhotra, C. F. & A.O	Member Secretary
8	Sh. Pradeep Chawla, AGM (CAD)	Special Invitee

Dr. M. M. Kathuria, Member-BOM is out of country and conveys his inability to attend the meeting. Leave of absence was allowed to Dr. M. M. Kathuria.

The following are the minutes of meeting:

7.2 - Confirmation of the Minutes of the Sixth Meeting of Finance Committee held on 9th May, 2017.

The FC was informed that the minutes of the sixth meeting were circulated to all the members. No comments have been received. Hence, FC may like to confirm the minutes of the fourth meeting.

Decision: FC confirmed the Minutes.

7.3 - Action Taken Report on the decisions taken in the Sixth Meeting of Finance Committee.

The Chief Finance & Accounts Officer apprised the Finance Committee about the action taken on the decisions of the last meeting and requested the members to take it on record.

Decision: The FC took the action taken report on record.

7.4 – Consider for approval, the Balance-Sheet and Annual Accounts for the Financial Year 2016-17.

The Balance Sheet and Annual Accounts for the Financial Year 2016-17 have been placed before the members of the Finance Committee for discussion and approval.

Decision: FC approved the Balance Sheet and Annual Accounts for FY 2016-17 and resolved that same be submitted before the Board of Management in next Meeting. {Annexure - 7.1}

7.5 - Any other item with the permission of Chair.

Fee Structure for Academic Year 2018-19 for Existing Programs as well as for New Programs was placed before the members for approval.

Decision: The FC approved the Fee Structure and resolved that same may be placed before the Board of Management in next meeting. {Annexure - 7.2}

The Meeting ended with a vote of thanks to the Chair.

(Rajeev Malhotra)

Chief Finance & Accounts Officer

Copy to:

1. PS to Chancellor - for kind information to Hon'ble Chancellor.
2. PS to VP - for kind information to Hon'ble Vice President.
3. PS to VC - for kind information to Hon'ble Vice Chancellor.
4. Dr. M.M. Kathuria, Member, Board of Trustee.
5. Sh. Amit Kumar, FCA, 1H-33, NIT, Faridabad.
6. Dr. V. K. Mahna, Pro Vice Chancellor.
7. Prof. (Dr.) Meenakshi S. Khurana, Dean (Academics).

8. Dr. Kameshwar Singh, Registrar.
9. Sh. Pradeep Chawla, AGM (CAD).

Minutes of the Eighth Meeting of Finance Committee of Manav Rachna University, Faridabad, held on 5th January, 2018 at 4:00 PM at Board Room, MRIIRS Campus, Faridabad.

The Eighth Meeting of Finance Committee of Manav Rachna University, Faridabad was held on 5/01/2018 at 4:00 PM at MRIIRS Campus, Faridabad. Following were present:

S No.	Name & Designation	Status
1	Prof.(Dr.) Sanjay Srivastava, Vice Chancellor	Chairman
2	Dr. Amit Bhalla, Vice President	Member
3	Dr. M.M. Kathuria, Member-BoM	Member
4	Prof.(Dr.) Meenakshi S. Khurana, PVC & Dean-Academics	Member
5	Sh. Amit Kumar, Chartered Accountant	Member
6	Dr. Kameshwar Singh, Registrar	Member
7	Sh. Rajeev Malhotra, C. F. & A.O	Member Secretary
8	Sh. Pradeep Chawla, AGM (CAD)	Special Invitee

The following are the minutes of meeting:

8.0 Opening Remarks by the Chairman

The Chairman welcomed the members present in the meeting. He stated that this is the 3rd year of University; presently there are 126 faculties and 18 non-teaching staff working on its roll. The University has come up well during this short span of time and carved its own place in academic arena. The current faculty/ student ratio is 1:13 which is even better than the one prescribed at the moment. We expect to achieve much more with the improvement in number of admissions in subsequent years as is evident from the outcome of the preceding years. With these words he concluded his remarks and requested the CF & AO to proceed further with next agenda. The CF & AO then took up the agendas for consideration of the Committee.

8.1 - Confirmation of the Minutes of the Seventh Meeting of Finance Committee held on 11th September, 2017

The FC was informed that the Minutes of the Seventh Meeting were circulated to all the members. No comments have been received. Hence, FC may like to confirm the minutes.

Decision: Finance Committee confirmed the Minutes.

8.2 - Action Taken Report on the decisions taken in the Seventh Meeting of Finance Committee

The Chief Finance & Accounts Officer apprised the Finance Committee about the action taken on the decisions of the last meeting and requested the members to take it on record.

Decision: The Finance Committee took the action taken report on record.

8.3 – Consider the Revised Budget for the Financial Year 2017-18

The Income and Expenditure Statement for the eight months ended on 30th November, 2017 was presented before the committee. Based on this working, the Budget for the financial year 2017-18 is re-appropriated and placed before the committee for consideration and approval. One of the Hon'ble members mentioned that there was need to enhance the expenditure under the sub-head 'R & D' and 'Non-Recurring Expenditure' which was agreed by the members. With this modification, RE for the year 2017-18 was approved by the FC.

Decision: FC approved the Revised Budget for FY 2017-18 with changes as advised in the meeting and resolved that same be submitted before the Board of Management in next Meeting. {Annexure - 8.1}

8.4 Consider the Revised Fee Structure for the Academic Year 2018-19

The FC was apprised that minor revision in Fee structure has been proposed in the Fee recommended by the FC in its last meeting for the ensuing academic year 2018-19. Final Fee Structure for Academic Year 2018-19 for Existing Programs as well as for New Programs was placed before the members for consideration and approval.

Decision: The FC approved the Revised Fee Structure and resolved that same may be placed before the Board of Management for approval.

{Annexure - 8.2}

8.5 Any other item with the permission of Chair

No item taken for consideration.

The meeting ended with vote of thanks to the Chair.

(Rajeev Malhotra)

Chief Finance & Accounts Officer

Copy to:

1. PS to Chancellor - for kind information to Hon'ble Chancellor
2. PS to VP - for kind information to Hon'ble Vice President
3. PS to VC - for kind information to Hon'ble Vice Chancellor
4. Dr. M.M. Kathuria, Member, Board of Trustees
5. Sh. Amit Kumar, FCA, 1H-33, NIT, Faridabad
6. Prof. (Dr.) Meenakshi S. Khurana, PVC & Dean (Acad.)
7. Dr. Kameshwar Singh, Registrar
8. Sh. Pradeep Chawla, AGM (CAD).

Minutes of the Ninth Meeting of Finance Committee of Manav Rachna University, Faridabad, held on 26th April, 2018 at 2:00 PM at Board Room, MRIIRS Campus, Faridabad.

The Ninth Meeting of Finance Committee of Manav Rachna University, Faridabad was held on 26/04/2018 at 2:00 PM at MRIIRS Campus, Faridabad. Following were present:

S No.	Name & Designation	Status
1	Prof.(Dr.) Sanjay Srivastava, Vice Chancellor	Chairman
2	Dr. Amit Bhalla, Vice President	Member
3	Prof.(Dr.) Meenakshi S. Khurana, PVC & Dean-Academics	Member
4	Sh. Amit Kumar, Chartered Accountant	Member
5	Dr. Kameshwar Singh, Registrar	Member
6	Sh. Rajeev Malhotra, C. F. & A.O	Member Secretary
7	Sh. Pradeep Chawla, GM (CAD)	Special Invitee

Dr. M. M. Kathuria, Trustee could not attend the meeting due to his preoccupation. He was granted Leave of absence.

The following are the minutes of meeting:

9.1 - Confirmation of the Minutes of the Eighth Meeting of Finance Committee held on 5th January, 2018

The FC was informed that the Minutes of the Eighth Meeting were circulated to all the members. No comment has been received. Hence, FC may like to confirm the minutes.

Decision: Finance Committee confirmed the Minutes.

9.2 - Action Taken Report on the decisions taken in the Eighth Meeting of Finance Committee

The Chief Finance & Accounts Officer apprised the Finance Committee about the action taken on the decisions of the last meeting and requested the members to take it on record.

Decision: The Finance Committee took the action taken report on record.

9.3 – Consider the Proposed Budget for the Financial Year 2018-19

The Estimated Income and Expenditure Statement for the year April, 2017 to March, 2018 was presented before the committee. Based on this working, the Budget for the financial year 2018-19 is prepared and placed before the members for consideration and approval. The FC deliberated over the proposed budget and resolved to recommend the same for consideration of the Board of Management.

Decision: Finance Committee accepted the budget estimates and recommended the same for submission to the Board of Management for approval. Proposed Budget is annexed as Annexure -9.3.

9.4 Any other item with the permission of Chair

No item taken for consideration.

The meeting ended with vote of thanks to the Chair.

(Rajeev Malhotra)

Chief Finance & Accounts Officer

Copy to:

1. PS to Chancellor - for kind information to Hon'ble Chancellor
2. PS to VP - for kind information to Hon'ble Vice President
3. PS to VC - for kind information to Hon'ble Vice Chancellor
4. Dr. M.M. Kathuria, Member, Board of Trustees
5. Sh. Amit Kumar, FCA, 1H-33, NIT, Faridabad
6. Prof. (Dr.) Meenakshi S. Khurana, PVC & Dean (Acad.)
7. Dr. Kameshwar Singh, Registrar
8. Sh. Pradeep Chawla, GM (CAD).

Date: September 05, 2016

BOS Meeting Minutes

Time: 11:30 a.m.

Venue: 'L' Block, LG-06.

Agenda:

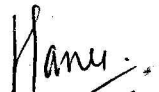
1. To finalize the Approval of iCarnegie Course pedagogy in the curriculum.
2. To finalize Question Paper Setters for MRU Curriculum subjects in context of internal & external exam.
3. To discuss credibility of summer training modules.
4. To assess course feedback received on MRU curriculum.


The following members were present:


1. Ms. Hanu Bhardwaj
2. Dr. Jyoti Pruthi
3. Mr. Sachin Lakra
4. Dr. Prinima
5. Mr. Ram Chatterjee

The following were the outcomes of the meeting:

1. The iCarnegie Workshop SDP02 (CSW152P), pedagogy implicated in B.Tech. 2nd Semester for CSE/IT/ECE/ME, was finalized with its current state and context of implementation.
2. The Question Paper Setter were finalized for the MRU B.Tech. and M.Tech. courses in the context of internal paper setter and external paper setter.
3. The summer training imparted on modules viz. Python and Software Testing, through outsourced trainers, have proved credible for students in bridging the gap between academia and industry, in terms of technical skills gained by the students.
4. The feedback received on the MRU curriculum and teaching pedagogy, both from students and faculty, have been found to be positive in context of the contemporariness of the syllabus and fruitfulness in its technical niche.


Ms. Hanu Bhardwaj
(BOS – Chairperson)


Dr. Jyoti Pruthi
(BOS – Member)


Mr. Ram Chatterjee
(BOS – Member)



MANAV RACHNA UNIVERSITY

Established, vide Haryana Act no.26 of 2014
(Formerly Manav Rachna College of Engineering,
NAAC Accredited 'A' Grade Institute)

Date: 24/03/2017

MINUTES OF MEETING

Third

Subject: Board of Studies – B.Tech

Venue: H Block, Board Room

Date: 24/03/2017

Agenda: a) Finalization of Paper Setters.

- b) Syllabi Changes to be incorporated if Any.
- c) Action done on points discussed in second meeting.
- d) Discussion on Summer Training Module.
- e) Showcase of Question Papers and Results of year Dec 2016.

Points Discussed:

1. Paper setter list is OK for coming semester. The improvement recommended is to have more than one paper setter for each course, (No repetition of paper setter)
2. Addition of Matlab software ^{option} for EMFW Lab.
3. FOEE New syllabus is being implemented from current semester.
4. Add new practical in FOEE for the changes recommended in Section D.
5. Summer Training Modules discussed & found OK.
6. Approval for the agendas of last minutes of meeting.
7. Defining of Grades on the result sheet.

The following members were present in the meeting:

1. Dr. B. M Bahal, Dean Research
2. Ms. Sanjana Malhotra, HOD
3. Dr. Y.K Awasthi, Associate HOD
4. Dr. P.K Bhatnagar, Professor, Delhi University
5. Dr. Meenakshi Gupta, Assistant Professor
6. Ms. Yogita Gupta, Assistant Professor

Invitee ← ABSENT

Chairperson *Sanjana Malhotra*

Member *Y.K. Awasthi* 24/03/17

Member *P.K. Bhatnagar* 24.2.17

Member *Meenakshi Gupta*

Member *Yogita Gupta*



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NAAC ACCREDITED 'A' GRADE INSTITUTION

Declared as State Private University under section 2f of the UGC act, 1956

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Date: 27/9/2016

MINUTES OF THE MEETING: *Sec cono/*

Subject: Board of Studies – Bachelor of Technology (B.Tech)

Master of Technology (M.Tech)

Venue: H-Block, Board Room

Date: 27/09/2016

Agenda: a) Updation of Course codes in syllabi - discussed & approved

b) Finalization of paper setters - List confirmed.

Points discussed

1. Syllabus of FOEE to be redesigned acc. to the need of ME students.
2. Changes recommended in EE by faculty members to be incorporated.
3. EDC syllabus changes recommended.
4. In Program Structure T and P should be defined at the last.
5. Sustainability Strategies ^{online} Course by PURDUE NEXT was discussed & approved. Syllabus has been incorporated.

Signatures of the members present:

1. Dr. P.K. Bhatnagar *P.K. Bhatnagar* 27.9.16
2. Dr. M.R. Tyagi *M.R. Tyagi*
3. Dr. Y.K. Awasthi *Y.K. Awasthi*
4. Ms. Shefali Chopra *Shefali Chopra*
5. Ms. Yogita Khanna *Yogita Khanna*
6. Ms. K. Deepa *K. Deepa*
7. Ms. Meenakshi Gupta *Meenakshi Gupta*
8. Dr. Shiv Kumar Dixit *Shiv Kumar Dixit*
9. Ms. Meena Kapali *Meena Kapali*



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Date: April 18th, 2018

Venue: H Block Board Room

MINUTES OF FOURTH MEETING OF BOARD OF STUDIES

AGENDA:

1. Review and approval of Program Structure B. Tech- Electronics and Computer Engineering and syllabi of courses offered by Department.
2. Review and approval of Program Structure M. Tech- Electronics and Communication Engineering with sp. in Embedded systems and VLSI.
3. Review of Program Structure and syllabi of existing B.Tech- Electronics and Communication Engineering (Elective courses of 7th Sem).
4. Finalization of External paper setters for T3 and PT3, 2017-18.
5. Action Done on Points discussed in Third BOS meeting.
6. Feedback Reports on Syllabus- Third, Fourth, Fifth & Sixth Semesters.

POINTS DISCUSSED:

- As per Agenda point no. 6 feedback reports for all the courses are discussed and the changes suggested have been approved:
 1. Analog Integrated Circuits: Filters topic to be shifted in Section-B and MOSFET to be shifted to Section-D. In section-C it should be Oscillator based op-amp circuits.
 2. For Antenna and Wave propagation: Remove Log Periodic Antennas from Section-C as it is already incorporated in Frequency Independent Antennas given in Section-D. Further in Section D specify Matching Techniques as Stub and Quarter Wave Transformer Matching.
- As per Agenda point no. 4 designation of paper setters is to be incorporated in the list for T3 examination and List of paper setters has been approved.
- As per Agenda point no. 5 the action taken points of third BoS meeting have been noted.
- As per Agenda point no. 3, new elective courses offered by Department of Electronics and Communication Engineering are presented viz., four courses proposed are IoT Sensors and

Devices, Neural Networks and Fuzzy Logic, CMOS VLSI Design and Computational Electromagnetics in place of basket offered by Applied Science Department. The courses along with the syllabus have been widely discussed and approved by BoS.

- As per Agenda point no. 2, the Program Structure of M.Tech in Electronics and Communication Engineering with sp. In Embedded Systems and VLSI following points has been discussed:
 1. Detailed syllabus of subject "RTL Simulation & Synthesis with PLD" is required for each section.
 2. Detailed syllabus of section-D is required for "Digital Signal and Image Processing".
 3. Detailed syllabus of subject "VLSI signal Processing" is required for each section.
 4. Detailed syllabus of subject "System Design and Embedded Linux" is required for each section.
 5. Detailed syllabus of subject "CAD of Digital Systems" is required for each section.
 6. Detailed syllabus of subject "Communication Buses and Interfaces" is required for each section.
 7. Detailed syllabus of subject "Physical design automation" is required for each section.
 8. Detailed syllabus of subject "Nanomaterials and Nanotechnology" is required for each section.
 9. It is observed that the Course M.Tech-ECE is as per the norms of AICTE Model Curriculum; therefore with the consensus of all members of BoS M.Tech-ECE course program structure has been approved.

- As per Agenda point no. 1, the Program Structure of B.Tech in Electronics and Computer Engineering has been discussed:
 1. The credit distribution of Open Elective Courses as per AICTE model curriculum for Electronics and Communication Engineering is 18 credits and Computer science and engineering is 12 credits. But as per MRU it has been given 10 credits in Electronics and Computer Engineering which should be justified in detail.

Justification: As this program is more useful blend of Electronics and Computer Engineering and it is an effect of this situation. At no point the AICTE norms has been diluted and the overall credits are same as per AICTE model curriculum Vol-I (UG) so this may be approved.

- All those courses where there are minor changes or credits are adjusted is justified as per the current requirement.
 1. As the university is equipped with latest lab facilities and infrastructure so to utilise those facilities Lab Component is added to few subjects to give the hands-on experience to the students. The credits for the same are adjusted within the subjects.

- As per the AICTE model curriculum the program B.Tech in Electronics and Computer Engineering is not mentioned so the prior Approval of the program from AICTE to be enclosed in the B.Tech Booklet.

- Analog Circuits and VLSI design subjects are combined to adjust for computer courses and no compromise has been done with the AICTE model curriculum.

- Internet of Things (IoT) is given in MOOC courses as per AICTE. As IoT is an emerging and vast field so it has been divided into three phases and given in different semesters.

- Robotics has been introduced in Program Elective Courses in two as per the current technological trends.
- Detailed syllabus of subject "Biomedical Electronics" is required for each section.
- All the Text Books and Reference Books of latest edition should be available in Library.
- Instead of Fundamentals of Electronics and Electrical Engineering, Basic Electronics should be taught to CST students as this subject is more relevant for them.
- BoS suggested that the subject given to CST students as Digital Electronics and Microcontrollers should be replaced with Digital System Design Subject given in AICTE model curriculum and another subject i.e. Microprocessors and Microcontrollers can be given in higher semesters.
- E-Waste Management (from NPTEL) has been introduced in Curriculum as a subject for spreading the environmental awareness amongst the students.
- It was unanimously suggested to each instructor to give real life examples of each and every topic they are teaching in class indicating their relevance.
- The B. Tech program structure (Electronics and Computer Engineering) offered by Department of ECE is as per the norms of AICTE Model Curriculum, therefore with the consensus of all members of BoS B. Tech-ECM course program structure and syllabus of the subjects offered by Department of Electronics and Communication Engineering only has been approved.

MEMBERS PRESENT:

1. Dr. Y K Awasthi, Associate Professor
2. Dr. P K Bhatnagar, Professor, University of Delhi
3. Dr. Charu Pathak, Professor
4. Ms. Yogita Khanna, Assistant Professor
5. Mr. Anuj Kumar, Assistant Professor
6. Ms. Niharika Thakur, Assistant Professor
7. Ms. Nitika Munjal, Assistant Professor
8. Mr. Vijay Kumar Gill, Assistant Professor

Chairperson *Yogendra Awasthi*
18/04/18

Member *G. K.*
18.4.18

Member *Charu*
18/4/18

Member *Yogita*
18/04/18

Invitee *Anuj*
18/04/18

Invitee *Niharika*
18/4/18

Invitee *Nitika*
18/4/18

Invitee *Vijay*
18/4



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Dated: 16th April, 2018

MINUTES OF MEETING

Subject: MRU- B.Tech (ME) Program Structure

Date: 16th April 2018

Time: 9:30 am-1:00 pm

Venue: HG-14

Agenda: (i) Discussion of B. Tech Mechanical Engg. Program/Course structure and Syllabus as per AICTE model curriculum.
(ii) Discussion of M. Tech Mechanical Engg (Specialization Manufacturing and Production) Program/Course structure and Syllabus
(iii) Approval of list of External Examiner

The following members were present in the meeting:

1. Dr. Sujata Nayak, HoD-ME, Chairperson
2. Mr. Joginder Singh, Asso. Head-ME, Assoc. Prof.
3. Gautam Malhotra, Director, Bhartiya Valves Pvt. Ltd. (External Member)
4. Dr Vasdev Malhotra , Professor, YMCA University (External Member)
5. Mr Ajit Katiyar, Assoc. Prof., Mechanical
6. Mr. Sanjay Taneja, Assoc. Prof. Mechanical
7. Mr. Piyush Mahendru, Assistant. Prof., Mechanical (Special Nominee)
8. Mr. Prashant Bhardwaj, Assistant. Prof., Mechanical (Special Nominee)

Key Points Discussed:

1. Courses for First year in all streams should follow AICTE norms and guidelines.
2. Major reshuffle in structure suggested by AICTE must be avoided as suggested by AICTE.
3. Subject name should be displayed in full form such as CNC, TQM and PPC etc.
4. Mandatory course such as foreign language & CDC must be displayed against MOOC course.
5. Research Methodology should be displayed in scheme.
6. One industrial subject should be introduced, which will be taught by industrial expert & faculty of MRU in 8th semester.
7. Production, planning and Control (PPC) & Statistical, Quality and Control (SQC) should be introduced instead of Total Quality Management (TQM).
8. CDC name should be changed to Proficiency competency enhancement.
9. Industry participation to be increased by introducing Industry Oriented course, if possible lecture can be given by Industry Specialist.
10. Industry specific subjects like 3D software, Production, planning and Control, Quality Management, CNC should be taught in detail with lab experience. Industry Exposure by regular visits and interaction with Industry Experts should be increased.
11. Suggestions have been given for reducing M.Tech. Course credit from 98 to 68 credits as per AICTE guidelines.

✓
16.4.18

Signatures of the BOS Members:

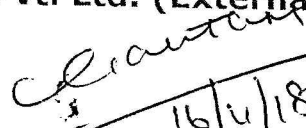
1. Dr. Sujata Nayak, HoD-ME, Chairperson


16/4/18

2. Mr. Joginder Singh, Asso. Head-ME, Assoc. Prof.


16/4/18

3. Gautam Malhotra. **Bhartiya Valves Pvt. Ltd. (External Member)**

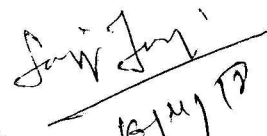

16/4/18

4. Dr Vasdev Malhotra , Assoc. Prof. YMCA University **(External Member)**


16.4.18

5. Mr Ajit Katiyar, Assoc. Prof., Mechanical Mr. Sanjay Taneja, Assoc. Prof.
Mechanical

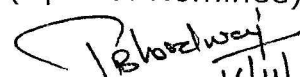

16/4/18


16/4/18

6. Mr. Piyush Mahendru, Assistant. Prof. Mechanical (Special Nominee)


16/4/18

7. Mr. Prashant Bhardwaj, Assistant. Prof. Mechanical (Special Nominee)


16/4/18

Dated: March 18, 2017

Minutes of Meeting- 3rd- BOS ME

B.Tech. (Mechanical Engineering)

1. Requisite conditions need to be mentioned for running the electives in the program structure.
2. The department need to have a relook on the number of electives and associated laboratories.
3. Essentiality of laboratories in each subjects should be relooked.
4. The department need to have a relook on the number of contact hours for semester 7th and 8th semesters

M.Tech. (Mechanical Engineering-Production and Manufacturing Engineering)

1. The program structure for the M.Tech. in Mechanical Engineering (Production and Manufacturing Engineering) is approved for the batch 2015-17.
2. The department need to have a relook on the number of electives and associated laboratories.
3. O-component in the subject offerings need to be relooked.
4. Essentiality of laboratories in each subjects should be relooked.

B.Tech (Industrial Engineering and Management)

1. The program structure needs to be relooked as per the guidelines given for B.Tech. Mechanical Engineering.

BOS Members

Signature

Dr. D.S.Kumar

D.S. Kumar

Dr. M.R.Tyagi

M.R. Tyagi

Dr. B.D.Pathak

B.D. Pathak

Dr. Rajiv N. Rai

Rajiv N. Rai

Dr. Sujata Nayak

Sujata Nayak

Mr. Ajit Katiyar

Ajit Katiyar

Mr. Mohd. Badrul

Mohd. Badrul

Mr. Ajay Kumar Agarwal

Ajay Kumar Agarwal

Mr. Kapil

Kapil

REPRTING ITEM

MECHANICAL ENGINEERING

MINUTES OF MEETING 2nd BOS

Date: 15.10.16

Page No.: _____


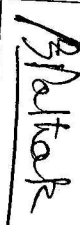





MINUTES OF MEETING BOARD OF STUDIES-2ND MEETING

The BOS members agreed to approve the course structure for B.Tech. for up to Semester 4 and advised to review the structure for further semesters.

1. Suggestion to keep a provision for a course on 'Personality Development' in some semester after 4th semester.
2. Suggestion to generalize the nomenclature of subjects/courses as per universally accepted standards and to be restrained from being innovative in it.
3. Suggestion to facilitate the students with full freedom to pick electives based on their choice by removing the pre-requisites from advanced subjects.
4. Suggestion to have the scope of a subject meant for competitive exams in syllabus viz. GATE and NET under a generalized name e.g. 'Professional Competence Course'
5. Suggestion to keep the 'Engineering Drawing' workshop in 1st semester which can be followed by 'Mechanical Workshop' workshop in 2nd semester.
6. Suggestion to present the clear breakup of the credits based on the nature of subject/course like
 - ✓ Humanities
 - ✓ Applied Science
 - ✓ Core Mechanical Engineering
 - ✓ Other Engineering Branches
 - ✓ Etc.
7. Suggestion to remove the word 'Advance' from most subjects and to use 'Course-I, Course-II' system.
8. Suggestion to remove name of the offering department from the curriculum structure.

It was decided that the course structure and course contents will be thoroughly discussed ~~it~~ at department level and will be put on approval in the next BOS meeting.

15.10.16

Sr. No.	BOS Members	Designation of BOS Members	Signature
1.	Prof. (Dr.) M. R. Tyagi	Professor & Dean-Engg.	
2.	Prof. (Dr.) B. D. Pathak	Professor & Dean-Exam	
3.	Mr. Ajit Katiyar	Associate Professor	
4.	Dr. Sujata Nayak	Associate Professor	
5.	Mr. Sanjay Taneja	Associate Professor	
6.	Mr. Gianender	Asst. Professor - Invitee	
7.	Mr. R. C. Chaturvedi	Asst. Professor - Invitee	
8.	Mr. Ajay Kumar Agarwal	Asst. Professor - Invitee	

Manav Rachna University
Department of Physics
Minutes of the BOS-Physics meeting held on October 01, 2016

Venue : Board Room, H Block
Time : 9:30 AM to 2:30 PM
Date : 01.10.2016

Members Present :

- | | |
|-------------------------|--|
| 1) Dr. B.M. Bahal | : Dean Applied Sciences |
| 2) Dr. Haider Abbas | : Chairperson, Head Physics Department |
| 3) Dr. Jai Parkash | : Member |
| 4) Ms. Ananna Bardhan | : Invitee |
| 5) Prof. P.K. Bhatnagar | : Expert (DU) |

Board of Studies meeting was held on October 01, 2016 in HG-13 room, where syllabi for the courses offered for I, II, III and IV semesters of M.Sc. program were presented before the reviewer Prof. P.K. Bhatnagar.

The comments from the reviewer were:

- 1) Formalization of tutorial classes is not necessary for M.Sc program.
- 2) Summer training from relevant labs/institutions is proposed.
- 3) The syllabus of paper-research methodology should contain the essence of Physics.
- 4) There should be one more specialization-electronics in the M.Sc course.
- 5) Year and Edition of the suggested books should be added.
- 6) There should be some expert lecture on "fabrication and characterization techniques"
- 7) Written material of theoretical description of the experiment should be provided to the students, if the relevant topic is not taught in the theory classes.
- 8) Words "why quantum mechanics" should be replaced by "Basic review of quantum mechanics".
- 9) In electronics paper syllabus, JFET, MOSFET, OP-AMP, oscillator should be added.
- 10) Raman effect should be added in the D-section of atomic and molecular physics.
- 11) In solid state paper "Miller indices" should be added in section A.
- 12) Hamiltonian formulation should be added in classical mechanics.
- 13) BCS theory should be added in solid state physics.

Dr. Haider Abbas
Head
Physics Department

Enclosed: Modified copy of syllabus

Board of Studies
Department of Education
Manav Rachna University Faridabad

10.4.2017 Monday 11:30 am

Following were present:

- Dr Babita Parashar (Chairperson))
- Prof. Anita Rastogi (Expert)
- Prof. Meenakshi S.Khurana (Invited
- Ms Goldy Malhotra (Member)
- Ms Seema Sharma (Member)
- Ms Jasmeet Kaur (Member)
- Mr Aditya Dhawan (Invited)
- Ms Shreyasi Das (Invited)
- Ms Ridhi Khanna (Invited)

Agenda of the meeting is:

- Course Outline and syllabus review of B.Sc./B.A. B.Ed Integrated programmes.
- Course Outline and syllabus review of B.Ed Program.
- Course Outline and first semester syllabus review of M.A.(Education) Program.
- Syllabus review of Applied Philosophy Course offered to B.Tech/B.Sc.(H) programs.
- Syllabus review of Applied Psychology Course offered to B.Tech/B.Sc.(H) programs.

Minutes of Meeting

1. The first meeting of the Board of Studies of Department of Education, Manav Rachna University was held on 10th April 2017 at 11:30 A.M. at J block, University Campus, under the Chairmanship of Dr. Babita Prashar , Head of Department , Department of Education.
2. The attendance list of members with signatures is attached separately.
3. Introduction of members: All the members were introduced by Dr. Babita Parasher, and a presentation of programmes offered by Department of Education was given along with their outlines.
4. The Board of Studies considered the following agenda items and after detailed deliberation the following suggestions were given and decisions were taken unanimously:-

A). Course Outline and syllabus review of B.Sc./B.A. B.Ed Integrated programmes.

(i) It was suggested to keep the level of core courses in science and arts up to graduation level. For some courses it was ensured that this factor was considered and experts in respective fields were considered; however syllabi of remaining courses were reconsidered.

(ii) Swapping of a courses 'Foundation of Education' and 'Learner and Learning' between first and second semester of BSc. B,Ed course was suggested and after discussion the change was incorporated.

iii) It was suggested to offer a basket of elective courses under choice based credit system (CBCS). The proposal was accepted.

(iv) It was recommended to revise the credits for certain courses. The recommendation made was considered unanimously and changes were incorporated after deliberation in following manner:

Credits will be revised and to justify credit and contact hours a summer semester will be introduced after 6th semester.

B) Agenda Item Course Outline and syllabus review of B.Ed Program.

(i) Suggestion regarding 4 week field engagement to be done during first two semesters was given .It was proposed to send student teachers for field work at least one week at a stretch in any one of the two semesters. The suggestion for fixing one week for field engagement was unanimously accepted.

(ii) It was suggested to modify the nomenclature of activity 'Classroom Observation' The suggestion was accepted as mere observation is not the purpose but , student teachers are



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Date: April 18th, 2018

Venue: H Block Board Room

MINUTES OF FOURTH MEETING OF BOARD OF STUDIES

AGENDA:

1. Review and approval of Program Structure B. Tech- Electronics and Computer Engineering and syllabi of courses offered by Department.
2. Review and approval of Program Structure M. Tech- Electronics and Communication Engineering with sp. in Embedded systems and VLSI.
3. Review of Program Structure and syllabi of existing B.Tech- Electronics and Communication Engineering (Elective courses of 7th Sem).
4. Finalization of External paper setters for T3 and PT3, 2017-18.
5. Action Done on Points discussed in Third BOS meeting.
6. Feedback Reports on Syllabus- Third, Fourth, Fifth & Sixth Semesters.

POINTS DISCUSSED:

- As per Agenda point no. 6 feedback reports for all the courses are discussed and the changes suggested have been approved:
 1. Analog Integrated Circuits: Filters topic to be shifted in Section-B and MOSFET to be shifted to Section-D. In section-C it should be Oscillator based op-amp circuits.
 2. For Antenna and Wave propagation: Remove Log Periodic Antennas from Section-C as it is already incorporated in Frequency Independent Antennas given in Section-D. Further in Section D specify Matching Techniques as Stub and Quarter Wave Transformer Matching.
- As per Agenda point no. 4 designation of paper setters is to be incorporated in the list for T3 examination and List of paper setters has been approved.
- As per Agenda point no. 5 the action taken points of third BoS meeting have been noted.
- As per Agenda point no. 3, new elective courses offered by Department of Electronics and Communication Engineering are presented viz., four courses proposed are IoT Sensors and

Devices, Neural Networks and Fuzzy Logic, CMOS VLSI Design and Computational Electromagnetics in place of basket offered by Applied Science Department. The courses along with the syllabus have been widely discussed and approved by BoS.

- As per Agenda point no. 2, the Program Structure of M.Tech in Electronics and Communication Engineering with sp. In Embedded Systems and VLSI following points has been discussed:
 1. Detailed syllabus of subject “RTL Simulation & Synthesis with PLD” is required for each section.
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 5. Detailed syllabus of subject “CAD of Digital Systems” is required for each section.
 6. Detailed syllabus of subject “Communication Buses and Interfaces” is required for each section.
 7. Detailed syllabus of subject “Physical design automation” is required for each section.
 8. Detailed syllabus of subject “Nanomaterials and Nanotechnology” is required for each section.
 9. It is observed that the Course M.Tech-ECE is as per the norms of AICTE Model Curriculum; therefore with the consensus of all members of BoS M.Tech-ECE course program structure has been approved.

- As per Agenda point no. 1, the Program Structure of B.Tech in Electronics and Computer Engineering has been discussed:
 1. The credit distribution of Open Elective Courses as per AICTE model curriculum for Electronics and Communication Engineering is 18 credits and Computer science and engineering is 12 credits. But as per MRU it has been given 10 credits in Electronics and Computer Engineering which should be justified in detail.

Justification: As this program is more useful blend of Electronics and Computer Engineering and it is an effect of this situation. At no point the AICTE norms has been diluted and the overall credits are same as per AICTE model curriculum Vol-I (UG) so this may be approved.

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 1. As the university is equipped with latest lab facilities and infrastructure so to utilise those facilities Lab Component is added to few subjects to give the hands-on experience to the students. The credits for the same are adjusted within the subjects.

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- E-Waste Management (from NPTEL) has been introduced in Curriculum as a subject for spreading the environmental awareness amongst the students.
- It was unanimously suggested to each instructor to give real life examples of each and every topic they are teaching in class indicating their relevance.
- The B. Tech program structure (Electronics and Computer Engineering) offered by Department of ECE is as per the norms of AICTE Model Curriculum, therefore with the consensus of all members of BoS B. Tech-ECM course program structure and syllabus of the subjects offered by Department of Electronics and Communication Engineering only has been approved.

MEMBERS PRESENT:

1. Dr. Y K Awasthi, Associate Professor
2. Dr. P K Bhatnagar, Professor, University of Delhi
3. Dr. Charu Pathak, Professor
4. Ms. Yogita Khanna, Assistant Professor
5. Mr. Anuj Kumar, Assistant Professor
6. Ms. Niharika Thakur, Assistant Professor
7. Ms. Nitika Munjal, Assistant Professor
8. Mr. Vijay Kumar Gill, Assistant Professor

Chairperson *Yogendra Kumar Awasthi*
18/04/18

Member *G. V.*
18.4.18

Member *Chauhan*
18/4/18

Member *Yogita*
18/04/18

Invitee *Anuj*
18/04/18

Invitee *Niharika*
18/4/18

Invitee *Nitika*
18/4/18

Invitee *Vijay*
18/4



Manav Rachna University
Department of Physics
Minutes of the BOS-Physics meeting held on May 04, 2018

Venue : Board Room, H Block
Time : 11:00 AM to 2:45 PM
Date : 04/05/2018

Members Present:

- | | |
|------------------------|--|
| 1) Dr. B.M. Bahal | : Dean Research |
| 2) Dr. Haider Abbas | : Chairperson, Head Physics Department |
| 3) Dr. D.K.Sharma | : Member |
| 4) Dr. Jai Prakash | : Member |
| 5) Dr. Shiv Kumar | : Member |
| 6) Prof. P.K.Bhatnagar | : Expert (DU) |

Board of Studies meeting was held on 4th May 2018 in the board room, where new syllabi (as implemented by AICTE for engineering programs) were presented before the reviewer Prof. P.K. Bhatnagar. The syllabus of new courses offered by Physics Department to B.Tech (ECE, ME, CSE, IT) and The syllabus of B.Sc (H), and M.Sc, were discussed and approved by BOS for the 2018-19 session. The changes required in the model curriculum provided by AICTE were discussed. With the consent of BOS, the following changes were proposed for the current syllabus.

The detailed list of comments for the four courses for B.Tech. are as follows:

1) Quantum mechanics for Engineers

(B.Tech CSE-I Sem.)

- Mathematical part should be later
- Delta function to be included and tunneling microscope should be qualitative.
- Few experiments should be included.

2) Introduction to Mechanics

(B.Tech ME-I Sem)

- a) No need of module 4 and add few experiments.
- b) Give some examples of 3 dimensional rigid body in module 5.

List of experiments which can be included are

- i) Bar pendulum
- ii) Fly wheel
- iii) Modulus of rigidity
- iv) Moment of inertia measurement
- v) Young's Modulus
- vi) Conservation of momentum

3) Introduction to Electromagnetic Theory

(B.Tech ECE-II Sem.)

- a) In section A, Add topic electric field and potential of a dipole
- b) Section B will be of 12 lectures
- c) Section C, Add introduction to Faradays law
- d) Module 6 in section C will be of 7 lectures and the topic "Modifying equation for the curl of magnetic field to satisfying continuity equation" will be considered as Modified Maxwell's equation.
- e) Section D will be of 10 lectures and topic Poynting vector will be considered in section D instead of section C. Remaining syllabus will be same.

4) Oscillations, waves and optic (B.Tech ME-III Sem.)

- a) Few topics from module 3,4 and 5 should be deleted.

5) Electrodynamics and Plasma Physics (M.Sc-II sem.)

- a) Relativistic Electrodynamics should be shifted from section A to section C and D.
- b) Plasma physics contents should be rearranged and hydrodynamics portion must be reduced.
- c) More part of plasma physics must be added.

Dr. Haider Abbas
Head of the
Physics Dept.

Manav Rachna University
Department of Physics
Minutes of the BOS-Physics meeting held on March 31, 2017

Venue : HG-14

Time : 1:30 AM to 3:30 PM

Date : 31.03.2017

Members Present :

1) Prof. P. K. Bhatnagar

2) Dr. B.M. Bahal

3) Dr. Haider Abbas

4) Dr. D. K. Sharma

5) Dr. Shiv kumar Dixit

6) Dr. Deepti Maikhuri

7) Dr. Anju kumari

Expert (DU)

Dean Applied Sciences & Dean Research

Chairperson, Head Physics Department

Member

Member

Member

Member

Board of Studies meeting was held on 31st March 2017 in HG-14, where syllabi for the courses offered for M.Sc. program and B. Sc. program were presented before the reviewer Prof. P. K. Bhatnagar.

The detailed list of comments for the M.Sc. Physics course is as follows:

(M.Sc.) Lab course (6 credit)

The lab course was discussed in the light of reduction of hours from (4×3) to (3×3) hours, but it will be reviewed later, once a batch of students will complete the M.Sc. Program.

1) Mathematical Physics :

a) The syllabus was discussed with the concerned faculty member. As per their suggestion no change is required in the syllabus of mathematical physics.

2) Classical Mechanics:

a) The syllabus was discussed with the concerned faculty member and it was suggested that, additional information relevant to all sections i.e., A, B, C & D must be given to the students before the initiation.

3) Quantum Mechanics :

a) The syllabus was discussed with the concerned faculty member. As per their suggestion no change is required in the syllabus of Quantum mechanics.

Manav Rachna University
Department of Physics
Minutes of the BOS-Physics meeting held on January 06, 2016

Venue : HG-14

Time : 10:00 AM to 3:30 PM

Date : 06.01.2016

Members Present :

- | | |
|--------------------------|--|
| 1) Dr. B.M. Bahal | : Dean Applied Sciences |
| 2) Dr. Haider Abbas | : Chairperson, Head Physics Department |
| 3) Dr. D.K.Sharma | : Member |
| 4) Mr. Jai Prakash | : Member |
| 5) Prof. Raghuvir Singh. | : Expert (DU) |

Board of Studies meeting was held on 6th January 2016 in HG-14 room, where syllabi for the courses offered for B.Sc. (H) Physics were presented before the reviewer Prof. Raghuvir Singh.

The basic comments from the reviewer were:

- 1) List of suggested books should be in the last of the corresponding paper.
- 2) Maximum number of experiments in each paper should be 8 and minimum 6.
- 3) The reference of any books should include full name of the author.
- 4) The word "To find" used in the list of experiment section should be replaced by the word "To determine".

Dr. Haider Abbas

Head

Department of Physics

Manav Rachna University

Enclosed: Modified copy of syllabus of all the courses.



MANAV RACHNA UNIVERSITY

Established, vide Haryana Act no. 26 of 2014
(Formerly Manav Rachna College of Engineering)
NAAC Accredited 'A' Grade Institute

Date: 31/03/2017

DEPARTMENT OF CHEMISTRY

Minutes of the BOS-Chemistry Meeting Held on March 31, 2017

A BOS-Chemistry meeting was held from 13:00 hrs onwards on March 31, 2017 in 1 Block Learning Lounge to discuss minor modifications proposed in courses being offered to B.Sc (H) Chemistry and M.Sc. Chemistry Programs, to review course files of the courses being offered to B.Sc. and M.Sc. Chemistry and to discuss projects for summer training.

MEMBERS PRESENT:

- | | |
|--|------------------------|
| 1. Dr. Megha Mittal, HOD | Chairperson |
| 2. Dr. A.K. Gupta, Professor | Member |
| 3. Dr. Sangita Banga, Associate Professor | Member |
| 4. Dr. S.K. Shukla, Associate Professor | Member |
| 5. Dr. Rakesh Sharma, Prof. Delhi University | External Expert Member |
| 6. Dr. Priya Gupta, Assistant Professor | Invitee |
| 7. Ms. Meena Kapahi, Associate Professor | Invitee |

Issues discussed and decisions arrived at are given in succeeding paragraphs:

1. For B.Sc. program minor modifications were approved in following courses: Inorganic Chemistry-II (CHI-211), Polymer Chemistry (CHI-219), Physical Chemistry (CHI-212).
2. A new soft course introduced in B.Sc. (H) "Environmental Sustainable Development", the course was approved.
3. For M.Sc. Program modifications were approved in course Inorganic Chemistry-II (CHI-503).
4. For M.Sc. Chemistry Lab Work has been modified according to the facilities available. The experiments were approved and necessary changes have been incorporated.
5. MBOCs courses prescribed by UGC were discussed.

6. Summer training modules for B.Sc. (II), (IV) and M.Sc. (II) sem were discussed. Few students of M.Sc. can also have their summer training at Prof. Sharma Lab, Delhi University depending upon the area of interest.
7. List of external examiners for paper setting was approved by members.
8. It was discussed to apply for RSC grants for conducting RSC sponsored workshop.
9. It was also discussed to conduct Green Chemistry workshop for students.

11/11/17
Dr. Megha Mittal

Chairperson, BOS & Head, Chemistry Deptt.

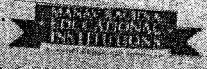
Prof. (Dr.) Rakesh Sharma, Prof. Delhi University Member

Dr. A.K. Gupta, Professor Member

Dr. Sangita Bangal, Associate Professor Member

Dr. S.K. Shukla, Associate Professor Member

R. Sharma
A.K. Gupta
Sangita
S.K. Shukla



MANAV RACHNA UNIVERSITY
 Established, vide Haryana Act no. 20 of 2014
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 NAAC Accredited 'A' Grade Institute)

Date: 1/10/2016

DEPARTMENT OF CHEMISTRY

Minutes of the BOS-Chemistry Meeting Held on October 1, 2016

A BOS-Chemistry meeting was held from 10:30 hrs onwards on October 1, 2016 in H Block Board Room to discuss courses being offered to B.Sc (H) Chemistry and M.Sc. Chemistry Programs and to review course files of the courses being offered to B.Sc. and M.Sc. Chemistry.

MEMBERS PRESENT:

- | | |
|--|-------------|
| 1. Dr. Megha Mittal, HOD | Chairperson |
| 2. Dr. A.K. Gupta, Professor | Member |
| 3. Dr. Rakesh Sharma, Prof. Delhi University | Member |
| 4. Dr. S.K. Shukla, Associate HOD | Member |
| 5. Dr. Rimpu Malhotra, Assistant Professor | Invitee |
| 6. Dr. Binou Manchanda, Assistant Professor | Invitee |

Issues discussed and decisions arrived at are given in succeeding paragraphs:

1. B.Sc. Program structure and courses are approved.
2. For M.Sc. Program
 - a. Reference books of Analytical Chemistry have to be modified.
 - b. Format for writing reference books has to be made uniform.
 - c. Topics of Group Theory can be added along with Spectroscopy paper.
 - d. One special paper on Bio-Inorganic chemistry and catalysis can be offered.
 - e. Experiments using potentiometer, pH meter, TLC can be added.
 - f. Reference books in courses can be added as per suggestions.
 - g. Experiment of Bio-adsorption can be modified and extended till degradation of dye.
 - h. In Physical Chemistry syllabus reference book of K.L. Kapoor has to be added.
 - i. In Inorganic Chemistry syllabus reference book of James Hucey, Crabtree, G. Manku has to be incorporated.
3. HRD Ministry, UGC and CSR have uploaded M.Sc. content on their website. It is suggested to refer those sites for e content.

4. E. PG Pathshala can be referred for M.Sc. course content
5. Course files of various courses was appreciated by Prof. Sharma and approved.
6. List of external examiners for paper setting was approved by members.
7. It was discussed to apply for RSC grants for conducting RSC sponsored workshop.
8. It was also discussed to conduct Green Chemistry workshop for students.

All the suggested modifications will be incorporated in the M.Sc. syllabus and revised copy of syllabus booklet shall be sent for approval to all the members of BOS via mail.

Megha
Dr. Megha Mittal

Chairperson, BOS & Head, Chemistry Deptt.

Prof. (Dr.) A.K. Gupta, Professor

Member

A.K. Gupta

Prof. (Dr.) Rakesh Sharma, Prof. Delhi University

Member

R. Sharma

Dr. S.K. Shukla, Associate HOD

Member

S.K. Shukla

Dr. Rimpu Malhotra, Assistant Professor

Invitee

Dr. Bindu Manchanda, Assistant Professor

Invitee

Bindu Manchanda



MANAV RACHNA UNIVERSITY

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Date: 21/05/2016

DEPARTMENT OF CHEMISTRY

Minutes of the BOS-Chemistry Meeting Held on May 21, 2016

A BOS-Chemistry meeting was held from 10:30 hrs onwards on May 21, 2016 in H-Block Board Room to discuss courses being offered to B.Sc (H) Chemistry and M.Sc. Chemistry Programs.

MEMBERS PRESENT:

- | | |
|--|-----------------------|
| 1. Dr. B.M. Bahal | Dean Applied Sciences |
| 2. Dr. Megha Mittal, HOD | Chairperson |
| 3. Dr. A.K. Gupta, Professor | Member |
| 4. Dr. Rakesh Sharma, Prof. Delhi University | Member |
| 5. Dr. S.K. Shukla, Assistant Professor | Invitee |
| 6. Dr. Arpit Sand, Assistant Professor | Invitee |
| 7. Dr. Rampu Malhotra, Assistant Professor | Invitee |

Issues discussed and decisions arrived at are given in succeeding paragraphs:

1. Reference book of Baird and Camm has to be incorporated in Environmental Science syllabus.
2. Experiment of Bio-adsorption can be modified and extended till degradation of dye.
3. In Physical Chemistry syllabus reference book of K.L. Kapoor has to be added.
4. In Inorganic Chemistry syllabus reference book of James Hueey, Crabtree, G.S. Manku has to be incorporated.
5. Syllabus of Analytical Chemistry and Spectroscopy has to be modified with special reference to length of paper.
6. Syllabus of Instrumental Methods of Analysis has to be shortened.
7. Organic Chemistry-III references have to be modified.
8. In Organic Chemistry-III experiments of synthesis of derivative and their purification has to be incorporated.
9. Elective paper of Bio-inorganic Chemistry can be incorporated in B.Sc. V Semester.
10. M.Sc. Chemistry Syllabus of Analytical chemistry and spectroscopy has to be modified.
11. Laboratory work-III and IV has to be modified.

12. Syllabus of M.Sc. course has been advised to be mapped with DII syllabus and for necessary modification.
13. HRD Ministry, UGC and CSIR have uploaded M.Sc. content on their website. It was suggested to refer these sites for content.

All the suggested modifications will be incorporated in the syllabus and revised copy of syllabus booklet shall be sent for approval to all the members of BOS via mail.

Megha Mittal
Dr. Megha Mittal

Chairperson, BOS & Head, Chemistry Deptt.

MEMBERS PRESENT:

- | | |
|--|----------------------------|
| 1. Dr. B.M. Bahal | Dean Applied Sciences |
| 2. Dr. A.K. Gupta, Professor | Member <i>[Signature]</i> |
| 3. Dr. Rakesh Sharma, Prof. Delhi University | Member <i>[Signature]</i> |
| 4. Dr. S.K. Shukla, Assistant Professor | Invitee <i>[Signature]</i> |
| 5. Dr. Anil Sand, Assistant Professor | Invitee <i>[Signature]</i> |
| 6. Dr. Rampa Mathotra, Assistant Professor | Invitee <i>[Signature]</i> |

Date: April 6, 2018

DEPARTMENT OF CHEMISTRY

Minutes of the DEU Chemistry Meeting Held on April 6, 2018

A meeting of the DEU Chemistry Meeting was held on April 6, 2018 in a Block ... to discuss ... in ... being offered to U.S. ... to review course file of the ... to review Chemistry syllabus to be ... and to discuss general for common training and Project

MEMBERS PRESENT

- | | |
|------------------|-----------------|
| 1. Dr. S. K. ... | Chairperson |
| 2. Dr. ... | Member |
| 3. Dr. ... | Member |
| 4. Dr. ... | Member |
| 5. Dr. H.M. ... | Special Inviter |
| 6. Dr. J.S. ... | Inviter |
| 7. Mr. ... | Inviter |
| 8. Dr. ... | External Expert |

Dr. ...

Items discussed and decisions arrived at are given in succeeding paragraphs:

1. UG II proposed a model curriculum and syllabus of Chemistry-I to be offered to engineering disciplines. Slight modifications were made in the syllabus and it was suggested to offer modified version of Chemistry-I to all engineering disciplines in 3-1-2 mode.
2. Environmental Science is proposed to offer as an Audit course to all Engineering disciplines by AICTE however as per UGC it is to be offered as a course with 4 credits. Thus, it has been proposed to offer this course as 2-0-0-2 (L-T-P-O) mode. For non-engineering programs (Law, Management, Education and Sciences) the course will be offered as 4 credit course however, for Engineering disciplines it will be an audit course. Evaluation scheme for non-engineering disciplines is mentioned along with syllabus however, for engineering disciplines needs to be discussed further.
3. Experiment list of Workshop "Chemistry in Everyday Life" has been revised.
4. Ind. N. XISem in place of Seminar Minor Project will be carried out.
5. Paper CH129 has been renamed as Industrial & Applied Chemistry-I
6. Paper CH131 has been renamed as Industrial & Applied Chemistry-II



**MANAV RACHNA UNIVERSITY
DEPARTMENT OF MATHEMATICS**

MINUTES OF THE MEETING

Date: April 17, 2018

Time: 1:45 pm onwards

Venue: IF05

Agenda: Board of Studies Meeting for all the Mathematics courses (as per AICTE Model Curriculum) under B. Tech program.

Attended by:

1. Dr. A.K Awasthi
2. Prof. Kumkum Dewan
3. Dr. Y.K Sharma
4. Dr. Deepa Arora
5. Dr. Advin Masih
6. Dr. Dinesh Tripathi
7. Dr. Ruchi Gupta
8. Dr. Ankita Pandey
9. Mr. Ramapati Maurya
10. Ms. Seema Aggarwal
11. Ms. Upasana Taneja
12. Ms. Savitta Saini

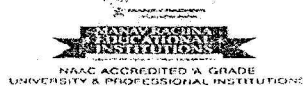
Chairperson *Amitwasthi*
External Expert Member
Member *Deepa Arora*
Member *Advin Masih*
Member *Dinesh Tripathi*
Member *Ruchi Gupta*
Member *Ankita Pandey*
Member *Ramapati Maurya*
Member *Seema Aggarwal*
Member *Upasana Taneja*
Member *Savitta Saini*

The Board of Studies Meeting was convened by the Chairperson for the finalization of syllabus of courses (as per AICTE Model Curriculum) offered under B. Tech program. The committee in the presence of the external expert, Prof. (Dr.) Kumkum Dewan discussed the syllabus and following observations with recommendations were made.

1. It was suggested by Prof. Dewan that changes can be made in the contents of the syllabus provided by AICTE Model Curriculum if required.
2. Prof. Dewan admired the department for including lab component in mathematics courses even though it was not included in AICTE Model Curriculum.
3. It was also suggested that credits for the lab component should be approved by the Academic Council for each Engineering program.
4. The syllabus was discussed and questions were answered by the committee members.
5. Prof. Dewan emphasized on hands-on learning to enhance the interest of students in mathematics.

Amitwasthi
17/04.
Dr. A.K. Awasthi

Head – Department of Mathematics



MANAV RACHNA UNIVERSITY
DEPARTMENT OF MATHEMATICS

MINUTES OF THE MEETING

Date: May 25, 2017

Time: 1:45 pm onwards

Venue: IF05

Agenda: Board of Studies Meeting for all the Mathematics courses offered under B.Sc. (Hons.) Mathematics, M.Sc. Mathematics & B.Tech programs.

Attended by:

- | | |
|------------------------|------------------------|
| 1. Dr. A.K Awasthi | Chairperson |
| 2. Dr. Y.K Sharma | Member |
| 3. Prof. Kumkum Dewan | External Expert Member |
| 4. Dr. Advin Masih | Member |
| 5. Dr. Ruchi Gupta | Member (Invitee) |
| 6. Ms. Savitta Saini | Member (Invitee) |
| 7. Mr. Ramapati Maurya | Member |

The Board of Studies Meeting was convened by the Chairperson for the finalization of syllabus of courses offered under B.Sc. (Hons.) Mathematics, M.Sc. (Mathematics) & B.Tech programs. The committee in the presence of the external expert, Prof. (Dr.) Kumkum Dewan discussed the syllabus and following observations with recommendations were made.

Observations & Recommendations made by the external expert:

1. Prof. Dewan emphasized on hands-on learning to enhance the interest of students in mathematics.
2. The Chairperson, Dr A .K. Awasthi proposed to include three different lab categories viz. Techno- Math lab, Eco-Math lab and Computational lab, according to the requirement of the different courses.
3. Prof. Dewan admired the department for inclusion of lab component in each and every mathematics course and also praised for the efforts made to meet the objective behind. However, she advised to replace the lab component with tutorial component wherever lab cannot be designed for pure mathematics courses e.g. Abstract Algebra, Advanced Analysis & Real Analysis.

4. The syllabus was discussed and questions were answered by the committee members.
5. Prof. Dewan suggested linking the Mathematics Courses with NASSCOM.
6. The external expert, Prof. Dewan also suggested to include "Stocks and Shares" as a course in B.Sc (H) Mathematics.


Dr. A.K. Awasthi

Head -- Department of Mathematics
Head of the Department
Department of Mathematics
Manav Rachna University
43, Aravali Hills, Suraj Kund Road,
Faridabad-121001



MANAV RACHNA UNIVERSITY
DEPARTMENT OF MATHEMATICS

MINUTES OF THE MEETING

Date: 01ST Oct, 2016

Time: 02:00 pm onwards

Venue: Board Room, HG - 14

Agenda: Board of Studies Meeting for review B.Sc. (H) Mathematics and M.Sc. (Mathematic) Programs booklets and course files.

Attended by:

1. Dr. B.M. Bahal
2. Dr. A.K. Awasthi
3. Prof. R.K. Jain,
4. Dr. Advin Masih
5. Dr. Ruchi Gupta
6. Dr. Ankita Panday
7. Ms. Savitta Saini
8. Mr. Ramapati Maurya
9. Mr. Dinesh Tripathi
10. Ms. Seema Aggarwal

Dean Applied Sciences
Chairperson
External Expert Member
Member
Member
Member
Member
Member
Member

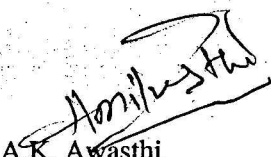
The Board of Studies Meeting was convened by the Chairperson for the review of Program booklet and course files for the courses offered under B.Sc. (Hons.) Mathematics & M.Sc. Mathematics programs. The committee in the presence of the external expert Prof. (Dr.) R. K. Jain discussed the syllabus and following observations with recommendations were made.

Observations & Recommendations made by the external expert:

1. Prof. R.K. Jain suggested to include Analytic function in the syllabus of COMPLEX ANALYSIS in M.Sc. course.
2. Prof. R.K. Jain also suggested some changes in the syllabus of CALCULUS-II.
3. Prof. R.K. Jain insisted for a single lab for every semester rather than a lab per subject in UG classes.
4. Prof. R.K. Jain also suggested to change the syllabus of DIFFERENTIAL EQUATION for M.Sc. in consultation with some other University professor.
5. Prof. R.K. Jain emphasized to pay more attention on tutorials and also to increase tutorial classes in place of labs for each subject in UG course.

K. R. Dewan
01/10/16

6. He also emphasized on application based teaching learning process of the mathematical concepts.


Dr. A.K. Awasthi

Associate Head of the Department
Head of Department of Mathematics
Department of Mathematics
Manav Rachna University
43, Aravali Hills, Suraj Kund Road,
Faridabad-121001



MANAV RACHNA UNIVERSITY
DEPARTMENT OF MATHEMATICS

MINUTES OF THE MEETING

Date: 20th May, 2016

Time: 10:00 am onwards

Venue: Board Room, HG - 14

Agenda: Board of Studies Meeting for all the Mathematics courses offered under B.Sc. (Hons.) Mathematics & M.Sc. Mathematics programs.

Attended by:

1. Dr. B.M. Bahal
2. Dr. Deepa Arora
3. Prof. Kumkum Dewan,
4. Dr. A.K. Awasthi
5. Dr. Aparna Vyas
6. Dr. Advin Masih
7. Dr. Ruchi Gupta
8. Dr. Ankita Panday
9. Ms. Savitta Saini
10. Mr. Ramapati Maurya

Dean Applied Sciences
Chairperson
External Expert Member
Member
Member
Member
Member
Member
Member

The Board of Studies Meeting was convened by the Chairperson for the finalization of syllabus of courses offered under B.Sc. (Hons.) Mathematics & M.Sc. Mathematics programs. The committee in the presence of the external expert Prof. (Dr.) Kumkum Dewan discussed the syllabus and following observations with recommendations were made.

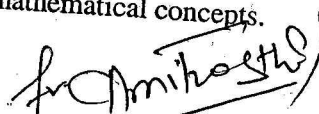
Observations & Recommendations made by the external expert:

1. Prof. Dewan complemented for compulsory foreign language course in the curricula. However, insisted for 1 or 2 credits for the foreign language course instead of zero to enhance the importance and value of the course among the students. She also suggested for a language course in Sanskrit.
2. Prof. Dewan insisted that a comprehensive exam of full syllabus is a must for Mathematics student to gain in depth knowledge of the course and excel in the same. She suggested to include Section A & B of the syllabus in section A of T3 exam.

K. K. Dewan
25/5/17

Amilika
HOD, M.Sc.

3. Prof. Dewan congratulated the Department for inclusion of lab component in each and every mathematics course and emphasized for serious delivery of the same to meet the objective behind.
4. The syllabus was discussed and questions were answered by the committee members.
5. Prof. Dewan suggested for some books and for a course in Vedic Mathematics.
6. She also emphasized on application based teaching learning process of the mathematical concepts.


Dr. Deepa Arora

Head of the Department
Department of Mathematics
Manav Rachna University
43, Aravali Hills, Suraj Kund Road,
Faridabad-110041

**Following is the Draft of Minutes of Meeting of Board of Studies of
Department of Management and Commerce**

Venue: HG 14

Time: 9.30 AM, April 10, 2017

Members present

BoS Members

Prof Dr Sanjiv Mittal-
Prof Jaideep Singh
Prof Birendra Prasad
Prof Pragathi Chauhan

Prof Bindu Agrawal-Absent

Invited Faculty

Prof Dr Sudhir Sachdev
Prof Dr Pooja Kapoor

1. The Program structure and course syllabii for MBA SPorts management and MBA Real Estate Management, Semester II was approved
2. The Revised Programs structure and Course syllabii of BBA Semester I, II and II was approved with following recommendations
 - MIS syllabus needs to be presented in detail
 - MIS may be offered in semester III and Advanced Excel may be offered in semester II
 - Operations Management may be offered in semester II for 2018 onwards
 - It was suggested to refer to curriculum of Entrepreneurship development Institute for specialized courses to be incorporated in BBA EFB
 - BC II may be removed/reduced for possible overlap with PDP in semester II
 - POM and OB may be integrated as MPOD
 - Internal Minor project may be offered in semesters I-(presentation) and II (report) for exp on life on life and story of an entrepreneur of 30-35 pages with photographs
 - For semesters II and IV -BBA EFB, Business plan competition may be assigned /Internet based project may be assigned
 - Semester V and VI, Dissertation may be included in the curriculum
 - Plant Visit may be included as part of curriculum
 - Course on technology, Innovation and Change may be incorporated in the curriculum
 - Course on International Business may be incorporated in semester III/IV
 - Course on E Business may be incorporated in Semester III/IV
 - Quizzes may be held every 2-3 sessions
 - One class test of 15 marks should be held in each semester
 - PDP sessions may be conducted through external experts
 - FL-Languages offered may be mentioned in curriculum
3. The draft program structure of BBA LLB and B COM LLB was reviewed and Dr Mittal offered to give his suggestions on same later by e mail.
4. It was suggested to have at least 2 case studies (at end of each unit) in each course syllabus
- 5 As per UGC guidelines, syllabus of courses should be revised every three years

Thanks and regards

Dr Rajat Gera
HoD-Management & Commerce



MANAV RACHNA
||vidyagaratarikshah||

MANAV RACHNA
UNIVERSITY
FORMERLY MANAV RACHNA COLLEGE OF ENGINEERING
NAAC ACCREDITED A GRADE INSTITUTION

Declared as State Private University under section 2f of the UGC act, 1956

Following is the Minutes of BoS and BoF meeting held on January 19, 2018 in HG 14, 11.00-1.30 for Department of Management and Commerce

Members Present

Prof B Prasad
Prof Jaideep Singh
Prof Arindom Chatterjee
Prof Dr Sanjiv Mittal (External Expert)
Prof Pragati Chauhan
Prof Rajat Gera

BoS Minutes

1. The BBA Ordinance was reviewed and approved after some revisions. Revised copy is attached alongwith.

2. The Program structure and course Syllabii of MBA sports Management and MBA Real Estate Management for semesters I-IV was approved. (copy is attached alongwith)

3. The Program structure and course Syllabii of BBA FAA, BBA EFB and BBA HCM for semesters I -IV was approved

(copy is attached alongwith)

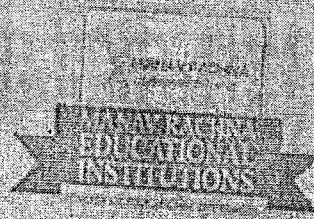
4. Following recommendations were made as regards BBA HCM course "Material and Inventory management" It was suggested to rename the course as Healthcare and .Material and Inventory management" with approval of Cygnus Hospitals.

BoF minutes

5. A discussion was held regarding BBA EFB program, It was recommended to introduce more flexibility in the program as regards attendance and make the program more project oriented with 50% courses outcome based in a semester and alternative semester to be project/internship based.

with warm regards and thanks

Dr Rajat Gera
HoD-Management & Commerce



MANAV RACHNA UNIVERSITY

Established, vide Haryana Act no. 26 of 2014
(Formerly Manav Rachna College of Engineering,
NAAC Accredited 'A' Grade Institute)

Minutes of Board of Faculty Meeting

Following is the Minutes of BoS and BoF meeting held on January 19, 2018 in HG 14, 11.00-1.30 for Department of Management and Commerce

Members Present

Prof B Prasad
Prof Jaideep Singh
Prof Arindom Chatterjee
Prof Dr Sanjiv Mittal (External Expert)
Prof Pragati Chauhan
Prof Rajat Gera

BoS Minutes

1. The BBA Ordinance was reviewed and approved after some revisions. Revised copy is attached alongwith.
2. The Program structure and course Syllabii of MBA sports Management and MBA Real Estate Management for semesters I-IV was approved. (copy is attached alongwith)
3. The Program structure and course Syllabii of BBA FAA, BBA EPB and BBA HCM for semesters I-IV was approved (copy is attached alongwith)
4. Following recommendations were made as regards BBA HCM course "Material and Inventory management". It was suggested to rename the course as Healthcare and Material and Inventory management with approval of Gymsus Hospitals.

BoF minutes

5. A discussion was held regarding BBA EPB program. It was recommended to introduce more flexibility in the program as regards attendance and make the program more project oriented with 50% courses outcome based in a semester and alternative semester to be project/internship based.

Prof Dr Sanjiv Mittal

Prof Jaideep Singh

Prof Birendra Prasad

Prof Pragati Chauhan

Prof Rajat Gera

Prof Anindom Chatterjee

MANAV RACHNA UNIVERSITY

Established, vide Haryana Act no. 26 of 2014
(Formerly Manav Rachna College of Engineering,
NAAC Accredited 'A' Grade Institute)

Minutes of Board of Studies Meeting

Venue: HG 14
Time: 9.30 AM, April 10, 2017

Members present

BoS Members

Prof Dr Sanjiv Mittal
Prof Jaideep Singh
Prof Birendra Prasad
Prof Pragathi Chauhan

Prof Bindu Agrawal-Absent

Invited Faculty

Prof Dr Pooja Kapoor

1. The Program structure and course syllabi for MBA Sports management and MBA Real Estate Management Semester II was approved
2. The Revised Programs structure and Course syllabi of BBA Semester I, II and III was approved with following recommendations
- S syllabus needs to be presented in detail
- S may be offered in semester III and Advanced Excel may be offered in semester II
- Operations Management may be offered in semester II for 2018 onwards
- It was suggested to refer to curriculum of Entrepreneurship development Institute for specialized courses to be incorporated in BBA EFB
- BC II may be removed/reduced for possible overlap with POP in semester II
- POM and OB may be integrated as MPOD
- Internal Minor project may be offered in semesters I (presentation) and II (report) for exp on life on life and story of an entrepreneur of 30-35 pages with photographs
- For semesters II and IV BBA EFB, Business plan competition may be assigned / internet based project may be assigned

- Internal Major project may be divided in semesters I (presentation) and II (report) for BBA or B.Com on its and story of an entrepreneur of 30-35 pages with photographs
- For semesters II and IV - BBA/B.Com, Business plan competition may be assigned / internet based project may be assigned
- Semester V and VI, Dissertation may be included in the curriculum
- Plant visit may be included as part of curriculum
- Course on Technology, Innovation and Change may be incorporated in the curriculum
- Course on International Business may be incorporated in semester III/IV
- Course on E-Business may be incorporated in Semester III/IV
- Quizzes may be held every 2-3 sessions
- One date test of 15 marks should be held in each semester

- PDF sessions may be conducted through external experts
- FL-Languages offered may be mentioned in curriculum
- Recommended for Plant visit in year 1, Summer Training in year 2 and Industry excursion in Year 3
- 3. The draft program structure of BBA LLB and B.COM LLB was reviewed and Dr Mittal offered to give his suggestions on same later by e-mail
- 4. It was suggested to have at least 2 case studies (at end of each unit) in each course syllabus
- 5. As per UGC guidelines, syllabus of courses should be revised every three years



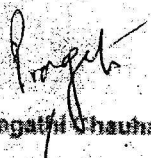
Prof Dr Sanjiv Mittal



Prof Jandeep Singh



Prof Birendra Prasad



Prof Pragathi Chauhan



Prof Rajat Sara



Prof Pooja Kapoor



MANAV RACHNA UNIVERSITY

Department of Education

Meeting of Board of Studies

Date: 12th April, 2018

The agenda for the meeting is as follows:

1. Approval of minutes of previous BoS meeting held on April 10, 2017.
2. Approval of Applied Sociology Course proposed under Choice based credit system.
3. Approval of School Internship plan to be followed during 2 weeks of school internship.
4. Any other agenda as identified by members.

List of Attendees:

	Names		Signature
1.	Dr Babita Parashar	Chairperson	<i>Babita</i>
2.	Prof. Anita Rastogi	Expert	<i>Anita Rastogi</i>
3.	Ms.Sanyogita Sharma	Invited	<i>S. man</i>
4.	Ms Seema Sharma	member	<i>Seema</i>
5.	Dr. Jasmeet Kaur	member	<i>Jasmeet</i>
6.	Mr Aditya Dhawan	Invited	<i>A. Dhawan</i> 12/4/18
7.	Ms Shreyasi Das	Invited	<i>Shreyasi</i>
8.	Ms Ridhi Khanna	Invited	<i>Ridhi</i> 12/04/18
9.	Dr.Kiran Gupta	Invited	<i>Kiran</i> 12/04/18
10	Dr.Rashee Singh	Invited	<i>Rashee</i> 12/4/18



MANAV RACHNA UNIVERSITY

Department of Education

Meeting of Board of Studies

Date: 12th April, 2018

Following were present:

- | | |
|-----------------------|-------------|
| • Dr Babita Parashar | Chairperson |
| • Prof. Anita Rastogi | Expert |
| • Ms.Sanyogita Sharma | Invited |
| • Ms Seema Sharma | member |
| • Dr. Jasmeet Kaur | member |
| • Mr Aditya Dhawan | Invited |
| • Ms Shreyasi Das | Invited |
| • Ms Ridhi Khanna | Invited |
| • Dr.Kiran Gupta | Invited |
| • Dr.Rashee Singh | Invited |

Agenda of the meeting is:

1. Approval of minutes of previous Bo S meeting held on April 10, 2017.
2. Approval of Applied Sociology Course proposed under Choice based credit system.
3. Approval of School Internship plan to be followed during 2 weeks of school internship.
4. Any other agenda as identified by members.

Minutes of Meeting

1. Minutes of meeting of previous BOS held on 10.4.2017 were approved.
2. Syllabus of Applied Sociology was reviewed and following changes were suggested:
 - It was recommended to mention credits in the syllabus.
 - It was suggested to revise the objectives of the course.
 - It was suggested to revise headings of the units prescribed in the course.
 - It was recommended to include latest references in bibliography.
3. Preliminary School Experience II was discussed and changes were recommended in the formats to be used for observation such as:
 - Suggestions were given to change terminology used in observation schedules.
 - Changes recommended in Peer Observation Schedule.
 - Suggestions were given to rectify reflective journal.
 - Changes were recommended to modify Teaching Learning Plan.
4. It was suggested to reconsider inclusion of 'French' as credit course in B.Ed Programme.

- (viii) to ensure that the registers of properties of the University are maintained properly and the stock checking of equipments and other materials in the offices of the University;
 - (ix) to ensure all statutory & timely compliances of Audit requirements;
 - (x) to be responsible for liaison with Financial Institutions / Bank and other financial matters and
 - (xi) to exercise such other powers and perform such other duties as may be prescribed by the Statutes, the Ordinances, the Regulations or the Rules and assigned by the Chancellor/Vice-Chancellor.
- (f) When the office of the Chief Finance & Accounts Officer falls vacant or when the Chief Finance & Accounts Officer is, by reason of illness or long absence or due to any other reason, unable to perform his duties of the office, the duties of the office shall be performed by such person as the Chancellor/Vice-Chancellor may appoint for the purpose.
19. **Appointment, Powers & Functions of the Controller of Examinations:**
- (a) The appointment of the Controller of Examinations shall be made by the Chancellor on the recommendation of the Selection Committee.
 - (b) The Selection Committee shall consist of Vice Chancellor, and two members of the Sponsoring Body nominated by the Chancellor.
 - (c) The Controller of Examinations shall discharge his duties under the overall superintendence and control of the Vice-Chancellor.
 - (d) The Controller of Examination shall be as full time salaried officer of the University.
 - (e) It shall be the duty of the Controller of examinations:
 - (i) to conduct examinations in a disciplined and efficient manner;
 - (ii) to arrange for the setting of the question papers with strict regard to secrecy;
 - (iii) to arrange for the evaluation of answer sheets in accordance with the planned time schedule for results;
 - (iv) to constantly review the system of examinations in order to enhance the level of impartiality and objectivity with a view to make it better instrument for assessing the attainment of students;
 - (v) to deal with any other matter connected to examinations which may, from time to time, be assigned to him by the Vice Chancellor.
 - (f) The Controller of Examinations shall strive to declare the results of every examination conducted by the University within a period of thirty days from the last date of examination for that particular course, and, shall, in any case, declare the results latest within a period of forty five days from such date:
 Provided that if, for any reason whatsoever, the University is unable to finally declare the results of any examination within the aforesaid period, it shall submit a report incorporating the detailed reasons for such delay to the Vice Chancellor who may issue such directions as he may deem fit.
 - (g) The Controller of Examinations shall exercise such other powers and perform such other duties as may be prescribed by the Statutes, the Ordinances, the Regulations or the Rules.
 - (h) When the Office of the Controller of Examinations falls vacant or when the Controller of Examinations is, by reason of illness or long absence or due to any other reason, unable to perform his duties of the office, the duties of the office shall be performed by such person as the Vice-Chancellor may appoint for the purpose.

CHAPTER-IV – BOARDS OF FACULTIES AND BOARDS OF STUDIES

20. **Constitution, Power & Functions of Boards of Faculties:**
- (a) Each Board of Faculty shall consist of the following:
 - (i) the Dean of the Faculty who shall be the Chairperson;
 - (ii) the Heads of the Departments in the Faculty;
 - (iii) all Professors in the Faculty;
 - (iv) two Associate Professors and two Assistant Professors by rotation from Departments of the Faculty
 - (v) two outside experts nominated by the Vice-Chancellor
 - (b) the term of the members, other than ex-officio member, shall be two years;
 - (c) Two-fifth of the members shall constitute the quorum.
 - (d) The meeting of the Board of Faculty shall be held at least once in a semester.
 - (e) Subject to the control of the Academic Council, the powers of the Board of Faculty shall be:
 - (i) to co-ordinate the teaching and research work of the University in the subjects assigned to the Faculty;

- (ii) to recommend to the Academic Council courses of studies and syllabi for the different examinations after necessary report from the Board of Studies
- (iii) to discuss and suggest to the Academic Council schemes for the advancement in the standards of teaching and examinations; and
- (iv) to deal with any other matter that may be referred to it by the Board of Management/ Academic Council/Chancellor/Vice-Chancellor.
- (v) A minimum seven days' notice of the meeting shall be given by the Chairperson. However, the notice for emergency meeting shall be of minimum three days. The Chairperson shall issue agenda and maintain minutes of the meeting.

21. Constitution, Powers & Functions of Board of Studies:

- (a) There shall be a Board of Studies for each Department comprising of:
 - (i) the Head of the Department who shall be the Chairperson;
 - (ii) all Professors of the Department;
 - (iii) two teachers of the Department to be nominated by the Vice-Chancellor in consultation with the Chairperson; and
 - (iv) one outside expert to be nominated by the Vice-Chancellor.
- (b) The term of the members, other than ex-officio member, shall be two years.
- (c) Two-fifth of the members shall constitute the quorum.
- (d) The meetings of the Board of Studies shall be arranged at least once in a semester.
- (e)
 - (i) The Board of Studies shall recommend to the Academic Council, through the Faculty concerned, courses and syllabi of the studies and text books for the various subjects for Under-graduate and Post-graduate classes and Research degrees.
 - (ii) The Board of Studies shall also make recommendations regarding the appointment of Paper setters and Examiners for the Under-graduate or the Post-graduate and other courses, as the case may be.
 - (iii) The Boards of Studies shall deal with any other matter that may be referred to it by the Faculty/Chancellor/Vice-Chancellor.

- (a) to approve financial accounts together with audit report;
 - (b) to adopt and follow the approved Budget for Expenditure;
 - (c) to approve Ordinances of the University;
 - (d) to create teaching, supporting, administrative and other necessary posts and to specify the manner of appointment thereto;
 - (e) to set up sub-committees as required in the discharge of its functions and powers;
 - (f) to approve the appointment of such Professors, Associate Professors, Assistant Professors, other teachers and academic staff as may be necessary on the recommendations of the Selection Committees as constituted by the Statute;
 - (g) to define the functions and conditions of service of Professors, Associate Professors, Assistant Professors and other teachers and other academic staff employed by the University;
 - (h) to prescribe qualifications for teachers and other academic staff, but not less than the norms prescribed (if any) by the UGC and other regulating bodies;
 - (i) to approve and specify the manner of appointment to temporary vacancies of any employee of the University;
 - (j) to make provision of the appointment of Visiting Professors, Emeritus Professors, Chairs, Fellows, Artists, Writers and other distinguished professionals as required and determine the terms and conditions of such appointments;
 - (k) to manage and regulate the finances, accounts, investments, property of the University and all other affairs of the University and to appoint such agents as may be considered fit;
 - (l) to regulate enforcement of discipline amongst the employees in accordance with the Statutes and Ordinances;
 - (m) to recommend transfer or acceptance of transfer of any immovable or movable property on behalf of the University to the Governing Body;
 - (n) to entertain, adjudicate upon, or redress the grievances of the employees and the students of the University who may, for any reason, feel aggrieved;
 - (o) To delegate any of its powers to the Vice-Chancellor, Registrar, the Chief Finance & Accounts Officer or any other officer or authority of the University, or to a committee appointed by it;
 - (p) To institute fellowships, scholarships, studentships, awards, prizes etc.;
 - (q) To work towards achieving international quality standards in teaching and research through partnership collaborations/exchange programme with renowned national and international Universities;
 - (r) To oversee and approve management of general fund as per Sections 12 & 13 of the Act and
 - (s) To exercise such other powers and perform such other functions as may be conferred on it by the Act or the Statute.
- (v) The Board of Management shall meet once in every two months.
- (vi) The quorum for the meetings of the Board of Management shall be five:
Provided that the Secretary to the Government, Haryana, Higher Education Department, or his nominee shall be present in each meeting in which decisions on issues involving Government policies/instructions are to be taken.
- (vii) A minimum of seven days' notice shall be given for all meetings of the Board of Management. However, the notice for emergency meeting shall be minimum of three days.
- (viii) All the decisions will be taken by the simple majority of the members present and voting in the meeting.
- (ix) The venue for the meeting of the Board of Management will be as determined by the Vice-Chancellor.

8. Constitution, Powers and Functions of Academic Council:-

The Academic Council shall be the principal academic body of the University and shall, subject to the provisions of the Act as amended from time to time, Statutes, Ordinances, Regulations or Rules of the University, co-ordinate and exercise general supervision over the academic policies of the University.

- (i) The Academic Council shall consist of the following:
 - (a) Vice Chancellor- Chairperson;
 - (b) Pro Vice Chancellor;
 - (c) All Deans;
 - (d) All Heads of Departments;
 - (e) One expert from outside the University from each discipline / course awarding the degree to be nominated by the Chancellor from a panel submitted by the Department concerned on the recommendations of the Vice Chancellor;
 - (f) Registrar - Member Secretary (non-voting);

- (g) Five Professors / Associate Professors of the University Teaching Departments nominated by the Chancellor;
- (h) Three teachers of the University Teaching Departments / Institutes nominated by the Vice-Chancellor and
- (i) Any distinguished experts other than the above who may be invited by the Vice-Chancellor to participate in meetings as non-voting members.
- (ii) The Vice-Chancellor shall be the Chairperson of the Academic Council.
- (iii) The term of the nominated members of the Academic Council shall be two years.
- (iv) The Academic Council shall exercise the following, namely:-
 - (a) exercise general supervision over the academic policies of the University and to give directions regarding methods of instruction, teaching, research and/or improvements in academic standards.
 - (b) consider matters of general academic interest either on its own initiative or on a reference made by the Chancellor, the Vice-Chancellor, the Governing Body, the Board of Management or a Board of Faculty and to take appropriate action thereon.
 - (c) recommend to the Board of Management, the creation and abolition of teaching posts;
 - (d) prescribe syllabi and courses of study for various examinations on the recommendation of faculties;
 - (e) frame such regulations as are consistent with the Statutes and Ordinances regarding the academic functions of the University, discipline, residence, admissions, examinations, awards of fellowships, studentships, scholarships, medals and prizes, fee concessions, corporate life and attendance and
 - (f) exercise such other powers and perform such other functions as may be conferred or imposed on the Academic Council by the Act, the Statutes or the Ordinances.
- (v) Two-fifth of the members of the Academic Council shall constitute the quorum at a meeting.
- (vi) The Academic Council shall meet at least thrice in a Calendar Year.
- (vii) A minimum of seven days' notice shall be given for all meetings of the Academic Council. However, the notice for emergency meeting shall be minimum of three days.
- (viii) All the decisions will be taken by the simple majority of the members present and voting in the meeting. The Registrar will be a non-voting member.
- (ix) The venue of the meeting of Academic Council will be as determined by the Vice-Chancellor.
- (x) The Academic Council has powers *inter alia* to:
 - (a) Set up departments, and centers,
 - (b) Propose introduction, modification and removal of programmes leading to award of degrees, diplomas and certificates,
 - (c) Recommend ordinances and rules and regulations of academic nature,
 - (d) Approve curricula, syllabi, schemes of examination and other such academic matters,
 - (e) Recognize diplomas and degrees of other Institutions and establish their equivalence with the diplomas and degrees of the University,
 - (f) Recognize marks and grades of other Institutions and establish their equivalence with the marks and grades of the University,
 - (g) Allow for course and credit waivers,
 - (h) Appoint different committees for admission to the University,
 - (i) Make arrangements for instruction and examination of students according to rules prescribed,
 - (j) Review academic working of the University,
 - (k) Approve results and awards of diplomas and degrees including honorary degrees,
 - (l) Recommend establishment of scholarships, medals and honours,
 - (m) Set up sub-committees in the discharge of its powers and functions,
 - (n) Draw panel of experts for constituting Boards of Studies, Faculties and Selection Committees.

STUDENT TEACHER RATIO/CLASS ROOMS/TEACHING LABS

FACULTY	TOTAL NO. OF STUDENTS	NO. OF FACULTY MEMBERS	STUDENT TEACHER RATIO	DEPTT	CLASS ROOMS			ROOM NUMBERS	LAB NUMBERS
					LECTURE ROOMS	TUTORIAL ROOMS	TOTAL		
FACULTY OF ENGINEERING	1121	70	1:16	CST	12	03	15	LF03, LF04, LF08, LF09, LF10, LS03, LS04, LS08, LS09, LS10, LT03, LT04, LT08, LT09, LT10	KG03, KG04, KG05, KG08, KG09, LG04, LG08, LG09, LG10
				ECE	03	02	05	HT03, HT04, HT09, HT10, HT11	NS01, NS02, NS03, NS04, NS05, L-LAB-06
				ME	05	03	08	HF04, HF05, HF10, HF11, HS03, HS08, HS09, HS10	NG01, NG02, NG03, NG04, NF01, NF02, MG01, MG05, MG06, MG07, MG08
FACULTY OF MANAGEMENT	147	07	1:21	MGMT	06	--	06	IG03, ILG02, ILG03, ILG05, ILG06, ILG08	
FACULTY OF APPLIED SCIENCES	159	34	1:05	PHYSICS	04	--	04	IT06, IT06A, IT07, IT08	MG03
				CHEMISTRY	03	--	03	IS06, IS07, IS08	MG01, IS02, MG02
				MATHEMATICS	04	--	04	IF06, IF06A, IF07, IF08	IF03
				HUMANITIES	--		--		IG10
FACULTY OF EDUCATION	57	10	1:06		03	--	03	JUG03, JUG05, JUG06	
FACULTY OF LAW	96	09	1:10		04	--	04	GG01, GF01, GF03, GF04	

Annexure-XXX-c

TEACHING LABS DETAILS

DEPARTMENT	LABS	ROOM NO.
ELECTRONICS & COMMUNICATION ENGINEERING	ELECTRICAL ENGINEERING; ANALOG INTEGRATED ELECTRONICS	NS1
	SATELLITE COMMUNICATION ; MICROWAVE ENGINEERING	NS2
	NETWORK ANALYSIS & SYNTHESIS; ELECTRONIC MEASUREMENT & INSTRUMENTATION; CONTROLS SYSTEM	NS3
	COMMUNICATION SYSTEM; DIGITAL ELECTRONICS; PCB LAB	NS4
	MICROPROCESSOR LAB; DATA COMMUNICATION; EMBEDDED SYSTEM DESIGN	NS5
	DIGITAL SYSTEM DESIGN; DIGITAL SIGNAL PROCESSING	L-LAB-6
MECHANICAL ENGINEERING	ENGG. MATERIALS & THEIR BEHAVIOUS, ENGG. MECHANICS, STRENGTH OF MATERIALS	NF-01
	FLUID MECHANICS, DYNAMICS OF MACHINES	NF-02
	AUTOMOBILE ENGINEERING, INTERNAL COMBUSTION ENGINES & GAS TURBINES	NG-1
	REFRIGERATION & AIRCONDITIONING, HEAT TRANSFER	NG-02
	ELEMENTS OF MECHANICAL ENGINEERING, STEAM POWER GENERATION	NG-3
	FLUID MACHINES, KINEMATICS OF MACHINES	NG-4
MECHANICAL WORKSHOP	MG-01, MG-5, MG-6	

DEPARTMENT	LABS	ROOM NO.
COMPUTER SCIENCE & TECHNOLOGY	LAB 1 : NETWORK LAB (ADVANCED JAVA, WEB DEVELOPMENT, PRINCIPLES OF OPERATING SYSTEM)	KG-08
	LAB 2 : ARTIFICIAL INTELLIGENCE LAB (COMPILER DESIGN, OPERATING SYSTEM)	KG-09
	LAB 3 : PROGRAMMING LAB-II (SCRIPTING LANGUAGE, PURDUE COURSE)	KG-03
	LAB 4 : COMPUTER CENTRE-I (MULTIMEDIA TECHNOLOGIES, COMPUTER GRAPHICS)	KG-04
	LAB 5 : COMPUTER CENTRE-II (IMAGE EDITING, NEURAL NETWORKS)	KG-05
	LAB 7 : MULTI DISCIPLINARY LAB (ANTC LAB, ADV. CAD LAB (MECHANICAL))	LG-04
	LAB 8 : ANIMATION LAB (OBJECT ORIENTED SOFTWARE ENGINEERING,NO SQL, AGILE , ADVANCED COMPUTER NETWORKS)	LG-08
	LAB 9 : PROJECT MANAGEMENT LAB (RAPID APPLICATION DEVELOPMENT, DATABASE AND MANAGEMENT SYSTEM, SYSTEM AND NETWORK ADMINISTRATION)	LG-09
	LAB 10 : RESEARCH LAB (STRUCTURED PROGRAMMING, OBJECT ORIENTED PROGRAMMING)	LG-10
	CHEMISTRY	CHEMISTRY LAB
RIC LAB		IS02
PHYSICS	PHYSICS LAB	MG3
MATHEMATICS	MATHEMATICS LAB	IF02
HUMANITIES	COMMUNICATION SKILLS LAB	IG10

List of 13 Major Facilities available for Research

1. Manav Rachna Entrepreneurship Development Cell
2. Manav Rachna Innovation and Incubation Centre
(Mechanical and Electronics Engineering)
3. Research and Incubation Centre
4. Centre for Solar Energy
5. Material Science Lab
6. Antenna and Microwave Lab
7. Automobile Lab
8. Fluid mechanics Lab
9. Environment and Atmospheric Lab
10. Sky Tester Lab
11. Biology Lab
12. Microsoft Imagine Academy
13. Performing and Visual Arts Studio

List of 17 Major Equipments for Research

1. Shimadzu Spectrophotometer
2. Turbines
3. Engines
4. Setup of Air Conditioning and Refrigeration
5. BOD Incubator
6. CNC/VMC Machine
7. MIG, Spot and Arc Welding
8. Power Hacksaw and Milling Machine
9. UTM Machine
10. Profile Projector
11. Automobile Models for Internal Combustion Engine Techniques
& Technology
12. Fluid Mechanics
13. Material Science Laboratory
14. Lathe, Milling and Shaper Machines
15. Touch screen based inverters
16. Blue tooth enabled inverters
17. Electroscopy

Ph.D SCHOLARS - JANUARY 2015-16

Sl. No.	Roll No.	Name of Ph.D Candidate	Email Address	Phone No.	Course Selected	Allocated Supervisor	Co-Supervisor Name & Designation
1	2K16-PFE-002	Anuj Agrawal	anuj_agrawal5@yahoo.com	9810499849	FOE-PhD-DoCST	Dr. Hardeo Thakur	NA
2	2K16-PFE-003	Arivanthil P M	pmarivananthi@mru.edu.in	9990122887	FOE-PhD-DoECE	Prof. (Dr.) Meenakshi S Khurana	Guruprasath Muralidharan, Managing Partner- Smarta Opti Solutions
3	2K16-PFE-004	Ashish Agrawal	asa2222@hotmail.com	9717124443	FOE-PhD-DoCST	Dr. Hardeo Thakur	NA
4	2K16-PFE-005	Bharti Jha	bharticitm@gmail.com	9717049965	FOE-PhD-DoCST	Dr. Mrinal Pandey	NA
5	2K16-PFE-006	Deepa K	jayadeepa10@gmail.com	9818174313	FOE-PhD-DoECE	Prof. (Dr.) Meenakshi S Khurana	Dr. Zaheeruddin Professor & Head JMI, New Delhi
6	2K16-PFE-008	Hanu Bhardwaj	hanu@mru.edu.in	9810330608	FOE-PhD-DoCST	Dr. Jyoti Pruthi	Dr. Naveen Prakash
7	2K16-PFE-009	Joginder Singh	joginder@mru.edu.in	9810878763	FOE-PhD-DoME	Dr. M. R. Tyagi	NA
8	2K16-PFE-010	Kanika Saini	kanikasaini@mru.edu.in	9540263675	FOE-PhD-DoCST	Dr. Mrinal Pandey	NA

Sl. No.	Roll No.	Name of Ph.D Candidate	Email Address	Phone No.	Course Selected	Allocated Supervisor	Co-Supervisor Name & Designation
9	2K16-PFE-011	Manisha Hooda	hooda.manisha@gmail.com	9910799388	FOE-PhD-DoECE	Dr. Y.K. Awasthi	Dr. Anwar Siddiqui Professor JMI, New Delhi
10	2K16-PFE-012	Meena Choudhary	meena@mru.edu.in	9582473211	FOE-PhD-DoCST	Dr. Jyoti Pruthi	NA
11	2K16-PFE-014	Neelu Choudhary	neelu@mru.edu.in	9015496904	FOE-PhD-DoCST	Dr. Hardeo Thakur	NA
12	2K16-PFE-015	Neha Nandal	neha28nandal@gmail.com	9812755958	FOE-PhD-DoCST	Dr. Jyoti Pruthi	Dr. Amit Choudhary Associate Professor & Head MSIT, Janak Puri, Delhi
13	2K16-PFE-016	Niharika Thakur	niharika0023@gmail.com	9810553515	FOE-PhD-DoECE	Dr. Y. K. Awasthi	Dr. Anwar Siddiqui Professor JMI, New Delhi
14	2K16-PFE-017	Nitika	nitika@mru.edu.in	8901388048	FOE-PhD-DoECE	Prof. (Dr.) B. M. Bahal	Dr. Shiv Kumar Dixit
15	2K16-PFE-018	Pinki Sagar	pinki.fet@mriu.edu.in	9999683839	FOE-PhD-DoCST	Dr. Prinima	Dr. Indu Kashyap Associate Professor, MRIIRS
16	2K16-PFE-022	Sunita Joshi	sunita@mru.edu.in	7838275408	FOE-PhD-DoECE	Dr. Y.K. Awasthi	NA
17	2K16-PFE-023	Urmila Pilani	urmila@mru.edu.in	9911306200	FOE-PhD-DoCST	Dr. Prinima	NA

Sl. No.	Roll No.	Name of Ph.D Candidate	Email Address	Phone No.	Course Selected	Allocated Supervisor	Co-Supervisor Name & Designation
18	2K16-PFE-024	Vivek Jain	Vivekzan@gmail.com	9990627103	FOE-PhD-DoCST	Dr. Hardeo Thakur	NA
19	2K16-PFE-025	Yashika Sharma	yashika@mru.edu.in	9910945249	FOE-PhD-DoCST	Dr. Sachin Lakra	NA
20	2K16-PFE-026	Yogita Khanna	yogita@mru.edu.in	9810233828	FOE-PhD-DoECE	Dr. Y.K. Awasthi	NA
21	2K16-PFM-001	Amit Singh	amitsingh_25@yahoo.com	9818865012	FOE-PhD-DOM&C	Prof. (Dr.) Rajat Gera	NA
22	2K16-PFM-002	Anuj Bansal	88anujbansal@gmail.com	9910220222	FOE-PhD-DOM&C	Dr. Priyanka Srivastava	NA
23	2K16-PFM-003	Ashish Gupta	ashish_siperlahar@yahoo.co.in	9829204501	FOE-PhD-DOM&C	Prof (Dr) Sanjay Srivastava	Prof. (Dr) C.S Sharma
24	2K16-PFM-004	Munindra Srivastava	munindra.srivastava@gmail.com	9868547533	FOE-PhD-DOM&C	Dr. Priyanka Srivastava	Prof. (Dr.) B. S. Nagi
25	2K16-PFM-006	Gauri Bhasin	gauri.cdc@mrvpl.in	9560040205	FOE-PhD-DOM&C	Prof (Dr) Sanjay Srivastava	NA
26	2K16-PFM-007	Jaideep Singh	jaideepsingh636@yahoo.com	9718449028	FOE-PhD-DOM&C	Prof (Dr) Sanjay Srivastava	Prof (Dr) Anand Prakash

Sl. No.	Roll No.	Name of Ph.D Candidate	Email Address	Phone No.	Course Selected	Allocated Supervisor	Co-Supervisor Name & Designation
27	2K16-PFM-008	Jayati Sahay	jagodisgreat7@gmail.com	9871770337	FOE-PhD-DOM&C	Prof (Dr) Sanjay Srivastava	Dr. Hima Gupta Professor, Jaypee Business School
28	2K16-PFM-010	Kushboo	kmsquawk@gmail.com	8607040404	FOE-PhD-DOM&C	Dr. Rajat Gera	Dr. Meenakshi Saxena
29	2K16-PFM-011	Mayank Upadhaya	upadhya434@gmail.com	9013733471	FOE-PhD-DOM&C	Dr. Bindu Agrawal	Juthika Konwar, Assistant Professor, J. N. School of Management Studies, Assam University & Pooran Chanra Pandey, Executive
30	2K16-PFM-012	Naveen Rathi	naveenrathi70@gmail.com	1202461406	FOE-PhD-DOM&C	Dr. Bindu Agrawal	Dr. Hemant Kumar Pandey, Associate Professor & HoD, Deptt. of Defence Studies, Meerut College, Meerut
31	2K16-PFM-014	Radhika Malhotra	radhika.narula@gmail.com	9810214361	FOE-PhD-DOM&C	Dr. Priyanka Srivastava	Prof. (Dr.) Rajat Gera
32	2K16-PFM-015	Raman Tiwari	rtiwari63@gmail.com	9818096181	FOE-PhD-DOM&C	Prof. (Dr.) Rajat Gera	Dr. Smriti Srivastava

Sl. No.	Roll No.	Name of Ph.D Candidate	Email Address	Phone No.	Course Selected	Allocated Supervisor	Co-Supervisor Name & Designation
33	2K16-PFM-017	Richa Gaba	rinkigaba1986@gmail.com	9540555706	FOE-PhD-DOM&C	Dr. Sudhir Sachdev	NA
34	2K16-PFM-021	Shilpa Tyagi	shilpa.tyagi16@gmail.com	9810091893	FOE-PhD-DOM&C	Dr. Pooja Kapoor	Dr. Lata Bajpai Singh, Associate Professor & Area Chairperson, Institute of Management Studies
35	2K16-PFM-022	Sunny Bansal	bansal_27@yahoo.co.in	9958070237	FOE-PhD-DOM&C	Prof (Dr) Sanjay Srivastava	NA
36	2K16-PFM-023	Unmesh Shukla	unmesh_shukla@yahoo.co.in	9793920891	FOE-PhD-DOM&C	Prof (Dr) Sanjay Srivastava	NA
37	2K16-PFM-024	Pankaj Kumar Sinha	pankajsinha2008@gmail.com	9831852256	FOE-PhD-DOM&C	Dr. Bindu Agrawal	Dr. Dayanand Pandey, Head of Centre of Innovation & Excellence at Middlesex University, Dubai
38	2K16-PFM-027	Nitin Bagga	nitinbagga1976@gmail.com	9811200743	FOE-PhD-DOM&C	Dr. Bindu Agrawal	NA

Ph.D SCHOLARS - JANUARY 2016-17

Sl. No.	Application Seq. No.	Roll No.	Name of Ph.D Candidate	Email Address	Phone No.	Course Selected	Address	Allocated Supervisor	Co-Supervisor
1	MRU1601075	2K17-PFE-001	Deepanshi	charu210986@gmail.com	9990301849	CST	A 102 First Floor, Sainik Colony, Faridabad	Dr. Jyoti Pruthi	NA
2	MRU1600854	2K17-PFE-002	Ekta	ekta.fet@mriu.edu.in	91 9958787595	CST	78A,B-9 Udaygiri-2 , Sector-34, Noida	Dr. Sachin Lakra	NA
3	MRU1601069	2K17-PFE-003	Gaganjot Kaur	gaganjot@mru.edu.in	91 9891523831	CST	H. No 76, 1st Floor Nitikhand 1, Indrapuram	Dr. Prinima Gupta	NA
4	MRU1600782	2K17-PFE-004	Karishma Gulati	karishma.gulati@gmail.com	91 9873797330	CST	C-58, Sector-15, Noida	Dr. Sachin Lakra	NA
5	MRU1600867	2K17-PFE-005	Monika Goyal	monikagarg.fet@mriu.edu.in	91 9650353336	CST	1762/F 1st Floor, Sector-49, Sainik Colony, Faridabad	Dr. Mrinal Pandey	NA
6	MRU1601057	2K17-PFE-006	Neha Batra	nehabatra3@gmail.com	91 9871428174	CST	House No-1787, Sector-28, Faridabad	Dr. Sachin Lakra	NA
7	MRU1601061	2K17-PFE-007	Nikita Taneja	nikita@mru.edu.in	0 9958689396	CST	House No 1039, Sector-19, Faridabad	Dr. Hardeo Thakur	NA
8	MRU1601091	2K17-PFE-008	Rimmy Kathuria	rimmykathuria16@gmail.com	8447898760	CST	2j-112, Near Lakhani Dharmshalla NIT, Faridabad	Dr. Mrinal Pandey	NA
9	MRU1601084	2K17-PFE-009	Shailja Gupta	shailjaguptaymca@gmail.com	9953146342	CST	H.No- 2419, Sector 8, Faridabad	Dr. Sachin Lakra	NA
10	MRU1601049	2K17-PFE-011	Gianender	kajal2321@gmail.com	91 8800997655	ME	A48 Third Floor, Adel Divine Court, Near BPTP Shopping Complex, Sector-76, Faridabad	Dr. M.R. Tyagi	NA

Sl. No.	Application Seq. No.	Roll No.	Name of Ph.D Candidate	Email Address	Phone No.	Course Selected	Address	Allocated Supervisor	Co-Supervisor
11	MRU1601048	2K17-PFE-012	Jai Prakash Sharma	jpsharma@mru.edu.in	91 9718109076	ME	Flat No 30, Lord Buddha Apartments, Near Ankhir Chowk, Faridabad	Dr. M.R. Tyagi	Dr. G.D Thakre, Indian Institute of Petroleum Dehradun
12	MRU1601046	2K17-PFE-013	Prashant Bhardwaj	prashant.bhardwaj9@gmail.com	91 9015343436	ME	12/IV Kasturba Poly Resi. Comp., Munil Maya Ram Marg, Near TV Tower, Pitampura, Delhi	Dr. Sujata Nayak	NA
13	MRU1700001	2K17-PFE-014	Sumita Choudhary	sumitam64@gmail.com	9958952653	CST	B/11, River Gardens Park, Brook Side Drive, Nairobi, Kenya	Dr. Prinima Gupta	Prof. FELIX MUSAU, Riera University, Nairobi OBI-Kenya
14	MRU1600258	2K17-PFE-015	Priyanka Gupta	priyankagupta@mru.edu.in	9811024307	CST	H-93, Kapil Vihar, Sector-21C, Faridabad, Haryana	Dr. Hardeo Thakur	Dr. S.K Matto, Delhi University
15	MRU1601093	2K17-PFM-001	Alok Bhardwaj	mail_alokbhardwaj@yahoo.com	9999757768	DoM&C	C-38, Ashok Nagar, Gaziabad	Dr. Rajat Gera	NA
16	MRU1601088	2K17-PFM-002	Amit Kumar Agarwal	amitagagarwal@gmail.com	9910027669	DoM&C	RZ 1114 Gali No 9A, Sadh Nagar, Palam Colony, New Delhi	Dr. Pragati Chauhan	Dr. Chander Shekhar Sharma, Delhi University

Sl. No.	Application Seq. No.	Roll No.	Name of Ph.D Candidate	Email Address	Phone No.	Course Selected	Address	Allocated Supervisor	Co-Supervisor
17	MRU1601072	2K17-PFM-003	Nidhi Midha	nidhimidhamarwaha@gmail.com	9136888888	DoM&C	House No 1002 Sector 15, Part -2 Opposite Huda Market, Gurgaon 122001	Dr. Sanjay Srivastava	
18	MRU1601092	2K17-PFM-004	Pratima Singh	pratima.india84@gmail.com	9971740471	DoM&C	506,Nimbus, Paramount Symphony, Crossing Republik, Ghaziabad	Dr. Pragati Chauhan	NA
19	MRU1601043	2K17-PFM-005	Priyanka Chadha	priyanka03chadha@gmail.com	91 9873104591	DoM&C	154 Ram Vihar, Delhi	Dr. Rajat Gera	Dr. Vandana Ahuja, Dr. B.S Negi
20	MRU1601094	2K17-PFM-006	Reema Tiwari	reema0920@gmail.com	9953882418	DoM&C	H.No-205, Gali No Radha Vihar, Mukundpur	Dr. Priyanka Srivastava	NA
21	MRU1600052	2K17-PFM-007	Saumya Singhel	singhels2011@gmail.com	91 9868879272	DoM&C	A-54, Phase 1, Ashok Vihar, Delhi	Dr. Sanjay Srivastava	
22	MRU1601041	2K17-PFM-008	Srilekh S	srilekhs83@gmail.com	91 9650400606	DoM&C	H. No 11, Block 22, First Floor, Back Portion, Faridabad	Dr. Pooja Kapoor	NA
23	MRU1601070	2K17-PFM-009	Suneet Soni	suneetsoni925@gmail.com	9891220041	DoM&C	Flat No 24, Tower A1, Aravalli Heights, Dwarkadheesh, Sector-24, Dharuherra, Rewari	Dr. Sanjay Srivastava	
24	MRU1601098	2K17-PFM-010	Tanya Gumber	tanyagumber@gmail.com	9899914745	DoM&C	H.No-151, Sector-16A, Faridabad	Dr. Pragati Chauhan	NA

Ph.D SCHOLARS - JANUARY 2017-18

Sl. No	Roll. No.	First Name	Last Name	Fathers Name	Department	Emai-Id	Mobile No.	Address
1	2K18-PFS-001	Punam	Rani	Ramphal Sharma	Chemistry	simipoonam@gmail.com	9717671188	House No. 1105, Sector-16, Faridabad
2	2K18-PFS-002	Somya	Tanwer	Rakesh Kumar	Chemistry	saumya2tanwar@gmail.com	8802815128	WZ-75 Tatapur Near Tagore Garden, New Delhi
3	2K18-PFS-003	Mini	Narang	Tilak Raj Narang	Maths	mininarang.mn@gmail.com	9999738012	1837, Lane Number 10, 1st Floor, Govind Puri Extension, Kalkaji, New Delhi
4	2K18-PFS-004	Uma	Sharma	Parmanand Shastri	Maths	umamathsibs@gmail.com	9312557209	E-1050 Dabua Colony, Air Force Road, NIT, Faridabad
5	2K18-PFS-005	Ankur	Chahal	Kuldeep Singh Chahal	Physics	ankurchahal1@gmail.com	7988587948	House No. 422, Ward 27, Subhash Nagar, Rohtak Road, Jind, Haryana
6	2K18-PFS-006	Kuldeep	Mehta	Chander Bhan Mehta	Physics	kuldeepmehtasays@gmail.com	7986112824	H.No. 303 G Tower Royal Mansion Peer Muchhla, Zirakpur, Mohali, Punjab-160104
7	2K18-PFEEd-001	Mamta	Rajain	Father: Sh Arjun Singh Husband: Gaurav Mann	Education	mamtarajain1981@gmail.com	9811017876	220, DDA Multistorey Building, Sanskriti Apartments, Sector-19B, South West Delhi-110075, Delhi
8	2K18-PFEEd-002	Parmod	Kumar	Kaushal Chand	Education	rtedee@gmail.com	7888347208	Flat No 504, Chinar Apartment, Near Peer Muchhla, Zirakpur, Near Sector-20 Panchkula Mohali, Punjab-160104

Sl. No	Roll. No.	First Name	Last Name	Fathers Name	Department	Emai-Id	Mobile No.	Address
9	2K18-PFE-001	Dipesh	Agarwal	Pradeep Kumar Agarwal	Computer Science & Technology	dipeshagarwal2003@gmail.com	9821172249	H 307, Parsvnath Prestige, Sector-93 A, Noida, UP
10	2K18-PFE-002	Riya	Sapra	Hari Krishan Sapra	Computer Science & Technology	riasapra@gmail.com	9654889582	494, II Floor, Sector-16, Faridabad
11	2K18-PFE-003	Yanda	Sailaja	Yanda Ram Dasu	Computer Science & Technology	sailajayanda131@gmail.com	7997556555	DNO 3 16 3rd Ward Kunnavari Street, Kaikaram, Unguturu Mandal, West Godavari, Andhra Pradesh-534416
12	2K18-PFM-001	Arindom	Chatterjee	Kalyan Kumar Chatterjee	Management & Commerce	arindom510@gmail.com	9811484092	F45 Jalvidyut Apartments, Sector-21C, Faridabad
13	2K18-PFM-002	Dalmia	Sharma	Mukesh Kumar Sharma	Management & Commerce	dalimasharma1@gmail.com	9717706052	House Number 1675, Sector-28, Faridabad
14	2K18-PFM-003	Dhanraj	Poswal	Nandlal Poswal	Management & Commerce	raj.dj01@gmail.com	9558125233	186, Gopi Colony, Sanganer, Jaipur, Rajasthan-302029
15	2K18-PFM-004	Prashant	Bhardwaj	Ghurey Lal Sharma	Management & Commerce	prashanth.bhardwaj@bata.co.in	9654191975	A4 402, Saviour Park, Mohan Nagar, Gaziabad, UP-201007
16	2K18-PFM-005	Samriti	Mahajan	Tribhushan Mahajan	Management & Commerce	samriti0204@gmail.com	7042941122	BPTP Princess Park Tower A, Flat No. 1101, Sector-86, Greater Faridabad
17	2K18-PFM-006	Sushant	Agrawal	Ramrup Agrawal	Management & Commerce	sushantagrwal17@gmail.com	9910004638	NIHFW Campus, Baba Gangnath Marg, Munirka, New Delhi-110067

RESEARCH PUBLICATION & AWARDS
(2015, 2016 & 2017)

Manav Rachna University is actively involved in research and innovation. Given below are active research areas of different departments of the university. Also a list of publications since the inception of the university (2014) is enclosed for each department. Faculty members have published books and done innovative research resulting in patents.

MAJOR RESEARCH TOPICS:

Physics:

Atmospheric Physics (Ionosphere): Background density fluctuations present on solar atmosphere
Synthesis and Characterization of Multiferroic Materials (solid state physics)

P3HT:SWCNT:CdSe quantum dots hybrid solar cells by incorporating Carbon nanotubes

Computer Simulation: Problems in condensed matter physics and molecule formation in interstellar medium.

Chemistry and Environment:

Heavy Metal Water pollution and its bioremediation, Green Methods of Corrosion Inhibitors, Fabrication and Characterization of Organic Polymer (organic chemistry)

Mathematics:

Coding Theory: Exploring the possibility of partitioned product cyclic codes and their further studies. Submersion of light-like sub manifolds in to semi-Reimmanian manifolds,

Differential Geometry: Geometry of half light-like sub manifolds of contact manifolds Natural convection MHD flow on a continuous moving inclined surface embedded in a non-Darcian high-porosity medium. Improve or generalize some well-known polynomial inequalities in terms of derivatives and polar derivatives, Improvement of the nature of zeroes of complex polynomials.

Computer Science & Engineering:

Automation of the major processes of the University:

Registration & Enrollment System, Attendance Monitoring System, Time Table Generation & Adjustment System, Result & Examination System, Feedback Management System, Faculty Data Management System, Area of speech processing soft computing, text mining & image processing:, Area of Soft Computing, Area of Text Mining & Image Processing, Area of Communication Networks

Mechanical Engineering:

Design Engineering, Reliability Processes, Industrial and Production Engineering, Fluid Dynamics and Tribology, Non-conventional Energy

Electronics & Communication Engineering:

Design and Construction of Microwave Antenna:

Design of CRLH EBG Meta-materials for X, Ku Bands (antenna design)

Management & Commerce:

Service quality and e- service, Industrial social responsibility, Entrepreneurship and family Business, Green marketing, Corporate finance, Customer delight in hotel industry, Quality of work life.

FACULTY OF ENGINEERING

Department of Computer Science & Engineering

Research Publications in Journals

2018

1. Hardeo Kumar Thakur, Anand Gupta, Ayushi Bhardwaj and Devanshi Verma “Rumor Detection on Twitter Using a Supervised Machine Learning Framework”, Vol. 8, Issue 3, International Journal of Information Retrieval Research (IJIRR IGI Global), 2018, 8(3), DOI: 10.4018/IJIRR.2018070101; EISSN: 2155-6385.
2. Sharma, L. and Lohan, N. (2018). Performance Analysis of Moving Object Detection using BGS Techniques. International Journal of Spatio-Temporal Data Science, Inderscience (In press).

3. Sharma, L. and Lohan, N. (2018). Internet of things with object detection. In Handbook of Research on Big Data and the IoT, IGI Global, 2018. (approved).
4. Abhinav Sharma, Utkarsh Kaushik, Sachin Lakra, "Architecture and Applications of an Adaptive Neuro-Fuzzy Inference System", International journal of Research Fellow for Engineering ISSN No.: 2320-7396, January 2018.

2017

1. Sharma, L. and Lohan, N. (2017). Performance enhancement through Handling of false classification in video surveillance. Journal of Pure and applied Science & Technology, Vol. 7, Issue 2, July, pp. 9-17. (ISSN: 2231-4202 Print & 2249-9970 Online)
2. Sharma, L. and Lohan, N. (2017). A study of challenging issues on Video Surveillance system for Object Detection. Journal of Basic and Applied Engineering Research, vol. 4, Issue 4, June, pp. 313-318. (ISSN: 2350-0077).
3. Sharma, L., Bharti S. and Yadav.D. (2017). Vehicular Ad Hoc Networks (VANETs): A Survey on Security issues and challenges. International Journal of Advanced Research in Computer and Communication Engineering, February, Vol. 6, special issue 2. (ISSN (Online) 2278-1021, DOI: 10.17148/IJARCCE)
4. Rupesh Mishra, Meghna R Bhardwaj, A K Awasthi, Rafael Berlanga Llavori, Kannan Srinathan, "Automatic Rating for tourism services using Opinion mining", Journal of Engineering and Technological Sciences, Bangkok, Thailand, 16-17 June 2017, ISSN: 2337-5779.
5. Hardeo Kumar Thakur, Anand Gupta, Bhavuk Jain and Ambika, "Mining Maximal Quasi Regular Patterns in Weighted Dynamic Networks", International Journal of Information Technology and Computer Science(IJITCS), Vol. 9, No. 4, Pp 48-62, 2017, ISSN: 2074-9015.
6. Anand Gupta, Hardeo Kumar Thakur, Twinkle Gupta and Sanya Yadav, "Regular Pattern Mining (with Jitter) on Weighted Directed Dynamic Graphs", Journal of Engineering Science and Technology, vol. 12, No 2, Pp 349-364, 2017 (Scopus Indexed), ISSN: 1823-4690.
7. Manvi Breja, Gunjan Chandwani, "Extracting features and content of images to model a data warehouse", International Journal of Research, Vol 4, 2017, ISSN:2348-6848, pp. 1379-1381. (UGC Listed Journals).
8. Manvi Breja, "A study of various steganography techniques for information security", Journal of Computer, Internet and Network Security, July 2017, ISSN: 2457-0176.

9. Sunny Dagar, A Novel Approach to Multi Factor Authentication for Mobile Devices using Jumbled Image Set", International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), Vol.5, Issue-3, March 2017, pp. 3988-3994. ISSN-2320-9801
10. Narender, "Software Reliability Modelling: Comparative Analysis" in International Journal of Advanced Research in Computer Science and Software Engineering, Volume7, Issue 5, May 2017, ISSN: 2277128X, pp 514-517.
11. Neha Nandal, Jyoti Pruthi, " A review on Sentiment Analysis", in Souvenir National Seminar on Psychological perspectives of Digital Evolution and Revolution, sponsored by Directorate of Higher Education Haryana, organised by Department of Psychology Vaish College Bhiwani,Page no. 12, 16 Feb 2017.
12. Jayati Ralen,Sugandhi Midha, "A survey on Cloud Computing" in International Journal of Computer Science and Management studies,Volume 37, Issue 01, July 2017. ISSN: 2231-5268.
13. Veepu Uppal "Association Rule Mining Using Revolution R for Market Basket Analysis" June 2017 IJIRT Volume 4 Issue 1 ISSN: 2349-6002

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1. Sharma, L. and Singh, A. (2016). Fisher's Linear Discriminant Ratio based Threshold for Moving Human Detection in Thermal Video. Infrared Physics and Technology, Elsevier, July, Vol. 78, pp. 118-128. (ISSN: 1350-4495) (DOI: 10.1016/j.infrared.2016.07.012, SCI, IF: 1.827).
2. Sharma, L. and Yadav, D. (2016). Histogram based Adaptive Learning Rate for Background Modelling and Moving Object Detection in Video Surveillance. International Journal of Telemedicine and Clinical Practices, Inderscience, July, Vol. 2, Issue 1, pp. 1-19. (ISSN: 2052-8442, DOI: 10.1504/IJTMCP.2017.082107).
3. Ram Chatterjee, Samiksha Agarwal, "E-OPTIMA (Enhanced - OPinionated Tweet Implied Mining and Analysis) An Innovative Tool to Automate Credibility Analysis", in International Journal of Latest Trends in Engineering and Technology (IJLTET), ISSN: 2319-3778, pp. 153-161, Vol. 7, Issue 3, September, 2016.
4. Ankit Souparna, Ankur Kumar Aggarwal, "Comparative Study on Motion Estimation in Video Sequence" in International Journal of Innovative Research in Technology (IJIRT), Vol. 2, Issue. 10, March 2016; ISSN: 2349-6002, paper ID 143323.

5. Ankit Souparna, Ankur Kumar Aggarwal, "Fast Block Matching Motion Estimation using Fusion of Four Step & Diamond Step Search Algorithm for Video Sequence" in International Journal of Innovative Research in Technology (IJIRT), 2016; 2(10); ISSN: 2349-6002; paper ID 143661.
6. Garima Dutt, Anup Singh Kushwaha, "Review of JSON DATA interchange Format" in International Journal of Innovative Research in Technology, Volume 3 Issue 1 June 2016, ISSN : 2349 - 6002.
7. Hanu Bhardwaj, Naveen Prakash, "Business Indicators for Data Warehouse Requirements Engineering", International Journal of Innovative Research in Computer and Communication Engineering, Volume 4, Special Issue 4, August 2016. ISSN (online): 2320-9801, (print): 2320-9798.
8. Garima Dutt, Anup Singh Kushwaha, "Implementation of compressed JSON for Cloud API calls" in International Journal of Innovative Research in Technology, Volume 3 Issue 2 July 2016, ISSN : 2349 - 6002.
9. Bharti Jha, Anamika Madaan , "A Review To: Genetic Algorithm, Ant Colony Optimization and Particle Swarm Optimization Algorithm", International journal of Advanced research in Computer Science and Software Engineering, Volume 6, Issue 3, March 2016, ISSN 2277 128X.
10. Manu Krishan Bhardawaj, Brajesh Kumar, "Analysis Twitter data for Multiple languages by applying machine learning Techniques", IJIRT, Volume 3, Issue-1 June 2016, Paper Id: 143700. ISSN: 2349-6002.
11. Manu Krishan Bhardawaj, Brajesh Kumar, "Opinion Mining of Social Media Data using Machine Learning Techniques", IJIRT, Volume 2, Issue 5, May 2016, ISSN- 2395-3470.
12. Gaganjot Kaur, Garima Malik, "Hybrid Approach to Round Robin and Priority Based Scheduling Algorithm" in International Journal of Computer Sciences and Engineering Volume- 4, Issue- 02, Feb 2016, ISSN: 2347-2693 (E), IJCSE- 01507.
13. Gunjan Chandwani, "NoSQL Datawarehouse", International Journal of Innovative Research in Computer and Communication Engineering, Volume 4, Special Issue 4, August 2016. ISSN (online): 2320-9801, (print): 2320-9798.
14. Mamta Arora, Khushboo Arora "Better Result for Solving TSP: GA versus ACO" International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Volume 6, Issue 3, March 2016, PP. 219-224.
15. Mamta Arora, Khushboo Arora "Hybrid Approach for Optimizing Test Suite Based on GA & ACO" International Journal of Innovative Research In Technology (IJIRT); 2016; 3(2); 65-69; ISSN: 2349-6002.
16. Mamta Arora, Ajay Jangra: "Big Data: Applications in Governmental Services", International Journal of Innovations & Advancement in Computer Science (IJIACS), 2016; 5(1); 32-36; ISSN 2347 – 8616.

17. Manoj Kumar, Jyoti Gehlaut, Inderjeet Yadav, "Optimizing hiding data using GA" International Journal of Civil, Mechanical & Production Engineering (IJCMPE) ISSN-2454-4272 July 2016.
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13. Ajay Kumar Agarwal, Rajan Garg, "Advanced Modelistic Approach of Flowshop Scheduling Problem for 10-Jobs, 8-Machines by Heuristics Models Using Makespan Criterion", International Journal of Engineering, Business and Enterprises Applications (IJEBA) [ISSN(Online):2279-0039, ISSN(Printed):2279-0020], Issue 3, Volume 2 (December, 2012-February, 2013), pp. 76-84.

14. Sanjay Taneja, Effect of unbalance on performance of centrifugal pump, published in International Journal of Scientific Technology and Research [ISSN: 2277-8616] Issue-8, Volume 2 (Aug. 2013)
15. Thakre G.D., Sharma Satish C, Harsha S.P, Tyagi M R, "Tribological failure analysis of gear contacts of Exciter Sieve gear boxes", Engineering failure analysis, 2014, Pages 75-91 ISSN:1350-6307
16. Rai R.N.,Bolia N., Modified FMEA model with Repair Effectiveness Factor using Generalized Renewal Process. SRESA Journal of Life Cycle Reliability and Safety Engineering. (2014) ISSN:2250-0820
17. Kumar S.,Bharj R., The Effect of Size, Thickness, and Type of the Bonding Interlayer on Bullet Proof Glass as per EN 1063, International Journal of Mechanical, Aerospace, Industrial, Mechatronic and Manufacturing Engineering, 2014
18. Muthiah S.,Sivaiah B., Gahtori B.,Tyagi K., Srivastava A.K., Pathak B.D.,Dhar A.,Budhani R.C., "Double-Doping Approach to Enhancing the Thermoelectric Figure-of-Merit of n-Type Mg₂Si Synthesized by Use of Spark Plasma Sintering", journal of Electronic Materials 07 January 2014.ISSN: 0361-5235
19. Tanwar M., Rai R. N., BoliaN., "Imperfect Repair Modeling Using Kijima Type Generalized Renewal Process", Reliability Engineering and System Safety.124:24-31,2014. ISSN: 0951-8320

Research Publications in Conferences

2018

1. Sujata Nayak, Performance Analysis of hybrid greenhouse dryer used for mint drying, International Conference in IRECS-2018.
2. Ajay Kumar Agarwal, Nipun Aggarwal, Pankaj Arya, Shubham Mavi, Subham Jha, Evolution and revolution of 3D printing in India – A review for future aspect,International Conference on Materials, Applied Physics and Engineering, Indore (June 2018).
3. Ajay Kumar Agarwal, Nikhil Kumar, Sagar Verma, Subham Rohilla, Flow shop scheduling in a medium scale industry – a review for future aspect, International Conference on Materials, Applied Physics and Engineering, Indore (June 2018).

2017

1. Ajay Kumar Agarwal, Dr. Rakesh Kumar, "Ubiquitous Factory (U-Factory) - Ubiquitous and Cloud Manufacturing", National Conference on Emanations of Sustainable Technologies in Engineering, Science, Management and Education (ESTESME-2017) on 01 April, 2017 by Faculty of Mechanical Engineering at Manav Rachna University, Faridabad, Haryana, India.

2. Megin S. Mathew, John Reji, Vijay Sharma, Ajay Kumar Agarwal, "Electricity Free Air Conditioning", National Conference on Emanations of Sustainable Technologies in Engineering, Science, Management and Education (ESTESME-2017) on 01 April, 2017 by Faculty of Mechanical Engineering at Manav Rachna University, Faridabad, Haryana, India.
3. Dilawri Chetan, Rishabh Sikka, Ajay Kumar Agarwal, "Advancements in the Safety Devices and Safety Technologies in Automobile Industries", National Conference on Emanations of Sustainable Technologies in Engineering, Science, Management and Education (ESTESME-2017) on 01 April, 2017 by Faculty of Mechanical Engineering at Manav Rachna University, Faridabad, Haryana, India.
4. Sanjay Taneja, Importance of balancing technology in engineering industry: National Conference on Emanations of Sustainable Technologies in Engineering, Science, Management and Education (ESTESME-2017) on 01 April 2017 by Faculty of Mechanical Engineering at Manav Rachna University, Faridabad, Haryana, India
5. Sandeep Kumar, "Mechanical Properties of Bullet Resistance Glass using UTM", National Conference on Emanations of Sustainable Technologies in Engineering, Science, Management and Education (ESTESME-2017) on 01 April, 2017 by Faculty of Mechanical Engineering at Manav Rachna University, Faridabad, Haryana, India.
6. Joginder Singh, Dr. MR Tyagi, "Stress and Deformation Analysis of Spur Gear", National Conference on Emanations of Sustainable Technologies in Engineering, Science, Management and Education (ESTESME-2017) on 01 April, 2017 by Faculty of Mechanical Engineering at Manav Rachna University, Faridabad, Haryana, India.
7. Vishant, R.C. Chaturvedi, "An Over View of Indian Power Sector", National Conference on Emanations of Sustainable Technologies in Engineering, Science, Management and Education (ESTESME-2017) on 01 April, 2017 by Faculty of Mechanical Engineering at Manav Rachna University, Faridabad, Haryana, India.
8. Mandeep Bhadana, Ajit Katiyar, "Occupational Exposure of Welding Workers in DEE Piping Systems Ltd.", National Conference on Emanations of Sustainable Technologies in Engineering, Science, Management and Education (ESTESME-2017) on 01 April, 2017 by Faculty of Mechanical Engineering at Manav Rachna University, Faridabad, Haryana, India.
9. Kapil Narwal, Sujata Nayak, Rajiv Nandan Rai, Finite element formulation of a structure with piezoelectric material. National Conference on Emanations of Sustainable Technologies in Engineering, Science, Management and Education (ESTESME-2017) on 01 April, 2017 by Faculty of Mechanical Engineering at Manav Rachna University, Faridabad, Haryana, India.

10. Sujata Nayak, Kapil Narwal, Ruchi Chaudhary, Rajiv Nandan Rai, Performance evaluation of drying of medicinal plant by greenhouse dryer under forced mode condition. National Conference on Emanations of Sustainable Technologies in Engineering, Science, Management and Education (ESTESME-2017) on 01 April, 2017 by Faculty of Mechanical Engineering at Manav Rachna University, Faridabad, Haryana, India.
11. Rajiv Nandan Rai, Sujata Nayak and Kapil Narwal, "Reliability analysis using established methodologies in aviation Industry", National Conference on Emanations of Sustainable Technologies in Engineering, Science, Management and Education (ESTESME-2017) on 01 April, 2017 by Faculty of Mechanical Engineering at Manav Rachna University, Faridabad, Haryana, India.
12. Prashant Bhardwaj, Dr. Rajiv Nandan Rai, Nikhil Arora (2017), "Optimal availability analysis of drill-bit manufacturing system by using Markov approach", National Conference on Emanations of Sustainable Technologies in Engineering, Science, Management and Education (ESTESME-2017) on 01 April, 2017 by Faculty of Mechanical Engineering at Manav Rachna University, Faridabad, Haryana, India.
13. Rajeev Nandan Rai, Gyanendra Kumar, Prashant Bharadwaj, J.P. Sharma, Garima Sharma, "reliability and maintainability analysis framework for industries", National Conference on Emanations of Sustainable Technologies in Engineering, Science, Management and Education (ESTESME-2017) on 01 April, 2017 by Faculty of Mechanical Engineering at Manav Rachna University, Faridabad, Haryana, India.
14. Sujata Nayak, Energy Analysis of hybrid Mixed Dryer, National Conference on Renewable Energy Sources- SOLARIS 2017.
15. Anjit, Gianender, Electricity generation using vertical axis wind turbine: design and development, Paper published in Conference GLBITM, NOIDA (Dec-2017)

2015

1. Ajay Kumar Agarwal, Dr. Rakesh Kumar, "Trends in Manufacturing Systems: Planning & Control Perspective", International Journal of Advanced Manufacturing Systems (IJAMS) [ISSN No. 1536-2647] (Article Published through the "International Conference on Advanced and Agile Manufacturing (ICAM-2015)" at KNIT, Sultanpur, U.P., India during 28th -29th December, 2015), pp. 151-156.
2. Sandeep Kumar, Rabinder Singh Bharj, "An Experimental Analysis of Mechanical Properties of Bullet Resistant Glass", International Journal of Advanced Manufacturing Systems (IJAMS) [ISSN No. 1536-2647] (Article Published through the "International Conference on Advanced and Agile Manufacturing (ICAM-2015)" at KNIT, Sultanpur, U.P., India during 28th -29th December, 2015), pp. 278-281.

3. Ajay Kumar Agarwal, "Reflection on Production Planning & Control in Market Perspective", TEQIP-II and AICTE Sponsored National Conference on Advances in Manufacturing Systems [Technology, Materials and Management] (CAMS-2015) on 23-24 Dec. 2015 at Department of Mechanical Engg. at Shaheed Bhagat Singh State Technical Campus, Ferozepur (Punjab).
4. Gananath D. Thakre, S.P. Harsha, Satish C. Sharma, M.R. Tyagi, "Experimental and Theoretical Study of SAE 10 Hydraulic Oil Lubricated EN-31 Steel-Steel Tribo-Pairs", STLE May 17-21, 2015.
5. Gananath D. Thakre, S.P. Harsha, Satish C. Sharma, M.R. Tyagi, "Analysis of Diester Lubricated Starved EHL Line Contacts", STLE May 17-21, 2015
6. Sujata Nayak and Kapil Narwal. Testing and Energy Analysis of a Mixed Solar Dryer. National conference on "Recent Developments in Mechanical Engineering" at UIET, MDU Rohtak-124001, Haryana on Nov. 21st, 2015.
7. Sujata Nayak, Kapil Narwal. AER Technology for Desalination process. ISWATS International Conference at Pune, Maharashtra on April 21-23, 2016 November 2015.

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1. Ajay Kumar Agarwal, "Manufacturing Planning – A Mathematical Perspective", TEQIP-II and AICTE Sponsored National Conference on Advances in Manufacturing Systems [Technology, Materials and Management] (CAMS-2014) on 05-06 Sept. 2014 at Department of Mechanical Engg. at Shaheed Bhagat Singh State Technical Campus, Ferozepur (Punjab), pp. 32-39
2. Ajay Kumar Agarwal & All, "Mobile Application – Android Perspective", AICTE Sponsored National Seminar on MobApp-2014 on 28th - 29th March, 2014 at N.C.C.E Technical Campus, Israna (Panipat, Haryana)

FACULTY OF MANAGEMENT & HUMANITIES

Research Publications in Journals

2018

1. Raman Tiwari, Manav Kumar Saxena, Prajna Mehdiratta, Kshitij Vatsa, Smriti Srivastava, Rajat Gera, Investigation of Artificial Intelligence Techniques in Finance and Marketing; Journal of Intelligent and Fuzzy Systems; 2018; ISSN 1064-1246 (P), ISSN 1875-8967 (E), in press.

2017

1. Gera R, Mittal, S, Batra, D.K., Prasad, B, "Evaluating the effects of service quality, customer satisfaction and service value on behavioral intentions with life insurance customers in India", International Journal of Service Science, Management, Engineering and Technology (IJSSMET), 2017; Volume 8(3); ISSN: 1947-959X.
2. Singhvi, S, Gera R, "Candy Confectioneries Pvt. Limited (CCL)", Emerald Emerging Markets Case Studies, 2017; 7(1); ISSN: 2045-0621.
3. PriyankaSrivastava, B Agrawal, SachdevaSrivastava P, Agrawal B, Innovative strategies for the development of rural India through village cottage and agribusiness enterprises, Global Business and Economic Review, Inderscience Publishers, 2017; 19(3), pp: 276-298.
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2016

1. B. Prasad, Anand Kumar Rai, "Current Development in Money and Debt Markets in India, International Journal of Management Dynamics, Vol, 4. No 1, Jan- June 2016
2. Pragati Chauhan, "Challenges Facing the Current Higher Education System in India", International Journal of Engineering Technology Science and Research, Vol 3, Issue 4, April 2016.
3. Bindu Agrawal, "Case Study: An Effort of Faridabad Entrepreneurs for Energy Efficiency",in Prastuti, Journal of Management and Research, Vol 5, July 2016, (IBM, GLA Management Publication)
4. Pooja Kapoor, "The e Side of Performance Appraisal System, in India MBA.com, Aug., 2016..

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1. Mittal, S., Gera, R and Batra, D.K., (2015) "An evaluation of an integrated perspective of perceived service quality for retail banking services in India," International Journal of Bank marketing, Vol. 33 (3), pp: 330-350 (Emerald publication)
2. Mittal, S.,Gera, R. and Batra, D.K.,(2015), "Evaluating the validity of Student Evaluation of Teaching Effectiveness (SET) in India," Education + Training, Vol. 57 (6), pp: 623-638 (Emerald publication).
3. Vancheswar, V, Batra, D.K., and Gera R (2015) "Corporate reputation: A study of practitioners in the Indian context," Corporate Reputation Review, Vol. 18 (4), pp: 261-276 (Palgrave Macmillan publication)
4. Singh, L. Bindu, Agrawal (2015). "Study of Student's Attitude towards Skills Development from the Professional Courses at Faridabad, Haryana", Gurukul Business Review, March 2015.

5. Bindu Agrawal(2015)., A Case of Establishing Brand: Faridabad Heena, in Prastuti, Journal of Management and Research, Vol 3, July 2015, (IBM, GLA Management Publication)
6. Sudhir Sachdev(2015).,The Green Gap: The difference between Consumer's Environmental Concerns and Ecological Deeds, Journal of Exclusive Management Science 2015, Vol 4, Issue 11
7. PragatiChauhan(2015)., Community Engagement og Higher Education in India; an application of Carroll's Model of social responsibility, Global Journal of Multidisciplinary Studies 2015, Vol 4, Issue 3.

2014

1. Sudhir Sachdev, Vinod Mahna, Consumer perception Regarding Eco- Friendly Fast Moving Consumer Goods in India, in International Journal of Engineering, Business and Enterprise Application (ISSN:2279-0020) 2014, Volume 3, No.10.
2. SudhirSachdev, Environmental friendly products: Role of Eco Awareness on Purchase Behaviour of Indian Consumers' in Zenith International Journal of Multidisciplinary Research (ISSN: 2231-5780) in April 2014, Volume 4, Issue 4
3. I K Kilam & PoojaKapoor, Role of Business School in Shaping Enterprise Social Responsibility amongst Micro, Small and Medium Enterprises, Indian Economic Panorama, Jan 2014, Vol 23, No 3A.
4. Amit Seth, Sustainable Turnaround Strategies of Indian Public Sector Banks, Excel Publications, ISBN:978-93-83842-19-3, Page No.556-563
5. Singh, L.B., Dutch, M.A. (2014), Changes in Socio-Cultural Environment and Human Resource Practices. Amity Global Business Review. Vol. 9 ISSN0975-511X

Research Publications in Conferences

2017

1. Rajat Gera, Investigation of Artificial Intelligence Techniques in Finance and Marketing, International Conference on Signals, Machines and Automation (SIGMA'18), Febuary 23-25, 2018, NSIT Delhi, India

2016

1. Bindu Agrawal, Presented a Research Paper at National Seminar at DVA Centenary College, Faridabad, on "Agriculture in the Age of Globalization on 27th Feb 2016. The title of paper was" Case Analysis of Successful Agribusiness in India for Sustainable Rural Development".

2. Bindu Agrawal, Presented a research paper at National Conference on, “Entrepreneurship Global Economy and Sustainable Development for Developing Nations” on 16th Jan 2016, at DAV College, Ajmer, Rajasthan.

2015

1. Bindu Agrawal, presented a paper titled “Energy Efficiency and case study of Faridabad Small Industries Association” on 16th and 17th Jan 2015, organized and funded by DST- Centre for Policy Research, BBA University (Central University), Lucknow.
2. Bindu Agrawal, presented a paper in International Conference on “Paradigm Shift in Management & Technology” titled, “Challenges and Motives among Women Entrepreneurs of Faridabad Region: Empirical Evidence” on 09th and 10th April 2015, organized by YMCA University.
3. Gera, R and Batra D K (2015), October 16, 2015, “Evaluating the structure of e service quality in online travel in India:”, 7th National Conference on Business Innovations, Apeejay School of Management, Dwarka, New Delhi, India.
4. Gera, R and Batra D K (2015), October 16, 2015, “Evaluating the structure of e service quality in online travel in India:”, 7th National Conference on Business Innovations, Apeejay School of Management, Dwarka, New Delhi, India.
5. Gera R, Taneja R (2015), “Modelling the consumer consequences of Website Quality of e-travel sites in India:”, International Conference on Innovative Brand Building through Digital Marketing on 30th – 31st January,

2014

1. Priyanka Shrivastav, Mrinalini Pandey; Social Innovation through Social Media: Changing Trends and Emerging Challenges, International Conference on Social Media, IIM- Raipur, Jan 10-11, 2014.
2. Priyanka Shrivastav, Yogita Sharma; Value creation of Service Dominant Logic in Health Care Industry– A Reflection, International Conference on Research in Marketing, IIT Delhi (SCOPUS) in collaboration with XLRI and Curtin University , Dec 21-22 , 2013
3. Priyanka Shrivastav, Bindu Agrawal; Strategies for Sustainable Development of Agribusiness in India: A Theoretical Framework, International Conference on Research in Marketing organized by IIT Delhi in collaboration with XLRI and Curtin University (SCOPUS) , 21- 22December, 2013.

4. Saxena, Meenakshi, 'Changes in Socio cultural environment and its linkages with HR practices', National Seminar on Contemporary Issues and Challenges in Commerce, Management and Technologies, DAV Centenary College, Faridabad, 7-8 Feb. 2014.
5. Amit Seth, Sustainable Turnaround Strategies of Indian Public Sector Banks, International Conference on Research and Sustainable Business, IIT Roorkee, March 8-9, 2014, ISBN:978-93-83842-19-3, Page No.556-563

FACULTY OF APPLIED SCIENCES

Department of Physics

Research Publications in Journals

2018

1. Anshuman Sahai, Navendu Goswamia, Monu Mishra, Govind Gupta; Structural, vibrational and electronic properties of CuO nanoparticles synthesized via exploding wire technique; Ceramics International (Elsevier); 2018; 44: 2478–2484; ISSN: 0272-8842.

2017

1. Haider Abbas, First-principles study of interaction of serine with nucleobases of DNA and RNA, J. Biological Physics, 2017, 43, 105-111; ISSN: 0092-0606. (Impact factor: 1.394)
2. A. Bardhan, M.S. Khurana, B.M. Bahal, M Aggarwal, D.K. Sharma, Ion density and temperature variations at altitude of 500 Km during moderate seismic activity, Advances in Space research, vol. 59, pp. 1023-1032, 2017. (Impact factor: 1.409), ISSN: 0273-1177.
3. Bindu Mangla, D.K. Sharma, Anupama Rajput, Ion density variation at upper ionosphere during thunderstorm, Advances in Space research, vol. 59, pp. 1189-1199, 2017. (Impact factor: 1.409), ISSN: 0273-1177.
4. M Aggarwal, D. K. Sharma, Seasonal characteristics of COSMIC measurements over Indian sub-continent during different phases of solar activity, Advances in Space Research, Vol 59, 2279-2294 pp., 2017, ISSN: 0273-1177.

5. D. K. Sharma, Malini Aggarwal, Ananna Bardhan, Variability of ionospheric parameters during solar minimum and maximum activity and assessment of IRI model, *Advances in Space Research*, Vol 60, 435-443 pp, 2017, ISSN: 0273-1177.
6. Malini Aggarwal, Ananna Bardhan, D.K. Sharma, Equinoctial asymmetry in ionosphere over Indian region during 2006-2013 using COSMIC measurements, *Advances in Space Research*, Vol 60, 999-1014 pp. 2017, ISSN: 0273-1177.
7. Jai Prakash, Structural, dielectric and magnetic studies of studies of multiferroics $\text{Bi}_{1-x}\text{Sr}_x\text{FeO}_3$ ($x = 0.1, 0.2, 0.3, 0.4$ and 0.5), *Solid State Sciences* (2017), 72 (Impact factor: 1.894) Available online at: <http://authors.elsevier.com/sd/article/S1293255817304107>; ISSN: 1293-2558.
8. Parutagoud Shankaragoud Patila, Mohd Shkirb, Shivaraj R. Maidura, S. AlFaifyb, M. Arorad, S. Venugopal Raoc, H. Abbas, V. Ganesh, Key functions analysis of a novel nonlinear optical D- π -A bridge type (2E)-3-(4-Methylphenyl)-1-(3-nitrophenyl) prop-2-en-1-one chalcone: An experimental and theoretical approach, *Optical Materials*, 2017, 72; ISSN: 0925-3467

2016

1. Malini Aggarwal, D. K. Sharma, Ananna Bardhan. Preliminary studies of ionospheric behaviour during seismic event of $M_w \sim 6.9$ at Qinghai station (geog. 33.19°N , 96.75°E). *Journal of Indian Geophysical Union*, Special vol. 2, pp. 127-132, 2016. (Impact factor: 0.13), ISSN: 0257-7968.

2015

1. Sakshi Gupta, Haider Abbas, Vijayeta Gambhir, MN Reddy, Dalip S Mehta, Fluorescence quenching of Rhodamine 6G by 1,3,5-Trinitroperhydro-1,3,5-triazine entrapped in porous sol-gel silica, *Journal of Luminescence*, vol. 168, pp. 88–91, 2015. (Impact factor: 2.693), ISSN 0022-2313.
2. Haider Abbas, Mohd. Shkir B, S. AlFaify, Density functional study of spectroscopy, electronic structure, linear and nonlinear optical properties of L-proline lithium chloride and L-proline lithium bromide monohydrate: For laser applications, *Arabian Journal of Chemistry* (2015). (Article in press). (Impact factor: 3.613), ISSN: 1878-5352.
3. Mohd. Shkir, S. Al-Faify, Haider Abbas, G. Bhagavannarayana, A physico-chemical approach to study the experimental and theoretical properties of L-ornithine monohydrochloride: An organic nonlinear optical material, *Materials Chemistry and Physics* vol. 155, pp. 36-46, 2015. (Impact factor: 2.101), ISSN: 0254-0584.

4. Mohd. Shkir, S. Al-Faify, Haider Abbas, Shabbir Muhammad, First principal studies of spectroscopic (IR and Raman, UV-visible), molecular structure, linear and nonlinear optical properties of L-arginine p-nitrobenzoate monohydrate (LANB): A new non-centrosymmetric material, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* vol. 147, pp. 84-92, 2015. (Impact factor:2.653), ISSN: 1386-1425.
5. Ananna Bardhan, D. K. Sharma, M. S. Khurana, M. Aggarwal and S. Kumar, Electron-Ion-Neutral temperatures and their ratio comparison over low latitude ionosphere, *Advances in Space Research*, vol. 56, pp. 2117-2129, 2015. (Impact factor: 1.409), ISSN: 0273-1177.
Ananna Bardhan, D. K. Sharma and S. Kumar, Variability of ion density due to solar flares as measured by SROSS-C2 satellite, *Indian J. Radio & Space Phys.*, vol. 44, pp. 88-95, 2015. (Impact factor:0.24), ISSN:0367-8393
6. D. Tripathi, S. Hans, A. A. Mogbademu and Babita Tyagi, Inequality for Derivatives of Rational functions, *Journal of Interdisciplinary Mathematics* DOI: <http://10.1080/09720502.2015.1033837>, ISSN: 0972-0502 .
7. Morphological studies and thermo-mechanical behaviour of polypropylene /Sepiolite nanocomposites. *Polymer Composites*, 2015. DOI: 10.1002/pc.23800 Bindu Manchanda, Vimal Kakkarakkal Kottiyath, Gurpreet S. Kapur, Shashi Kant, Veena Choudhary. ISSN:1548-0569.
8. A. Bardhan, D. K. Sharma, M. S. Khurana, M. Aggarwal and S. Kumar, Electron-Ion-Neutral temperatures and their ratio comparison over low latitude ionosphere, *Advances in Space Research*, 56 (2015) 2117-2129. ISSN: 0273-1177.
9. A. Bardhan, D. K. Sharma and S. Kumar, Variability of ion density due to solar flares as measured by SROSS-C2 satellite, *Indian J. Radio & Space Phys.*, 44 (2015) 88-95. ISSN:0367-8393.

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1. Bindu Mangla, D. K. Sharma, A. Rajput, Diurnal and seasonal variation of topside ionospheric ion density over Indian region at solar minimum and solar maximum, *Advances in Space Research*, vol. 54, pp. 1813-1817, 2014. (Impact factor: 1.409), ISSN: 0273-1177.
2. A. Bardhan, D. K. Sharma, S. Kumar, J. Rai, Variation of the O⁺ ion density during low and high solar activity as measured by the SROSS-C2 satellite, *Atmosfera*, vol. 27 pp. 227-237, 2014. (Impact factor: 0.547), ISSN: 0187-6236.

3. A. Bardhan, Malini Aggarwal, D. K. Sharma, and J. Rai, Equinoctial asymmetry in low latitude ionosphere as observed by SROSS-C2 satellite, *Journal of Atmospheric & Solar Terrestrial Physics*, vol. 117, pp. 101-109, 2014. (Impact factor: 1.463)ISSN: 1364-6826.
4. Mohd Shkir, Haider Abbas, Physico chemical properties of L-asparagine L-tartaric acid single crystals: A new nonlinear optical material, *SpectrochimicaActa Part A: Molecular and Biomolecular Spectroscopy*, vol. 118, Jan 2014, pp. 172-176. (Impact factor: 2.653),ISSN: 1386-1425.
5. Haider Abbas, Neutral-neutral reactions for the formation of C₃O and C₃S, *Astrophysics and Space Science*, vol. 351, Issue 1, pp. 53-57, 2014. (Impact factor:1.678). ISSN: 0004-640X.
6. MohdShkir, Haider Abbas, on the ground and excited state of glycine-glutaric acid: A new organic material, *SpectrochimicaActa Part A: Molecular and Biomolecular Spectroscopy*, vol. 125, pp. 453-457, 2014. (Impact factor: 2.653), ISSN: 1386-1425.
7. Mohd. Shkir, Haider Abbas, Sumeet Kumar, G. Bhagavannarayana, S. AlFaify, Experimental and theoretical studies on Bis(glycine) lithium nitrate (BGLiN): a 39physic-chemical approach, *Journal of Physics and Chemistry of Solids*, vol. 75, pp. 959-965, 2014. (Impact factor: 2.048), ISSN 0022-3697.
8. M. Tripathi, A. S. Bhadwal, Priti Singh, B. R. Shrivastav, A. Shrivastav, Mechanistic Aspects of Biogenic Synthesis of Cds Nanoparticles Using BascillusLicheniformis, *Advance in Natural Sciences: Nanoscience and Nanotechnology*, vol. 5: pp. 025006(1-5), 2014. (Impact factor:2014: 1.52), ISSN 20436262
9. Priti Singh, S.K.Jain, Biosynthesis of nanomaterials: Growth and Properties, *Reviews in Advanced Sciences and Engineering*, vol. 3: pp. 1-8, 2014.ISSN: 2157-9121 (Print): EISSN: 2157-913X (Online).
10. V. V.Tyagi, A.K. Pandey, R Kothari, S. K. Tyagi, Thermodynamics and Performance Evaluation of encapsulated PCM based energy storage systems for heating applications in buildings, *International Journal of Thermal Analysis and Calorimetry*, vol. 115(1), pp. 915-924, 2014. (Impact factor:1.781), ISSN: 1388-6150.
11. S. R. Park, A. K. Pandey, V. V. Tyagi, S. K. Tyagi, Energy and Exergy Analysis of Typical Renewable Energy Systems, *Renewable and Sustainable Energy Reviews*, vol. 30, pp. 105-123, 2014. (Impact factor: 6.798), ISSN: 1364-0321.
12. Jai Parkash, R.S.Chauhan, Ravi Kumar, Yogesh Kumar, N. VijayanStudy of the structural, dielectric and magnetic properties of Bi_{1-x}BaxFeO₃ (x = 0.1, 0.2, 0.3, and 0.4), *Journal of Alloys and Compounds*, vol. 598, pp. 248 -252, 2014. (Impact factor: 3.014), ISSN: 0925-8388.

Research Publications in Conference

2015

1. D. K. Sharma. "Effect of solar activity on ionospheric electron and ion temperatures and comparison with IRI-2012 model" IRI-2015 Workshop on 'Improved Accuracy in the Equatorial Region and Progress towards a Real-time IRI model' A COSPAR Capacity- Building Workshop, King Mongkut's Institute of Technology, Bangkok, Thailand, November 9-13, 2015. (International).
2. Ananna Bardhan, M. Aggarwal, D. K. Sharma, S. Kumar. "Study of Ionospheric Parameters over Indian Region Using COSMIC Measurements during 2006-2013 Equinoxes". (2nd URSI-Regional Conference on Radio Science - 2015, 16-19 November, 2015, JNU, India, Indian National Science Academy, URSI and JNU. (International).

2014

1. D. K. Sharma. "Equinoctial asymmetry in low latitude F2 region ionosphere" XVI IAGA Workshop on Geomagnetic Observatory Instruments, Data Acquisition and Processing, National Geophysical Research Institute (NGRI), Hyderabad in association Indian Institute of Geomagnetism (IIG), October 7-16, 2014. (International).
2. D. K. Sharma, A. Bardhan and J. Raj, "Effect of Solar flares on ion density in the F2 region Ionosphere", XVIII National Space Science Symposium, Dibrugarh University, Dibrugarh, Jan 29-Feb 01, 2014. (National).
3. Ananna Bardhan, D. K. Sharma & S. Kumar. "O⁺ ion density variation during seismic activity as measured by SROSS-C2 satellite". (International Conference on Advances in earthquake science-the future challenges, ISR, Gujarat, India organized by ISR, DST and GDMA), 4-6 January 2014. (International).
4. Ananna Bardhan, D.K. Sharma & S. Kumar. "Ion density variation during seismic activity as measured by SROSS-C2 satellite". (40th Committee on space research Assembly, Moscow State University, Moscow, Russia, August 2-10, 2014 (International).

Department of Mathematics

Research Publications in Journals

2018

1. Ruchi Gupta; Examining the Effect of the Magnetic Field on Free Convection Flows in Liquid Metals, Electrolytes and Ionized Gases; International Journal of Scientific Research in Science, Engineering and Technology; 2018; 4:849-857, ISSN : 2394-4099.
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2. Upasana Taneja, Neetu Gupta, Yogesh Kumar Goyal, Availability function using Markov modeling with application of software on matrix method; International conference on Multidisciplinary Research, Practices & Studies organizing by Seventh sense research group at A.P. Goyal University, Shimla (Feb 23rd-24th, 2018),.

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2. A.K. Awasthi "A mathematical model for computation of Displacement and Stress Component in Griffith Crack of Human Wet Bone due to elastic Properties of Bone" National Conference on Nano, Bio and Information Technology Integration held at Sanjay institute of Engineering & Management, Mathura on March 23rd-25th, 2016.

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5. Meena Kapahi, Dr. Sarita Sachdeva, "From Mycelia to Mushrooms: Nutritional and Medicinal Benefits for Health and Well-being in the "Third International Conference on Occupational & Environmental Health" organized by National Institute of Health and Family Welfare, Deptt. of Community Medicine, Vardhman

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3. Ayush Sharma, Piyush Bajpai, Sukhdev Singh, Kiran Khatter, Agha Imran Husain, "Virtual Reality; blessings and risks" published (WoS) in Indian Journal of Science and Technology; Print ISSN: 0974-6846. Online ISSN: 0974-5645.
4. Nazim hussain, Azharuddin, Nazish Ahmad Shamsi, "Effect of Heat Treatment and Rolling on Mechanical Properties of Austenitic Stainless Steel" Communicated (Scopus) in International conference on Recent Advances in Materials and Processing: Challenges and Opportunities (AMPCO) 2017.
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17. S. Somesh, Sumit Kumar Shaw, Piyush Mahendru, "A comprehensive review on LiBr-H₂O based solar powered vapour absorption refrigeration system" Accepted (Scopus) in FLAME 18.
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19. Jatin Jangra, Gajender Chauhan, Anurag Tripathi, Jayati Ralen, "A review paper on text summarization" Published in International Journal of Research Fellow for Engineering; ISSN: 2320-7396.

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40. Aditya Rana, Prithvi Singh, Rupesh K Mishra, "Big Data in Applications of Automated Systems" Accepted (Scopus) in ICACCCN 2018.
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42. Anchal Garg, Priya, Smridhi Chawla, Bharti Jha, "Review on Sentiment Analysis of Twitter Data with some Classifiers Ensembles" Communicated (Scopus) in International Conference SEECS-2018.
43. Mahima, Sanya Singh, Shreya Khandelwal, Agha Imran Husain, "Cloud Computing and Security Issues" Communicated (Scopus) in International Conference on Advances in Computing, Communication Control and Networking –ICACCCN (ICAC3N'18).
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52. Nikhil Kumar Rajput, Sagar Verma, Subham Rohilla, Ajay Kumar Agarwal, "Flow Shop Scheduling in a Medium Scale Industry – A Review for Future Aspect" Accepted (Scopus) in ICMAE2018.
53. Joginder Singh, M. R. Tyagi, Himanshu Garg, Kunal Singh, K. Aditya, Himanshu Gupta, "Comparative Study of Sheet Metal and Carbon Fiber Reinforced Composites Ceiling Fan Blade" Accepted (Scopus) in FLAME 2018.
54. Mukul Bhatia, Krishan Mohan Vashisht, Piyush Mahendru, "A comprehensive study of different building integrated PV modules" Accepted in Global Congress on Biotechnology, Nanotechnology, Energy and Environment (2018).
55. Nazim Hussain, Himanshu Gulati, Azharuddin, Nazish Ahmad Shamsi, "Heat Treatment Effect on Mechanical Properties of Austenitic Stainless Steel: Review Report" Accepted in Global Congress on Biotechnology, Nanotechnology, Energy and Environment (2018).
56. Gianender Kajal, Shivam Bansal, Motiur Rehman, Rahul Malik, Manjit Singh, "Review on Effects of Friction Stir Welding of Different Materials" Accepted in Global Congress on Biotechnology, Nanotechnology, Energy and Environment (2018).
57. Gautam Ahuja, Md. Badrul, "Energy Harvesting through Piezoelectricity" Accepted in Global Congress on Biotechnology, Nanotechnology, Energy and Environment (2018).
58. Amit Kumar, Surya Pratap Singh, Shrey Rajput, Sudhir Chaudhary, "Determination of the Optimal Tilt Angle for Solar Photovoltaic Panel" Accepted in Global Congress on Biotechnology, Nanotechnology, Energy and Environment (2018).
59. Rahul Lamba, Rajeev Singh, Mukul Chaudhary, Jai Prakash Sharma, "Dielectric Fluid Effects on Electrical Discharge Machining" Accepted in Global Congress on Biotechnology, Nanotechnology, Energy and Environment (2018).

60. Fateh Singh, Tushar Gupta, Pushpinder Singh, Sujata Nayak, "Review on Solar Energy in India" Accepted in Global Congress on Biotechnology, Nanotechnology, Energy and Environment (2018).
61. Deepanshu Kalra, Gurpreet Singh, Rahul Malik, J. Singh, "Design and Analysis of Industrial Helmet" Accepted in Global Congress on Biotechnology, Nanotechnology, Energy and Environment (2018).
62. Maheshi Shivam Malik, Nitin Jaiswal, Gianender, "Parameter Affecting Turning Operations (Taguchi Method)" Accepted in Global Congress on Biotechnology, Nanotechnology, Energy and Environment (2018)
63. Bhagat Singh, Suraj Sharma, Rishabh Singh, Prashant Bhardwaj, "A Review Report on Solar Dryer in India" Accepted in Global Congress on Biotechnology, Nanotechnology, Energy and Environment (2018).
64. Deepanshu Aggarwal, Harsh Aggarwal, Gaurav Joshi, Ashish Kumar, Aanchal Khatri, Nikita, "A Sustainable Life Based Model for Desert Ecosystem" Published (PubMed) in IJAR; ISSN 2320-5407.
65. Sumeet Chandel, Rahul Chauhan, Varun Sharma, Jayati Ralen, Aanchal Khatri, "A Novel Scheme for continuous monitoring of Kidney patients" Published (PubMed) in IJAR; ISSN 2320-5407.
66. Samarth Sethi and Sunny Dagar, "Fake News Detector" in Communicated International Conference on Advances in Computing, Communication Control and Networking –ICACCCN (ICAC3N'18).
67. Himanshu Arora, Cheshta Bansal and Sunny Dagar, "Comparative study of image steganography techniques" Communicated in International Conference on Advances in Computing, Communication Control and Networking –ICACCCN (ICAC3N'18).
68. Palash Dubey, Saurabh Sethi, Kunal Bhardwaj, Urmila, "A Novel Architecture on Text-based Smart Systems for Internet of Things" Accepted (Scopus) in IEEE ICNTET Conference 2018.
69. Anjali Gehlot, Manisha Kumari, Mrinal Pandey, "Big Table: Need of Cloud Big Table" Communicated in International Conference on Communication and Technology 2018.
70. Ashish Verma, Kandy Arora and Aarush Sharma, Neelu Chaudhary, "Block -chain: The Boon For Bitcoin" International Conference on Advances in Computing, Communication Control and Networking – Communicated (Scopus) in ICACCCN (ICAC3N'18).
71. Anurag Rawal, Gaurav Chhikara, Hitesh Khanna, Urmilla Pilonia, "Cryptography Algorithm" Communicated (Scopus) in International Conference on Advances in Computing, Communication Control and Networking –ICACCCN (ICAC3N'18).
72. Vikash Singh, Kaustubh D and Madhur Ahuja, Gaganjot Kaur, "Load Balancing in Cloud Computing" Communicated (Scopus) in International Conference on Advances in Computing, Communication Control and Networking –ICACCCN (ICAC3N'18).

73. Sonal Singhal, Shailja Yadav, Rohit Tanwar, "Network Security Using Lattice Based Cryptography" Communicated (Scopus) in International Conference on Advances in Computing, Communication Control and Networking –ICACCCN (ICAC3N'18).

BOOK / BOOK CHAPTER

Details of Books/ Book Chapter published by existing Permanent Faculty Members in the last three years:

Sl. No.	Name of Faculty Member	Name of the Book/ Book Chapter	Name of the Publisher	Year of Publication
1	Y. K. Awasthi	Theory and Design of QWB Antenna. In UWB Technology and its Applications	In Tech	2018
2	Roopa Rani, P.K. Patnala, Vinayak V. Pathak	Prospects of Pesticides Contamination and Control Measures in Aquatic Systems: A Green Approach. In Adverse Effects of Pesticides Pollution in Aquatic Ecosystems (Book Chapter)	IGI Global (in press)	2018
3	Rashee Singh	Total Quality Management in Teacher Education. In Systematic Concerns of Teacher Education in 21 st Century ISBN no. 978-93-86490-15-5 (Book Chapter)	Bansal Publishers, Chandigarh	2017
4	Sujata Nayak, Kapil Narwal	Design, Development and Exergy Analysis of a Hybrid PV Solar Dryer. In Renewable Energy Technology (Book Chapter); ISSN No. 978-981	Narosa Publishing House, New Delhi	2017
5	Sujata Nayak, Kapil Narwal	Energy and Exergy Analysis of a PV Solar Dryer. In Solar Drying Technology. (Book Chapter)	Springer Press	2017
6	Y. K. Sharma	Applied Mathematics	Dreamtech Press	2016
7	A. K. Awasthi	Real Analysis	Soft-Ed Publishing House Pvt.Ltd.	Revised Edition 2016
8	A. K. Awasthi	Topology	Soft-Ed Publishing House Pvt.Ltd.	Revised Edition 2016

Sl. No.	Name of Faculty Member	Name of the Book/ Book Chapter	Name of the Publisher	Year of Publication
9	A. K. Awasthi	Advanced Abstract Algebra	Soft-Ed Publishing House Pvt.Ltd.	Revised Edition 2016
10	A. K. Awasthi	Complex Analysis	Soft-Ed Publishing House Pvt.Ltd.	Revised Edition 2016
11	A. K. Awasthi	Mechanics	Soft-Ed Publishing House Pvt.Ltd.	Revised Edition 2016
12	A. K. Awasthi	Integral Transform	Soft-Ed Publishing House Pvt.Ltd.	Revised Edition 2016
13	Shefali Chopra, Chitra Gaba	Microprocessor and Interfacing	Manav Rachna Publishing House Pvt. Ltd., New Delhi	Revised Edition 2014
14	Sujata Nayak	Solar Radiation: Green option for Energy” from book “Renewable Energy Technology (Book Chapter)	Narosa Publishing House, New Delhi	2015
15	Megha Mittal	Preventing fluoride toxicity with selenium (Book Chapter)	Royal Society of Chemistry	2015
16	Megha Mittal	Handbook of Arsenic Toxicology (Ed. S.J.S. Flora). (Book Chapter)	Elsevier	2015
17	Sanjana Malhotra, Shefali Chopra	Digital Electronics	Manav Rachna Publishing House Pvt. Ltd., New Delhi	2014
18	Y. K. Sharma, Vijay Kumar	Engineering Mathematics I	ACME Learning Pvt. Ltd. New Delhi	2014

PATENTS

Sl. No	Patent / Copyright	Applicant	Year of Application	Granted
1	Method and System for Summarizing a Document [Patent No. US20160299881-A1]	Anand Gupta, Shachar Mirkin and Manpreet Kaur	2016	Yes
2	Process for preparation of Novel Multifunctional Additive for Aqueous Lubricants [Patent No. US896926882]	A.K. Chattarjee, M.R.Tyagi, S.S. Ray, Indu Shekhar and A. Bansal	2015	Yes
3	A process for value addition of residual oil for Girth Gear Lubricating Grease. [Patent No. 3142/DEL/2012A]	S. Kaul, P. Nagendramma, R.P.S. Bisht and M.R. Tyagi	2014	Yes
4	Bio degradable base stock as neat cutting oil [Patent No. 3483/DEL/2012 A]	Savita Kaul, P. Nagendramma, G.D. Thakre, R.P.S. Bisht and M.R. Tyagi,	2014	Yes
6	A novel multifunctional additive for aqueous lubricants and process thereof [Patent No. 729/DEL/ 2011 A]	K. Chattarjee, M.R. Tyagi, S.S. Ray, Indu Shekhar and A. Bansal	2012	Yes
6	A neat cutting oil (inactive and active type) using jojoba oil and Sulphurised Jojobaoil. [Patent No. 185926]	R.P.S. Bisht, M.R. Tyagi, V.K. Bhatia and P.C. Nautiyal.	2001	Yes
7	A soluble EP cutting oil using jojoba oil and sulphurised jojoba oil. [Patent No. 188253]	M.R. Tyagi, R.P.S. Bisht, V.K. Bhatia and P.C. Nautiyal	2003	Yes
8	An Improved Process for preparing Star Shaped Branched Poly isoprene. [Patent No. 230921]	S. Sinha Ray, A.K. Gupta, A.K. Mishra, and A.K. Bhatnagar	1999	Yes
9	A Method for the Preparation of Bismuth Dialkyldithiophosphates [Patent No. 186371]	A.K. Gupta, H.C. Bhatia, D.K. Tuli, A.H. Kumar, M.M. Rai and A.K. Bhatnagar	1995	Yes
10	A Process for Preparation of Bismuth Dialkyldithiocarbamates [Patent No. 185221]	A.K. Gupta, H.C. Bhatia, D.K. Tuli, A.H. Kumar, M.M. Rai and A.K. Bhatnagar	1995	Yes

Sl. No	Patent / Copyright	Applicant	Year of Application	Granted
11	An improved Process for the preparation of Molybdenum Dialkyldithiocarbamates as Antifriction Extreme pressure, Antiwear and Antioxiand Additives for Lubricating oils. [Patent No. 187075]	H.C. Bhatia, R. Sarin, A.K. Gupta, D.K. Tuli, A.K. Misra, M.M. Rai and A.K. Bhatnagar	1993	Yes
12	An improved Method for the Preparation of Antimony Dithiocarbamates for use in Lubricating Compositions [Patent No. 187076]	D.K. Tuli, A.K. Gupta, R. Sarin, H.C. Bhatia, M.M. Rai and A.K. Bhatnagar	1993	Yes
13	An Improved Process for the Synthesis of Linear and Star Shaped Polyisoprene [Patent No. 185887]	A. Kashyap, S. Sinha Ray, A.K. Gupta, A.K. Misra, A.K. Bhatnagar, D.K. Upadhayay and S.Sivaram	1992	Yes
14	An Antifriction Composition comprising Soluble Molybdenum Compound and Ashless Sulphur containing EP Additive [Patent No. 172846]	R. Sarin, A.K. Gupta, A.K.Misra, E. Sayanna, S.P.Srivastava and A.K. Bhatnagar	1991	Yes
15	Multi Beam Interference using Modified Aspherical Cone Lens No. 2369/DEL/2014	Dr. B.M. Bahal and Dr. Dinesh Kumar Sharma	2014	Applied for
16	S W Rose Bins	Akansha Ahuja, Meena Kapahi and Dr. B.M. Bahal	2017	Applied for

INTER-DEPARTMENTAL (INTER-DISCIPLINARY) RESEARCH

A: Department of Chemistry and Biotechnology are working in the field of environmental pollution control using innovative biosorbents.

List of Publications:

1. **Meena Kapahi**, Sarita Sachdeva, Smart Cities in Smart Regions 2017, Conference Proceedings, at Lahti University of Applied Sciences, Finland, Review Article: Oyster Mushrooms: Waste to Taste.
2. **Meena Kapahi** and Sarita Sachdeva, Mycoremediation potential of *Pleurotus* species for heavy metals: a review, Bioresources and Bioprocessing 2017,4:32.
3. **Arpit Sand**, Aparna Vyas and A. K. Gupta, Synthesis and Characterization of Graphene Based Hydrogels: A Review, BAOJ Chemistry, 2017, Vol 3, Issue 2; 025 (7 pages)(I.F. 2.2)
4. **Meena Kapahi** and Dr. Sarita Sachdeva; oral presentation entitled Oyster Mushroom: Waste to Taste in the Smart Cities in Smart Regions 2016 Conference, May 10th – 12th 2016, Lahti university of Applied Sciences, Finland
5. **Meena Kapahi** and Dr. Vinod Joon; oral presentation entitled Smart Health in Smart Cities: Where does India Stand? in the Smart Cities in Smart Regions 2016 Conference, May 10th – 12th 2016, Lahti university of Applied Sciences, Finland.
6. **Meena Kapahi** and Dr. Sarita Sachdeva, Curbing India's Grand Challenges of Sustainable Development with Sustainable Farming, Young Researcher's South Asian Symposium on Sustainable Development Goals (SDGs) 'Sustainable Consumption and Production' organized by TERI University, UN Development Solutions Network South Asia Region and United Nations Environment Programme, 6-8 October 2016, New Delhi.

7. **Meena Kapahi** and Dr. Sarita Sachdeva; oral presentation entitled "From Mycelia to Mushrooms: Nutritional and Medicinal Benefits for Health and Well-being in the "Third International Conference on Occupational & Environmental Health" organized by National Institute of Health and Family Welfare, Deptt. of Community Medicine, Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi at National Institute of Health and Family Welfare, New Delhi on 23rd - 25th September, 2016.
8. **Meena Kapahi** and Dr. Sarita Sachdeva; Poster presentation entitled Biosorption of Cadmium: A Comparative Assessment of Fruit and Spent Mushroom Substrate of Oyster Mushroom (*Pleurotus florida*) in the powder form in the 8th International Conference on Mushroom Biology and Mushroom Products organized by World Society for Mushroom Biology and Mushroom Products (WSMBMP), Directorate of Mushroom, Solan and Mushroom Society of India, from 19th to 22nd November, 2014, New Delhi, India.

B: Department of CST and Management and Commerce are involved in the interdisciplinary work on determining the information contents of the data warehouse to be

Research work is on determining the information contents of the data warehouse to be. The work aims to elicit business indicators from organization decision makers, where business indicators are the measures/metrics for specifying the desired performance level of work unit/area.

List of Publications:

1. Prakash Naveen, Bhardwaj Hanu, "Early Information Requirements Engineering for Target Driven Data Warehouse Development", PoEM 2012, November 7th – 8th, Rostock, Germany Sandkuhl, U. Seigerroth, and J. Stirna (Eds) LNBIP 134, Springer, pp. 188-202 (2012).
2. Prakash Naveen, Bhardwaj Hanu, "Functionality for Business Indicators in Data Warehouse Requirements Engineering", MoBid 2013, November 11-13, Hongkong, in conjunction with ER2013.

3. H Bhardwaj, N Prakash, "Eliciting and structuring business indicators in data warehouse requirements engineering", *Expert Systems* 33 (4), 405-413, 2016.

C: Purification and Characterization of Biodiesel Feedstock using Organic Adsorbents and efficiency testing of the same on Diesel Engines, an interdisciplinary work involving Department of Chemistry and Mechanical Engineering.

The work compares the efficiency of different organic adsorbents among each other as well as with traditional wet purification technique for the removal of impurities from *Jatropha curcas* based transesterified biodiesel. Some natural adsorbents and biosorbents, effective in the removal of heavy metals from waste water have also been used under the similar conditions optimized with organic adsorbents. The adsorbents were also characterized through Scanning Electron Microscopy (SEM) and Energy Dispersive Spectroscopy (EDS) for studying the changes in morphology before and after their use. Efficiency of the purified biodiesel was tested on the compression ignition (C.I.) engine by comparing its performance with diesel.

List of Publications:

1. Sangita Banga, Dr. Pradeep Varshney, Naveen Kumar "Purification of *Jatropha curcas* Based Biodiesel by Dry Washing, Using Banana Peel and Mushroom Powder as Natural Adsorbents" *Biofuels* by Taylor & Francis, Vol. 6, Nos. 5-6, 2015, pp. 261-267.
2. Sangita Banga, Dr. Pradeep Varshney, Naveen Kumar "Optimization of Parameters for Purification of *Jatropha curcas* Based Biodiesel using Organic Adsorbents" *International Journal of Renewable energy & research*, Vol 4, issue 3, 2014 p. 598-603.
3. Poster Presentation at International symposium on Green Chemistry & chromatographic sciences organized by ISAS in Jan 2012 on "Comparison of organic adsorbents for the removal of impurities from the biodiesel" "International Workshop on Green Initiatives in Energy, Environment & Health" organized by Green Chemistry center of Excellence, Royal society of Chemistry, Delhi University & TERI on 2nd & 3rd Dec, 2013.

4. Sangita Banga, Dr. Pradeep Varshney, Naveen Kumar “Biodiesel Purification using organic adsorbents: A preliminary Study.” Journal of Biofuels, Vol 3(2), Dec 2012 p. 112-118.
5. Sangita Banga, Dr. Pradeep Varshney, “Effect of Impurities on the Performance of biodiesel. A Review” Journal of Scientific & industrial Research, Vol 69, August 2010p. 575-579.

D: Interdisciplinary Research (ECE, Management and Environment) on EOL Management of E-Waste from Mobile Phones through take Back Schemes & Refurbishing.

In view of the magnitude of the e-waste problem, the researcher ventures into looking at the situation surrounding the end-of-life management of mobile phones. To date, the lifetime of second-hand products has not been investigated empirically. Special mention is due to mobile phones, since they are nowadays one of the few electronic products that have a large secondhand market, even more of them being re-used than recycled.

List of Publications:

- Sanjana Malhotra, ‘Mobile Phones Take Back Schemes: A Comparative Study of Sustainable Practices in Developed Countries & India’. South Asian Symposium on Sustainable Development Goals (SDGs), 2016 – ‘Sustainable Consumption and Production’ from 6th – 8th October 2016 at New Delhi; organized by Teri University.
- Sanjana Malhotra, ‘Addressing the challenge of sustainable electronic waste management’ presented in the conference and accepted for publication in Conference Proceedings, International Conference on ‘Smart Cities in Smart Regions – 2016’ at Lahti University of Applied Sciences, Finland from 10th to 12th May, 2016.

E: Mechanical Engineering Department: List of interdepartmental research publications (role of mechanical, computer, chemical science).

1. Pramod Yadav; Ajay Kumar Agarwal’ “Reverse Engineering on Process Cycle Time in a Medium Scale Industry – Data Anthology”, UGC approved & Thomosn Reuters (Researcher ID: N-9681-

2016) Indexed International Journal for Research in Applied Science & Engineering Technology (IJRASET) [ISSN: 2321-9653], SJ Impact Factor: **6.887**, ISRA Journal Impact Factor: **4.895**, Volume 5, Issue X1 (November 2017), pp. 196-202.

2. Pramod Yadav; Ajay Kumar Agarwal, "Reverse Engineering on Process Cycle Time in a Medium Scale Industry – Literature Review", International Journal of Research In Science & Engineering (IJRISE) – Impact Factor: **4.532** [E-ISSN: 2394-8299, P-ISSN: 2394-8280] Issue 1, Volume 3 (March, 2017) pp. 402-410.

Interdisciplinary Work with UG Students resulting in Student Participation in National and International Competitions:

- GiveYour Wings to the PinkBin - It is the project involving design and development of a smart dustbin which can contain sanitary waste in hygienic manner till its final disposal to reduce solid waste pollution and to ensure safety of the people handling sanitary waste. Akanksha Ahuja (B.Tech. CSE 8thsem), presented the work in the Global Science, Technology & Innovation Conference (G-STIC) 2017 under the supervision of Prof. (Dr.) B.M. Bahal and Ms. Meena Kapahi. Akanksha emerged as the overall winner and was invited to participate in G-STIC 2017 (Brussels, 23rd to 25th October, 2017) where she also presented her idea in the plenary session. She was highly appreciated for the innovative work.
- Klodo is a phone application uniting donors, volunteers and recipients, and empowering communities to use their existing resources in a new paradigm that's more effective and more efficient than anything before. Klodo is a world-changing application crafted by an unapologetically-passionate team that has been developed using the latest research in modeling, artificial intelligence and real-time decision making. It navigates the complex variables of the real world to move clothes incredibly fast and dead simple for the end-user. Along with helping the poor and the related organizations and proper utilization of the discarded clothes, the environment degradation and global warming can be prevented by the limiting the use of the discarded textiles for landfills to a great extent. People in the 21st century where exists a hype of technology and digitization team wish to take the concept of cloth donation online so as to involve more and more people, provide convenience to the citizens and contribute towards a Digital India. Team Cronos (Aakash Lohan,

Anjan Kar & Rahul (ECE), Himanshee Bhadana (IT)) won Microsoft Imagine Cup 2016 National Finals 2nd position & was shortlisted among the Finale of Yahoo Accenture innovation Jockey Season 5.

- Manavue is a multi-utility wearable haptic device for the blind. The device can be used to read printed text and also helps the blind move around freely in a complex environment. It comes with a mobile application which has integrated Cortana so as to enable the blind to have access to technology and smart phones. The team EYELUMINATI (Roopam Sharma (CSE), Akshita (CSE), Neeraj (ECE)) won 1st Position in Microsoft Imagine Cup 2015 National Finals represented the Country in International Finals Held at Seattle.
- Team "Techspirits", A Four Member Team (Abhijeet Singh, Tarun Singh and Vansh Mudgil from B.Tech, Mechanical Engineering, 2013-17 Batch) was ranked in top 24 out of 1680 teams from across the World and reached the Semifinals in Valeo Innovation Challenge-2017, A competition by a well-known Paris based Automotive Company "Valeo". They also received a grant Of €5,000 from Valeo for this Project.
- From Agro-Wastes to a Sustainable income- An alternative solution is proposed where a bioconversion of paddy/wheat crop residues is used for cultivation of the nutrient-rich Oyster mushrooms through a simple and low-cost technology. Akanksha Ahuja, under the mentorship of Prof. (Dr.) B.M. Bahal and Ms. Meena Kapahi, was selected as semi-finalist in the competition "MIT Climate colab 2017" presenting the project "From Agro-Wastes to a Sustainable income".
- RespirON (Team Dexters- Shanu, Ajay Kumar Saini, Shubham Goel and Roshit Gopinath) provides a great and personalized tool to better understand asthma, and help you and your physician to come up with the best plan on how to manage it thus helping you to live a healthy and active life by properly managing it. It has two main components, the device and Smartphone application with following features- Medication reminder, out of range alarm, find device button, puff counter and panic button. The project won 1st position in the Microsoft Imagine Cup 2014, India Finals.
- MovAid is world's first complete personalized solution to measure and monitor the recovery or rehabilitation of any individual after undergoing any orthopedic trauma, surgery, injury or joint replacements. The solution provides a platform which helps create a network of caretakers and patients, empowering both in many ways with real-time data and new insights into the rehabilitation

process. The Team Path Finders (Prashant Gupta, Piyush Verma, Pritam Singh and Jehi Jha) won 2nd position in the Microsoft Imagine Cup 2014, India Finals.

- Smart skull is an automatic alert system that provides alerts for the victim's relatives and emergency numbers, in case of accident so that the victim receives emergency medical care in time. It also features an audio navigation system as well as wireless calling. The Team Techno Planet (Vimish Madaan, Saurabh Kanwar, Nikhil Dalmia and Ankit Sachdeva) won 3rd position in the Microsoft Imagine Cup 2014, India Finals.
- A savior suit is a wearable sonic device used to immobilize an attacker without causing serious or permanent injury. It can be used as a deterrent to temporarily disable an attacker and provide you with a window of opportunity to escape to safety. Using a savior suit requires you to be within 2.5 meters of the attacker (Team Benefactor- Neha Valecha, Pragya Luhaniwal, Shefali Yadav)
- Med check Device ensures that whether right medicine is taken at right time or not. Med check device is a medication management device that signifies a time when the old-fashioned "pill box" meets the 21st century. Stylish and sleek, this medication organizer will alert you to take your next dose of medications with an audible sound voice alert, a unique visual LED-lighting system and with vibrations (Team Iconoclast- Hardik Garg, Anshu Goyal, Ashu Jain and Mayank Dawar)

EXTERNALLY FUNDED PROJECTS

Department	Coordinator	Year	Program	Amount (In Rs.)	Sanctioning Authority
ME	Dr. O.P. Chawla	2007	Staff Development Program Renewable Energy	2.00 lac	AICTE
Chem	Dr. K.G. Varshney	2007	Staff Development Programme on Environmental Impact Assessment	2.00 lac	AICTE
CSE	Dr. Suresh K Babbar	2008	National Conference on Future Trends in Software Development 2008	1.25 lac	AICTE
MBA	Dr. Sudhir Sachdev	2008	Faculty Development Programme for Academics Excellence	2.00 lac	AICTE
ME	Dr. B.B.Bansal	2008	Staff Development Programme	2.00 lac	AICTE
ECE & MBA	Col. J.C.Mehta / Ms. Pragati Chauhan	2011	Entrepreneurship Development Cell	8.00 lac	AICTE (2012-13)
CSE	Mr. Deepak Sharma	2012	Staff Development Programme IT for Modelling & Executing Business process	4.00 lac	AICTE
Phy	Dr. D.K. Sharma	2012-14	Research Promotion Scheme (RPS) Ionospheric Response to Seismic Activity	5.00 lac	AICTE(2014)
ME	Dr. Sujata Nayak	2015	Solar Radiation: Green Option for Energy (FDP)	5.00 lac	AICTE(2015)

INTERNALLY FUNDED PROJECTS

Completed in 2014

Department	Title	Principal Investigator
PHY	Synthesis of Nanoparticles via Bio-chemical Route and their characterization	Ms. Pritis Singh
CHEM	Removal of Heavy Metals and Fluoride from Water using Nano-structures	Dr. Megha Mittal
ME	a) Conversion of Diesel Engine to Dual Fuel mode (CNG/LPG/BIOGAS) b) Conversion of Diesel Engine to 100% gas engine (CNG/LPG)	a).Dr. G.P.Govil & Abhishek b) Dr. G.P Govil, & Mr. Sanjay Taneja
ME	Design of an integrated photovoltaic/ Thermal (PV-T) based solar dryer	Dr. Sujata Nayak
MBA	A Study of Human Resource Accounting: Current Status in India	Dr. Pooja Gupta & Ms. Rekha Sachdeva
ECE & MBA	Entrepreneurship Development Program	Col. J.C. Mehta & Ms. Pragati Chauhan
CSE	SDP on IT for Modelling and Executing Business Processes	Mr. Deepak Sharma & Dr. Naveen Prakash
PHY	Solar Powered Electric Supply of 600 Volt-Amps	Dr. B.M. Bahal

2014-2016

Department	Title	Principal Investigator
CHEM	Microwave assisted Rapid and Efficient Synthesis of Heterocyclic Compounds and their Antifungal Activity	Dr. Megha Mittal
PHY	Applications of Solar Luminescence in PV/Thermal Systems	Dr. B. M. Bahal, Dr. V.V. Tyagi & Dr. D.K.Sharma
CSE	Academic Decision Support System	Ms. Hanu Bhardwaj
ME	Estimation of Biosorption capacity of Pleurotus spp. For cadmium	Ms. Meena Kapahi
CHEM	Treatment of Water using Banana Peel	Dr. Saru Gupta
ME	Application of Artificial Intelligence Techniques to Minimize The Occupational Health Hazards in Welding Industry	Mr. Ajit & Prof. R.P. Sambhi
ME	Purification and Characterization of Biodiesel Feedstock using Dry Purification Techniques	Ms. Sangita Banga
CHEM	Adsorption Studies of Organic Food Dyes as Eco-Friendly Industrial Corrosion Inhibitors for Mild Steel in Acidic Media	Dr. S.K. Shukla

INTERNALLY FUNDED-(INDUSTRY BASED APPLICATIONS) PROJECTS 2016-17

Project 1

1. Title of the project : Biological and microbiological degradation of textile azo dyes from water
2. Brief scope of the project : Collection of microbial strain and assessing their efficacy for the removal of dyes from the waste water
3. Sponsoring agency : Manav Rachna University
4. Duration of the project : 3 years
5. Cost of the project in Rs. : 2.35 lakhs
6. Name of the principal investigator : Dr. Megha Mittal

Project 2

1. Title of the project : Design of CRLH EBG metamaterials for X, Ku band
2. Brief scope of the project: Design of metamaterial and the loss component of permittivity and magnetic permeability to create a material that has a high ration of electromagnetic radiation absorption.
3. Sponsoring agency : Manav Rachna University
4. Duration of the project : 3 years
5. Cost of the project in Rs. : 4.50 lakhs
6. Name of the principal investigator : Dr. Y.K.Awasthi

Project 3

1. Title of the project : Synthesis and characterization of multiferroic materials
2. Brief scope of the project : Multiferroic materials can be used for ferroelectric memory applications
3. Sponsoring agency : Manav Rachna University
4. Duration of the project : 3 years
5. Cost of the project in Rs. : 3.25 lakhs
6. Name of the principal investigator : Dr. Jai Prakash

Project 4

1. Title of the project : Theoretical study of different molecules and atomic clusters
2. Brief scope of the project : Theoretical study of different molecules and atomic clusters at nanoscale
3. Sponsoring agency : Manav Rachna University
4. Duration of the project : 3 years
5. Cost of the project in Rs. : 2.4 lakhs
6. Name of the principal investigator : Dr. Haider Abbas

Project 5

1. Title of the project : Wide band and multiband planer antennas for wireless communication and medical applications
2. Brief scope of the project : This work is related to biomedical imaging social security and mobile communication
3. Sponsoring agency : Manav Rachna University
4. Duration of the project : 3 years
5. Cost of the project in Rs. : 3 lakhs
6. Name of the principal investigator : Dr. Y.K.Awasthi

Project 6

1. Title of the project : Fabrication and Characterization of a organic polymer P3HT:CdSe quantum dots hybrid solar cell by incorporating carbon nanotubes
2. Brief scope of the proposed project : The proposed work is related to fabrication and characterization of hybrid solar cell of high efficiency
3. Sponsoring agency : Manav Rachna University
4. Duration of the project : 3 years
5. Cost of the project in Rs. : 3.0 lakhs
6. Name of the principal investigator : Dr. Shiv Kumar Dixit

Project 7

1. Title of the project : To study the ionospheric temperature (Electron and ion temperature) and ion density response to solar flares and geomagnetic storms
2. Brief scope of the project: The understanding, monitoring and forecasting changes in the ionospheric parameters are of crucial importance to communication and the exploration of near earth space.
3. Sponsoring agency : Manav Rachna University
4. Duration of the project : 3 years
5. Cost of the project in Rs. : 2.4 lakhs
6. Name of the principal investigator : Dr. D.K.Sharma

Project 8

1. Title of the project : Drinking water quality: monitoring and remediation
2. Brief scope of the project : The consumption of water containing pathogenic organism/toxic chemicals / the use of inadequate volumes of water results in poor hygiene and poses serious risks to human health
3. Sponsoring agency : DST
4. Duration of the project : 3 years
5. Cost of the project in Rs. : 3.0 lakhs
6. Name of the principal investigator : Dr. Jyoti

Project 9

1. Title of the project : Development of new corrosion inhibitors
2. Brief scope of the proposed project: A significant part of the proposed project is to reduce cost by using inhibitors. In industry inhibitors are used in many system such as cooling system, refinery unit, pipeline etc.
3. Sponsoring agency : DST
4. Duration of the project : 3 years
5. Cost of the project in Rs. : 2.5 lakhs
6. Name of the principal investigator : Dr. S.K.Sukla

Project 10

1. Title of the project : Fabrication and characterization of a organic polymer PCDTBT:CdSe quantum dots hybrid solar cell by incorporating graphene/graphite nanomaterials
2. Brief scope of the project: Proposed project is to fabricate and characterize hybrid solar cell by incorporating graphene to achieve high efficiency
3. Sponsoring agency : DST
4. Duration of the project : 3 years
5. Cost of the project in Rs. : 3.5 lakhs
6. Name of the principal investigator : Dr. Shiv Kumar Dixit

Project 11

1. Title of the Project: Fabrication and characterization of a organic polymer PCDTBT:Graphene: CdSe quantum dots hybrid solar cell by incorporating grapheme nanomaterials
2. **Objectives:** The objective of the proposed work is to develop polymer: Graphene :CdSe/ZnS QDs based stable and efficient hybrid solar cell. To develop suitable structures for stable photovoltaic devices using environment friendly processing techniques, the morphology of the spin coated film will be examined using AFM, TEM and SEM.
3. **Principal Investigator** : Dr. Shiv Kumar Dixit
4. **Co-Investigator** : Dr. B.M.Bahal
5. **Financial Assistance granted** : 12.45 lakhs
6. **Expected deliverables/outcome**
 - a) **Technical Documents:** Details of methodology and results will be prepared in the form of report and will be submitted to ManavRachna University.
 - b) **Research Papers:** Research papers based on the work done in the project will be published in international journals.
 - c) An efficient and stable prototype solar cell device will be fabricated and characterized.

Research Publications:

1. Improving the performance of MEH-PPV based light emitting diode by incorporation of graphene nanosheets Neetu Prasad, Inderpreet Singh, Anita Kumari, Devinder Madhwal, Shikha Madan, Shiv Kumar Dixit, P.K.Bhatnagar, P.C.Mathur Journal of Luminescence 159 (2015) 166–170.
2. Effect of Annealing on the Performance of PCDTBT:PC₇₁BM Bulk Heterojunction Photovoltaic Devices. Shiv Kumar Dixit, Chhavi Bhatnagar, Anita Kumari, Shikha Madan, Amandeep Kaur, P. K Bhatnagar, P. C Mathur, C. S Bhatia (communicated).
3. Shiv Kumar Dixit and Haider Abbas, Nitika “Excited State and Charge Transfer Dynamics in Organometal Halide Perovskite CH₃NH₃PbI₃: First-Principles Study” (communicated).

Educational Programmes:

Promotion of Educational Program has been a continuous process in the University. In order that faculty of the Manav Rachna University is benefitted several activities are organized such as Workshop, conference, Faculty Development Program, Invited lectures etc. Given below is the list of such activities.

Conference/Workshops Organized 2018

1. Babita Parashar (Convenor). Three day workshop on “**Character Building and Capacity Development**” from January 23-25, 2018. The workshop was jointly organized by Manav Rachna University and Shiksha Sanskriti Uthan Nyas. delegates: 300
2. Babita Parashar and B.Ed Students organized One day workshop on “**Art and Craft**” for Government School Art Teachers on March 28, 2018.
3. Babita Parashar (Organising Secretary) organized a One Day Workshop for Government School Principals on “**Strategic planning and school management**” on April 7, 2018.
4. Babita Parashar organized One Day Guest Workshop on “**Games: A pedagogical tool**” for B.Ed and M.Sc.(Mathematics) students on March 23, 2018.
5. Rashee Singh and Ridhi Khanna organized “**World Autism Awareness day**” on April 10, 2018. The event was jointly organized by Faculty of Education and Society for Advanced Studies and Rehabilitation.
6. Jasmeet Kaur organized One Day Guest Workshop on “**Puppetry**” for faculty and students at Department of Education, MRU on March 19, 2018.

Conference/Workshops Organized 2017

- 1. Ms. Hanu Bhardwaj, organized a one day Workshop on “Agile Methodology”** for faculty members of CST, MRU and FET, MRIU on 10-03-1017, the guest of honor for the session was Mr. ParvinderBajwa, Accenture.
- 2. Ms. Hanu Bhardwaj, organized a one day Workshop on “ PHP Web Development”** for faculty members of CST, MRU on 18-03-1017, the guest for the session Mr. SumitChoudhary, Venture7 Technology Pvt. Ltd.
- 3. Niharika Thakur. Organized a One day Workshop on “PLC Programming and Applications”** for Faculty members and Staff members of ECE Department MRU on July 17, 2017.
- 4. Niharika Thakur. Organized a Three day Workshop on “Renewable Energy Sources, GIS & Remote Sensing, E Commerce & Android Applications”** for students of ECE Department , MRU from March 27-29, 2017.

Conference/Workshops Organized 2017

1. Joginder Singh, organized weekend workshop on “CATIA Software” for the faculty and students of Manav Rachna University and Manav Rachna International University from 21-Jan-2017 to 18-Feb-2017.
2. Joginder Singh, Member of Organizing Committee at the national conference on “EMANATIONS OF SUSTAINABLE TECHNOLOGIES IN ENGINEERING, SCIENCE, MANAGEMENT AND EDUCATION (ESTESME-2017), 01 April, 2017.
3. Joginder Singh, organized a one day workshop on “MOULD MANUFACTURING BY COMPOSITE MATERIAL” for the students only of Manav Rachna University and Manav Rachna International University on 25-Sep-2017.

2016

1. Y.K. Awasthi (Convener). **National Conference on Emerging Trends & Innovation in Electronics and Telecommunication Engineering, 28, June 2016 at MRU, Faridabad** in association with IIT, Delhi and IETE.
2. Ajay Kumar Agrawal. Organized a **One day Workshop on “Hands on Training and Servicing of the Profile Projector”** for Faculty members and Staff members of ME Workshop of the Department of ME, MRU on Feb. 20, 2016.

2015

1. A. K. Gupta (Organizing Secretary), Megha Mittal (Convener): **International RSC Workshop on ‘Chemistry for Tomorrow’s World’ from December 2 - 3, 2015 at New Delhi.** The workshop was jointly organized by Manav Rachna University, Faridabad, Green Chemistry Network Centre (GCNC), Delhi University, and Shiv Nadar University, Greater Noida and supported by Royal Society of Chemistry, London and Indian Oil R&D Centre, Faridabad. (Delegates-120)
2. A. K. Gupta (Organizing Secretary), Megha Mittal (Convener): **International Conference on Green Initiatives in Science and Technology on January 15, 2015** at MRCE, Faridabad in association with GCNC, DU, New Delhi and ISST, Ghaziabad and sponsored by Royal Society of Chemistry, London and Indian Oil R&D Centre, Faridabad.(Delegates-100).
3. SujataNayak (Principal Investigator) **AICTE Sponsored FDP Programme on Solar Radiation: Green Options for Energy, conducted at Manav Rachna University, Faridabad on 11/05/15 to 23/05/15.**
4. **MeenaKapahi.** Convener National Seminar on Climate Change and Disaster Management organized by Manav Rachna Educational institutions (MREI) & the Centre for the Study of Administration of Relief (CSAR) on 18th June, 2016 at MR campus.
5. **Jaideep Singh.** Training Need Analysis”, 20 March-8 May 2015.
6. **Jaideep Singh.** Three Days Workshop on Verbal Communication Skills, 14 May -16 May 2015, conducted by MRASC.
7. **Jaideep Singh.** Faculty Induction Programme, 2-3 July 2015, conducted by MREI.

8. **Jaideep Singh.** Three Days Workshop on Verbal Communication Skills, 14-16 July 2015, conducted by, MRASC.
9. **Jaideep Singh.** Five days workshop for training of Subordinate Staff - Project Navodaya, 29 June- 4 July 2015, conducted by MREI.
10. **ChhaviKulshreshtha.** Conducted FDP on Verbal Communication Skills: Communication at the Workplace with Emphasis on Teaching Learning Process, 14-16 May 2015, Conducted by MRASC.
11. **ChhaviKulshreshtha.** Conducted FDP on Verbal Communication Skills: Communication at the Workplace with Emphasis on Teaching Learning Process, 14-16 July 2015, Conducted by MRASC.

Invited Lectures Delivered 2018

1. Babita Parashar. Invited Lecture on “Case Study: a Pedagogical Tool” at School of Education, Jamia Millia Islamia, New Delhi on March 22, 2018.
2. Babita Parashar. Invited lecture on “Personality Assessment: Non-projective and projective techniques” at National Institute of Open Schooling, New Delhi for D.El.Ed students on April 23, 2018.
3. Babita Parashar. Invited workshop on “Designing an Evaluation Rubric” at Shri Lal Bahadur Shastri Rashtriya Sanskrit Vidyapeeth, New Delhi during a National capacity Building Program on Innovative Practices on February 16, 2018.

Invited Lectures Delivered 2017

1. **D.K. Sharma** delivered invited lecture entitled “The Earth & Sun relationship, the Earth’s atmosphere and its classification.” In DST-NIMAT Sponsored “Entrepreneurship Development Programme” conducted during 27th Nov - 23rd Dec 2017 at Shri Mata Vaishno Devi University, Kakryl, Katra.
2. **D.K. Sharma** delivered invited lecture entitled “Solar Spectrum, Solar Radiation – II (role of the solar radiations on the atmosphere).” In DST-NIMAT Sponsored “Entrepreneurship Development Programme” conducted during 27th Nov - 23rd Dec 2017 at Shri Mata Vaishno Devi University, Kakryl, Katra.

3. **D.K. Sharma** delivered invited lecture entitled “Ionosphere and its formation.” in DST-NIMAT Sponsored “Entrepreneurship Development Programme” conducted during 27th Nov - 23rd Dec 2017 at Shri Mata Vaishno Devi University, Kakryl, Katra.
4. **D.K. Sharma** delivered invited lecture entitled “Solar phenomena and their effects on ionosphere.” in DST-NIMAT Sponsored “Entrepreneurship Development Programme” conducted during 27th Nov - 23rd Dec 2017 at Shri Mata Vaishno Devi University, Kakryl, Katra.
5. **D.K. Sharma** delivered invited lecture entitled “Atmospheric phenomena and heat radiation budget.” In DST-NIMAT Sponsored “Entrepreneurship Development Programme” conducted during 27th Nov - 23rd Dec 2017 at Shri Mata Vaishno Devi University, Kakryl, Katra.
6. **D.K. Sharma** delivered invited lecture entitled “Atmospheric aerosols and their impact on climate.” In DST-NIMAT Sponsored “Entrepreneurship Development Programme” conducted during 27th Nov - 23rd Dec 2017 at Shri Mata Vaishno Devi University, Kakryl, Katra.
7. **Meenakshi S Sharma** delivered invited lecture entitled “Paradigm shift in engineering education.” In Allen Kota 16 Dec 2017.

2016

1. **MeenaKapahi**. Lecture cum workshop on ‘Oyster Mushrooms: Waste to Taste’, in NTTR sponsored One Week Short Term Course on Environment, Development and Sustainability (4 July - 8 July 2016) on 5th July, 2016 organized by Department of Humanities and Sciences, YMCA University of Science and Technology, Faridabad.
2. **A. K. Gupta**. Invited Lecture on “Technological Advancements & their impact on Environment” organized by ECO Club, MRU for B.Tech. and B. Sc. students on 4th May, 2016.
3. **BinduAgrawal**. Resource Person for “Awareness Campaign on Entrepreneurship”: Invited by Acharya NarendraDev College, Delhi University, New Delhi, for Workshop on 6th April 2016.
4. **BinduAgrawal**. Resource Person for Workshop on Innovation and Entrepreneurship: Invited by JamiaMillialIslamia, Central University, New Delhi, for Workshop on 15th March 2016

5. **SujataNayak.**Invited Lecture, TOPIC- Performance Evaluation of an integrated Hybrid Photovoltaic-thermal and Earth air heat Exchanger Greenhouse system” on National Conference: Recent Developments in Science and Technology at Lingaya's GVKs Institute of Management & Technology on May 28,2016.
6. **SujataNayak.** Invited Lecture, TOPIC- “Solar energy applications for greenhouse system”.Environment, Development & sustainability at YMCA University of Sc. & Tech.on July 4-8,2016.
7. **MeenaKapahi.** Lecture cum workshop on ‘Oyster Mushrooms: Waste to Taste’, in RMS Risk Management Solutions India Pvt. Ltd., Noida, 20th July, 2016 during Green Week Celebrations.
8. **BabitaParashar.** A Resource Person with SWAYAM-PRABHA DTH channel on Teacher Education. A MHRD-Government of India Project from August, 2016 onwards
9. **Ms. Kamal Gulati Manwani,**Vidya School, Gurgaon. Workshop on being an inspiring teacher for Primary, Middle and Senior school teachers. 30th January, 2016.
10. **Ms. Kamal Gulati Manwani,**Soami Nagar, Pre-Primary School. Workshop on Child and Sexual abuse for pre-primary students and training programme for their teachers. 29th April, 2016.

2015

1. **Meenakshi S. Khurana,** “4A’s to enhance Emotional literacy in school children, August 4, 2015. National Summit of School Principals, India Habitat Centre, Organized by ICTRC
2. **SachinLakra,** “Doing Research Work and Publishing Papers”, 12/Dec/2015, Chirala Engineering College, Chirala, Andhra Pradesh, India.
3. **A. K. Gupta.** Invited Lecture on “Recent Advances in Bio-Fuels” at National Conference on Recent Innovations in Applied Sciences & Humanities (NCASH-2015), Rawal Institute of Engineering & Technology, Faridabad on October 10, 2015.
4. **A. K. Gupta.** Chaired a Technical Session on “Nano and Environmental Chemistry”at National Conference on Recent Innovations in Applied Sciences & Humanities (NCASH-2015), held at Rawal Institute of Engineering & Technology, Faridabad on October 10, 2015.

5. **Sangita Banga.** Delivered a Lecture on “Biodiesel Production & Purification” during the AICTE sponsored Faculty development programme on “Solar Radiations; Green Options for energy” organized at MRU from 11th May to 23rd May 2015.
6. **Bindu Agrawal.** Session Chair at "The Luncheon Symposium", University of Tennessee on Project Clean Cycle, on 23rd Sep 2015
7. **Bindu Agrawal.** Guest lecture to Undergraduate and Postgraduate students at University of Tennessee on the topic of "Building Social Entrepreneurship", 21st & 22nd Sep 2015.
8. **Sujata Nayak.** Chaired session at TEQIP-II Sponsored National Conference at UIET, MDU Rohtak-124001, Haryana on Nov.20-21st, 2015
9. **Sujata Nayak.** Invited Lecture, TOPIC- “Application of Hybrid Photovoltaic-thermal and Earth air heat Exchanger Green house system” on AICTE Sponsored QIP Programme at CES, IIT Delhi Programme on 8th May, 2015
10. **Meena Kapahi.** ‘Green Entrepreneurship’ in AICTE sponsored Faculty Development Programme on Solar Radiations: Green Options for Future, ME, MRCE, 11th -23rd May, 2015.
11. **Meena Kapahi.** ‘Let’s Go Green’, Education Expo (by DainikJagran) Faridabad on 29th-30th May, 2015.

Conference/Workshops/Seminar/FDP/QIP Attended:

1. FDP attended by Joginder Singh on “SOLAR RADIATIONS:GREEN OPTIONS FOR ENERGY”, 11-23 May, 2015, in Manav Rachna Campus, Faridabad, Sponsored by AICTE.
2. FDP attended by Joginder Singh on “SELF DISCOVERY AND GOAL SETTING”, 28 Aug, 2015, in Manav Rachna Campus, Faridabad.
3. QIP attended by Joginder Singh on “MAKE IN INDIA: INNOVATIVE PRODUCT DESIGN”, 14-18 Dec, 2015, at IIT, Delhi.
4. FDP attended by Joginder Singh on “SAKSHAM-IT CHAMPION TRAINING PROGRAM”, 02-03-March, 2016, in Manav Rachna Campus, Faridabad, organized by Microsoft.

5. FDP attended by Joginder Singh on “PRIME MINISTER’S SCHEME-ZED (ZERO DEFECT & ZERO EFFECT MANUFACTURING)”, 08 Nov, 2016, in Manav Rachna Campus, Faridabad, organized by MSME.
6. FDP attended by Joginder Singh on “HOW TO HANDLE STRESS AMONG STUDENTS”, 07 July, 2017, in Manav Rachna Campus, Faridabad.
7. FDP attended by Joginder Singh on “TECHNOLOGY OF I-POD”, 17 Feb, 2018, in Manav Rachna Campus, Faridabad.
8. Seminar attended by Joginder Singh on “DESIGN CLINIC SCHEME”, 21 Feb, 2018, at THE ATRIUM, SHOOTING RANGE ROAD, FARIDABAD, 121001, organized by MSME.
9. Workshop attended by Joginder Singh on “REVERSE ENGINEERING”, 18 April, 2018, at K R MANGALAM UNIVERSITY, SOHNA-GURGAON ROAD.

Certification:

1. Joginder Singh got the certification from Dassault System for “CATIA Part Design Software” on 30 Jan 2010.
2. Joginder Singh got the certification from EDX for Engineering Simulation Software on 9 Oct 2017.

Educational Program for Underprivileged: 2018

1. Faculty of Education organized a Campus Tour followed by counseling session for 150 government School Students on March 24,2018 under Skill Development Initiatives

Adoption of Mohna Village by O P Bhalla Foundation: MRU Faculty members and Students are participating and conducting various academic activities/ subject classes/cultural activities/computer classes regularly.

CONSULTANCY WORK

1. FACULTY DEVELOPMENT PROGRAM ON PYTHON PROGRAMMING (15th – 17th May 2018)

Department of Computer Science and Technology, MRU, organized a Faculty Development Program on Python Programming from 15th–17th May, 2018 for Computer Teachers of Schools of Faridabad & NCR. The FDP aimed to acquaint the participants with Python language and make them comfortable with the new curriculum prescribed by CBSE for Class XI and XII.

Trainers for the FDP were Prof. Hanu Bhardwaj (HoD-CST); Prof Jyoti Pruthi (Assoc. HoD-CST); Prof. Mamta Arora (Technical Coordinator). The FDP was organized by Dr. Mrinal Pandey (Assistant Professor, CST) & Ms. Bharti Jha (Assistant Professor, CST).

FDP started with an ice-breaking session of introduction of trainers and participants. Participants were apprised about the capabilities and applications of Python. The FDP covered the basics of Python programming, Control Structures, Data Structures, Functions, Modules, Packages and Exception Handling. The three days sessions were very interactive and loaded with hands-on, quizzes and assignments to get the complete understanding of the topics delivered. There were certain energizing activities conducted in-between the sessions to create an amiable environment for the learners.

FDP was a great success in which 10 participants from various schools of NCR and Faridabad participated with full enthusiasm.

The participants were facilitated with participation certificate and a token of appreciation by Prof. (Dr.) Sanjay Srivastava (Vice-Chancellor-MRU); Prof. (Dr.) Sangita Banga (Director Student Welfare); Prof. Jaideep Singh (Director Industry Interaction). The consultancy amount provided by schools is Rs. 25000/- .

S.No.	Name of Candidate	School
1	Sapna Gupta	Delhi Public School, Sector 45, Gurgaon
2	Anjali Balana	Delhi Public School, Gurgaon
3	Sanyogita Arora	Carmel convent
4	Anita Gupta	Jawahar Navodaya Vidyalaya
5	Kanika Sharma	Manav Rachna International School, Sec-14, Faridabad
6	Paramita	Manav Rachna International School, Sec-14, Faridabad
7	Priyanka Shivrain	The Shri Ram School
8	Narinder Kaur	Delhi Public School, Faridabad
9	Ankush Mehta	DPS Faridabad
10	Prachi Malhotra	St. Grand Columbus

2. FACULTY DEVELOPMENT PROGRAM ON PYTHON PROGRAMMING (5th – 7th April 2018)

Department of Computer Science and Technology, Manav Rachna University organized a Faculty Development Program on Python Programming from 5th – 7th April, 2018 for Computer Teachers of Manav Rachna International Schools. The FDP aimed to acquaint the participants with Python language and make them comfortable with the new curriculum prescribed by CBSE for Class XI and XII.

Trainers for the FDP were Prof. Hanu Bhardwaj (HoD-CST); Prof Jyoti Pruthi (Associate.HoD-CST); Prof. Mamta Arora (Technical Coordinator). The FDP was organized by Dr. Mrinal Pandey (Assistant Professor, CST) & Ms. Bharti Jha (Assistant Professor, CST).

FDP started with a ice-breaking session of introduction of trainers and participants. Participants were apprised about the capabilities and applications of Python. The FDP covered the basics of Python programming, Control Structures, Data Structures, Functions, Modules, Packages and Exception Handling. The three days sessions were very interactive and loaded with hands-on, quizzes and assignments to get the complete understanding of the topics delivered. There were certain energizing activities conducted in-between the sessions to create an amiable environment for the learners.

FDP was a great success in which 16 participants from Manav Rachna International schools from Faridabad, Gurugram and Noida participated with full enthusiasm. CST Team members were appreciated

and percipients were acknowledged for their involvement in the learning process by Prof. (Dr.) Sanjay Srivastava (Vice-Chancellor-MRU); Prof. (Dr.) Meenakshi S. Khurana (Pro Vice-Chancellor); Ms. Goldy Malhotra (Director MRIS Academic Administration). The consultancy amount provided my MRIS is **Rs. 32000/-**.

S.No.	Name of Candidate	School Branch
1	Paramita Chakraborty	MRIS-14, Faridabad
2	Kanika Sharma	MRIS-14, Faridabad
3	Sulakshna Mehta	MRIS-46, Gurugram
4	Sonia Sharma	MRIS-46, Gurugram
5	Iqbal Kaur	MRIS-51, Gurugram
6	Richa Chopra	MRIS-14, Faridabad
7	Shikha Jindal	MRIS-14, Faridabad
8	Shravani Prakash	MRIS, Noida
9	Shalini Vaid	MRIS-21-C, Faridabad
10	Pooja Kukraj	MRIS-21-C, Faridabad
11	Sakshi Bhandari	MRIS, Noida
12	Preeti Taneja	MRISCW
13	Srishti Gulati	MRISCW
14	Geetika Luthra	MRISCW
15	Rakhi Garg	MRIS Noida
16	Sarika Rahul Chopra	MRIS14

3. MANAGEMENT DEVELOPMENT PROGRAM ON SALES AND NEGOTIATIONPROGRAMMING

(25th – 26thJune 2018)

Department of Management and Humanities conducted an MDP for the salespersons of S-CCI India Pvt. Limited, an Indo -Japanese joint venture in Gurgaon, Haryana on various aspects of Selling Process, Distributor Management, Negotiation and Managing Self. A total of 23 and 20 participants benefitted from the MDP on 11th – 12th and 25th – 26th June 2018, respectively. The sessions were conducted by Prof (Dr.).S.R.Singhvi (Senior Professor IMT Ghaziabad), Prof. (Dr.) Rajat Gera (Professor and HoD, Department of Management and Commerce, MRU), Prof. (Dr.) B. Prasad, Prof. (Dr.) Arindom Chatterjee and Prof. Jaideep Singh, Department of Management and Commerce, MRU.

The sessions were well received by the participants. Certificates were awarded by Prof. (Dr.) Sanjay Srivastava (Vice Chancellor, MRU & MD, MREI) and Prof. (Dr.) Meenakshi S Khurana (Pro-Vice Chancellor, MRU).The concluding session was also attended by Prof. Jaideep Singh and Prof. (Dr.) Arindom Chatterjee.The details of the participants are as follows:

S. No.	Location (Batch 1)	Name
1	Gurugram	Mr. Harish Narang
2	Gurugram	Mr. Jeffrey Murze
3	Gurugram	Mr. Vivek Jain
4	Gurugram	Mr. Bhavneet Singh
5	Yamunanagar	Mr. Shantnu
6	Rewari	Mr. Vishal
7	Chandigarh	Mr. Abhishek Rathod
8	Jalandhar	Mr. Raghvir
9	Jammu	Mr. Vipin Kumar
10	Ghaziabad	Mr. Abhishek Tyagi
11	Jaipur	Mr. Kamal Sharma
12	Jodhpur	Mr. Amit Kumar
13	Bhilwara	Mr. Harish Vishnoi
14	Ahmedabad	Mr. Ashish Pant
15	Rajkot	Mr. Nikhil Pujara

16	Indore	Mr. Gautam Verma
17	Indore	Mr. Poonam Chand Mujalde
18	Raipur	Mr. Rajesh Tamrakar
19	Varansi	Mr. Rajeev Kumar
20	Kolkata	Mr. Sourav Sanyal
21	Delhi	Mr. Sanjay Mishra
22	Delhi	Mr. Ajay
23	Delhi	Mr. Himanshu
24	Delhi	Mr. R.K. Kaushik
25	Delhi	Mr. Santosh

S. No.	Team Member (Batch 2)	Headquarter	Team
1	Sumit Bardiya	Pune	S-CCI
2	Rohit Srivastava	Jharkhand	S-CCI
3	Bhiksheshwaran	Coimbatore	S-CCI
4	Shivaji Rao	Bengaluru	S-CCI
5	Josen	Kochi	S-CCI
6	Venkatesh	Vishakhapatnam	S-CCI
7	Praveen Sagar	Hyderabad	S-CCI
8	Ranjith Rubuen D	Chennai (TL)	CP
9	Paarthiban Rajendran	Chennai	CP
10	Naveen F	Bangalore	CP
11	Riyazahmad Nadaf	Hubli	CP
12	Konatham Revanth Reddy	Vijayawada	CP
13	Mohd. Zafarullah	Mysore	CP
14	Dinesh T	Salem	CP
15	Babu Manohar	Pondicherry	CP
16	Subramanian N	Madurai	CP
17	Arun P Raj	Cochin	CP
18	Saurabh Srivastava	Allahabad	CP
19	Akash Tyagi	Noida	CP
21	Chanchal Gandhi	Gurgaon	CP

4. CONSULTANCY ON INTRODUCTION TO INTERNAL COMBUSTION ENGINE TO S-CCI INDIA PRIVATE LIMITED (4th – 6th June 2018 & 8th–20th June 2018)

The Department of Mechanical Engineering, MRU, conducted consultancy program on Introduction to Internal Combustion Engine to S-CCI India Private Limited on 4th- 06th (23 participants) and 8th-20th (20 participants) June 2018. The company manufactures a variety of Lubricants. The consultancy aimed to give a basic knowledge on different supporting systems of an Auto mobile and its functioning like engine, lubrication system, engine oil, transmission system, balancing and the effect of unbalancing on tyres, suspension system and so on. During the same, hands on practice was also done on 4 cylinder diesel engine and 2 stroke petrol engine. The session was graced by Prof. (Dr.) Meenakshi S. Khurana, Prof. (Dr.) Sangeeta Banga (Dean Students), Dr. Sujata Nayak (HoD, ME), Mr. Joginder Singh (Associate HoD) and all the faculty members of the department.

On the first day, sessions on “Introduction to automobile” was conducted, where in participants received the knowledge related to supporting components of an automobile. In the second half, suspension system with hands on practice on 4 stroke 4 cylinder diesel engine and turbocharger was organized. On second day session, participants were explained about the working of internal combustion engine along with the demonstration of the cut section of the engine. The third day comprised of sessions on engine oil, lubrication system and brakes with their functioning and Euro norms. A total number of 45 participants attended the sessions. Participation and appreciation certificates were awarded to the participants and volunteers by Prof. (Dr.) Meenakshi S. Khurana (Pro-Vice Chancellor), Prof. (Dr.) Sangeeta Banga (Dean Students), Prof. (Dr.) Sujata Nayak (HoD ME), Mr. Joginder Singh (Assoc. HoD) & Mr. R.C. Chaturvedi. Consultancy amount provided by SCCI company is **Rs. 1,35,000/-**

The third batch of training is being organized (3-day workshop), on 16th -18th July-2018 on Engines. There will be 22 participants from S-CCI India Pvt. Ltd. Total money generated from this 3-days workshop for 22 participants for **Rs. 66000/-**.

Batch 1

S. No.	Location	Name
1	Gurugram	Mr. Harish Narang
2	Gurugram	Mr. Jeffrey Murze
3	Gurugram	Mr. Vivek Jain
4	Gurugram	Mr. Bhavneet Singh
5	Yamunanagar	Mr. Shantnu
6	Rewari	Mr. Vishal
7	Chandigarh	Mr. Abhishek Rathod
8	Jalandhar	Mr. Raghvir
9	Jammu	Mr. Vipin Kumar
10	Ghaziabad	Mr. Abhishek Tyagi
11	Jaipur	Mr. Kamal Sharma
12	Jodhpur	Mr. Amit Kumar
13	Bhilwara	Mr. Harish Vishnoi
14	Ahmedabad	Mr. Ashish Pant
15	Rajkot	Mr. Nikhil Pujara
16	Indore	Mr. Gautam Verma
17	Indore	Mr. Poonam Chand Mujalde
18	Raipur	Mr. Rajesh Tamrakar
19	Varansi	Mr. Rajeev Kumar
20	Kolkata	Mr. Sourav Sanyal
21	Delhi	Mr. Sanjay Mishra
22	Delhi	Mr. Ajay
23	Delhi	Mr. Himanshu
24	Delhi	Mr. R. K. Kaushik
25	Delhi	Mr. Santosh

Batch 2

S.No	Team Member (Batch 2)	Headquater	Team
1	Sumit Bardiya	Pune	S-CCI
2	Rohit Srivastava	Jharkhand	S-CCI
3	Bhiksheshwaran	Coimbatore	S-CCI
4	Shivaji Rao	Bengaluru	S-CCI
5	Josen	Kochi	S-CCI
6	Venkatesh	Vishakhapatnam	S-CCI
7	Praveen Sagar	Hyderabad	S-CCI
8	Ranjith Rubuen D	Chennai (TL)	CP
9	Paarthiban Rajendran	Chennai	CP
10	Naveen F	Bangalore	CP
11	Riyazahmad Nadaf	Hubli	CP
12	Konatham Revanth Reddy	Vijayawada	CP
13	Mohd. Zafarullah	Mysore	CP
14	Dinesh T	Salem	CP
15	Babu Manohar	Pondicherry	CP
16	Subramanian N	Madurai	CP
17	Arun P Raj	Cochin	CP
18	Saurabh Srivastava	Allahabad	CP
19	Akash Tyagi	Noida	CP
20	Deepak Nagar	Ghaziabad	CP
21	Deepak Nagar	Ghaziabad	CP
22	Chanchal Gandhi	Gurgaon	CP

Batch 3

Employee Code	Full Name	DOJ	Official Email	Location
231987	Deepak Yallappa Sutar	2018-07-16	deepak.sutar1@team.channelplay.in	Kolhapur
231984	Nitish Rai	2018-07-16	nitish.raai@team.channelplay.in	Gorakhpur
231983	Manoj Kumar	2018-07-16	manoj.kumar10@team.channelplay.in	Agra
231982	Shadab Khan	2018-07-16	shadab.khan1@team.channelplay.in	Lucknow
231981	Rachit Saxena	2018-07-16	rachit.saxena@team.channelplay.in	Haldwani
231980	Jashandeep Singh	2018-07-16	jashandeep.singh@team.channelplay.in	Amritsar
231979	Akshay	2018-07-16	akshay@team.channelplay.in	Bhatinda
231978	Chirag Gambhir	2018-07-16	chirag.gumber@team.channelplay.in	Moga
231977	Akash Kamboj	2018-07-16	akash.kamboj@team.channelplay.in	Dehradun
231976	Sagar Mistry	2018-07-16	sagar.mistry@team.channelplay.in	Surat
231975	Harshil Nilesh Kumar Shah	2018-07-16	harshil.shah@team.channelplay.in	Vadodara
231966	Aftab Bhatti	2018-07-16	aftab.bhatti@team.channelplay.in	Kota
231963	Pawan Singh Yadav	2018-07-16	pawan.yadav@team.channelplay.in	Jaipur
231962	Manish Dave	2018-07-16	manish.dave@team.channelplay.in	Udaipur
231961	Parvez Ahmed Najar	2018-07-16	parvez.najar@team.channelplay.in	Srinagar (JK)
231960	Akash Tyagi	2018-07-16	akash.tyagi@team.channelplay.in	Gurugram
231959	Surya Prakash Kushwah	2018-07-16	surya.kushwah@team.channelplay.in	Gwalior

5. ORIENT ELECTRIC:

Mr. J. P. Sharma (Asst. Prof. ME), Ms. Yogita Gupta (Asst. Prof. ECE) alongwith two students from ECE Department did a Project named "**Making Images/Pattern on The Blade**" in collaboration with Orient Electric. In this project, through wireless power transmission an image on the blade was developed through LED strip with the capability to store multiple images and which could be changed with the help of remote. Amount for consultancy work of Rs. 50,000/-.

6. PROJECT WORK ON ANTI-COLLISION SYSTEM IN VEHICLES (17th Feb– 20thMarch 2017)

Students & Faculty members along with Dr.Y. K. Awasthi (HOD ECE) worked on a project "Anti-Collision System in Vehicles at Railroad Crossing using RF Signal Transmission" which was funded by Valeo- Smart technology for smarter cars, Paris, France, during the period from 17th Feb.,2017 to 20th March,2017. Amount received for the same is € 5000 (3.49 Lacs).

7. NATIONAL SEMINAR ON CLIMATE CHANGE & DISASTER MANAGEMENT (18thJune 2016)

National Seminar on Climate Change and Disaster Management was organized by Manav Rachna Educational Institutions (MREI) in collaboration with the Centre for the Study of Administration of Relief (CSAR) on 18th June, 2016 at MR campus. The seminar was full of enthralling lectures that saw the participation of approximately 100 participants from MR and other reputed institutes like YMCA, LIONS club etc. The day commenced with the lamp-lighting ceremony and 'Vande Mataram' song rendered in a mellifluous voice by MREI students. The welcome address was given by Dr. N.C. Wadhwa, VC, MRIIRS. The lecture sessions began with the theme presentation on "Climate Change & Disaster Management" made by Dr. Harjit S. Anand, Chairman, CSAR and former Secretary, Govt. of India. The keynote address was delivered by Dr. Kamal Kishore (NDMA). Hon'ble Justice (Dr.) Arijit Pasayat, Judge of the Supreme Court of India (Retd.), gave his kind consent to be the Chief Guest and graced the occasion. Hon'ble Justice (Dr.) Arijit Pasayat, in his presidential address, discussed about the preventive aspects of the Disaster Management and how industrialization and disruption of ecological resources have contributed to environmental deterioration.

The Seminar attended by a host of eminent dignitaries such as Prof. (Dr.) N.C. Wadhwa (VC, MRIIRS); Prof. (Dr.) Sanjay Srivastava (MD, MREI & VC, MRU and Intl Hon Research Fellow, LAMK, Finland); Dr. Kamal Kishore, Member (NDMA); Prof. V. Subramaniam (UGC Emeritus Professor); Prof. Ajit Tyagi

(Air Vice Marshall (Retd.), President of the Indian Meteorological Society); Prof. Chandan Ghosh (NIDM); Dr. D. Suresh (Commissioner, Gurgaon Division); and Mr. Debashish Prusty (Director, Ministry of Environment, Govt. of India), among others, called for the need to put in place a scientific and sensitive Early Warning System in Disaster Management. The Seminar concluded with the vote of thanks by Prof. (Dr.) Sanjay Srivastava. The certificates were awarded to the participants of the seminar. Amount received for the same: **Rs. 25000/-**.

LIST OF NON TEACHING STAFF

S.NO.	NAME OF EMPLOYEE	DESIGNATION	D.O.B	QUALFICATION	SCALE OF PAY	D.O.J	TRAINED YES/NO
1	DR. SANJAY SRIVASTAVA	VICE CHANCELLOR	3/30/1970	Ph.D	37400-67400	42051	YES
2	DR. MEENAKSHI S. KHURANA	PRO VICE CHANCELLOR	11/21/1972	Ph.D	37400-67400	38184	YES
3	JAIDEEP SINGH	DIRECTOR INDUSTRY INETRACTION	12/31/1960	MBA	37400-67000	42064	YES
4	BIRENDRA PRASAD	HEAD NEW INITIATIVES	7/10/1969	MBA	15600-39100	42037	YES
5	DR. KAMESHWAR SINGH	REGISTRAR	7/7/1954	Ph.D	37400-67000	42036	YES
6	RAMESH KUMAR MALIK	DEPUTY REGISTRAR	1/8/1957	M.COM	15600-39100	42808	YES
7	SHIV KUMAR SOOD	MANAGER	9/19/1949	B.A	CONSOLIDATED	40875	YES
8	HITESH GANDHI	ASSISTANT REGISTRAR	1/4/1965	MBA	15600-39100	38353	YES
9	NEERU MALICK	PA	4/8/1963	B.A	5200-20200	39917	YES
10	ANITA PRUTHI	PA	5/21/1981	MBA	CONSOLIDATED	41239	YES
11	MANSI	COORDINATOR	8/3/1989	MBA	9300-34800	43011	YES
12	BHARAT BHUSHAN	EXECUTIVE	10/12/1984	B.A	5200-20200	39391	YES
13	LOVLEEN NANGIA	EXECUTIVE	8/3/1980	M.COM	5200-20200	38839	YES
14	SANTOSH SINGH	EXECUTIVE (HORTICULTURE)	4/19/1971	10TH	5200-20200	41426	YES
15	VARUN MEHTA	EXECUTIVE	3/12/1985	MBA	5200-20200	39314	YES
16	HARISH KUMAR	EXECUTIVE	10/15/1981	B.A	5200-20200	38201	YES
17	A.K MISHRA	SPORTS OFFICER	8/15/1971	PURSUING Ph.D	9300-34800	38275	YES
18	RUCHI DUA	ASSISTANT MANAGER-HR	5/12/1987	MBA	15600-39100	39663	YES
19	AMIT NATH	ASSISTANT MANAGER	12/20/1977	BCA	9300-34800	38233	YES
20	RAKHI ARORA PRUTHI	GENERAL MANAGER - CPD	2/24/1980	MBA	37400-67000	40575	YES
21	RAM VEER	ASSISTANT LIBRARIAN	6/3/1977	Ph.D	9300-34800	39358	YES
22	MEENAKSHI KAPIL	LIBRARY ATTENDANT	12/14/1975	M.PHIL (LIB)	5200-20200	38840	YES
23	SEEMA THAKUR	LIBRARY ATTENDANT (TRAINEE)	10/16/1984	B.COM	5200-20200	41183	YES
24	RAVINDER SINGH	RESEARCH ASSOCIATE	11/25/1988	M.TECH	CONSOLIDATED	41143	YES
25	SANGEETA DEVI	ASSISTANT LIBRARIAN	2/25/1973	Ph.D	9300-34800	38222	YES

26	MRIDUL SAXENA	LAB TECHNICIAN	11/1/1971	DIPLOMA	5200-20200	41533	YES
27	SANTOSH KUMAR BALUNI	LAB TECHNICIAN	2/6/1975	B.SC	5200-20200	41524	YES
28	YOGESH	LAB TECHNICIAN	10/10/1981	I.T.I	4440-7440	39099	YES
29	JAWAHAR LAL	WELDER	4/4/1964	I.T.I	4440-7440	38929	YES
30	DEVENDER THAPA	LAB TECHNICIAN	4/9/1987	B.A	4440-7440	39664	YES
31	PRATAP SINGH	LAB TECHNICIAN	1/9/1971	I.T.I	5200-20200	39363	YES
32	BALBIR SINGH	ASSISTANT SUPERINTENDANT WORKSHOP	12/25/1962	DIPLOMA	9300-34800	38184	YES
33	KASI RAM	CARPENTER, GRADE II	7/2/1970	I.T.I	4440-7440	38257	YES
34	DHARAMBIR SAINI	LAB ATTENDANT	9/9/1981	10TH	4440-7440	38926	YES
35	SUBHASH KUMAR	LAB TECHNICIAN	7/17/1976	B.SC	5200-20200	38238	YES
36	NEERAJ SHARMA	EXECUTIVE	10/6/1983	MBA	15600-39100	40817	YES
37	ANANNA BARDHAN	RESEARCH ASSOCIATE	9/1/1987	PURSUING Ph.D	CONSOLIDATED	42583	YES
38	AMIT KUMAR SINGH	RESEARCH ASSISTANT	3/11/1991	B.TECH	CONSOLIDATED	41458	YES
39	SATENDER SHARMA	RESEARCH ASSISTANT	10/3/1991	M.SC	9300-34800	43054	YES
40	SHUBHI AGRAWAL	DAYCARE EXECUTIVE	5/21/1992	M.COM	CONSOLIDATED	42800	YES
41	MEENAKSHI GUPTA	DAYCARE EXECUTIVE	9/19/1978	M.A	CONSOLIDATED	42856	YES
42	DAULAT SINGH	COORDINATOR	7/31/1983	B.A	9300-34800	42583	YES
43	SHEFALI CHOPRA	DEPUTY REGISTRAR	6/5/1976	B.TECH	15600-39100	39279	YES
44	SANDEEP BALI	ASSISTANT GENERAL MANAGER	3/26/1967	MBA	15600-39100	38082	YES

Achievements:

Manav Rachna University has evolved from Manav Rachna College of Engineering (MRCE, established in 2004, a NAAC Accredited 'A' Grade Institution), affiliated to Maharshi Dayanand University (MDU). The National Board of Accreditation (NBA) accredited MRCE for its B.Tech. – Computer Science Engineering, Electronics & Communication Engineering and Mechanical Engineering in the year 2013 for 2 years (2013-2015). All the Engineering Programs offered under the Faculty of Engineering, MRU are **approved by the AICTE** vide their **letter** no. F.No. North-West/2018-19/1-3635977431 dated 30.04.2018. All programmes offered by Faculty of Law are BCI approved and those by Faculty of Education are NCTE approved in a short span of three years, MRU has been bestowed with following awards and achievements:

- MRU has been awarded '**QS I-GAUGE Gold Rating**' by Sh. Pranab Mukherjee, Former President of India Former President of India, during the pilot event of Higher Education Rating System QS I-Gauge in New Delhi on March 21st, 2018. QS I-GAUGE ratings have been modeled after the Q5 Stars international rating but adapted to the dynamic Indian higher education sector and provides a unique 360 degree perspective to Indian Institutions.
- Manav Rachna University is declared as Nodal Centre for Virtual Labs, in association with IIT, Delhi.
- Times Engineering Survey 2014 ranked MRCE (now MRU) 38th among all Engineering Institutes of the country including IITs and NITs and 14th among private Engineering Institutes. In the Year 2015, the rankings of MRU improved to 30th and 10th respectively. In the Times Engineering Survey rankings released on 27th May, 2016, MRU was ranked 10th among all the private engineering institutes and 29th among all engineering institutes across the country (TOI, May 27, 2016). As per Times Engineering 2018 survey, MRU has been ranked among top 5 emerging institutes of the country and among top 3 emerging institutes for placements.

In a short span of three years, as a University, Faculty and students of MRU have won several laurels.

Notable among them are:

i) Lahti UAS Honorary Research Fellow: Prof. (Dr.) Sanjay Srivastava, Vice Chancellor has achieved the distinction of being awarded prestigious **LAHTI UAS Honorary Research Fellowship** of Lahti University Finland by **Prime Minister of Finland** as a token of long and meaningful contribution made by him to the University and collaboration in academic & other efforts. This honorary position entitles him to represent LAHTI UAS on various international forums for Academic improvement, research and development.

ii) Advanced Academic Partner', Awards for Inspire Faculty Excellence & Distinguished Facilitator:

MRU has been declared as '**Advanced Academic Partner**' with Infosys Ltd. For Infosys Campus Connect Program for the year 2017 under their Campus Connect Program (Soft Skills and Technical tracks) since 2009. Infosys Campus Connect Modules are conducted every year to enhance the employability and increase industry-readiness graduates transitioning into the IT industry. These awards have been given in recognition of outstanding efforts of the faculty members in successfully conducting

Campus Connect activities at the university and undergoing various training programs conducted by Infosys.

The details of the awards since 2015 are as follows:

- 16th March, 2018** - In the "Inspire Faculty Excellence Awards" - an annual event at Infosys Chandigarh DC, on 16th March, 2018, twelve faculty members from MRU were recognized as Silver and Bronze partners under the 'Campus Connect Faculty Partnership Model' for the year 2017. These awards were given in recognition of outstanding efforts of the faculty members in successfully conducting Campus Connect activities at the university and undergoing various training programs conducted by Infosys in the year 2017. Award for the Distinguished Facilitator - **Ms. Hanu Bhardwaj**, HoD Computer Science & Technology Department, won the **II prize in Distinguished Facilitator event of Inspire Faculty Excellence Awards 2017** for successfully incorporating Scrum & Test-Driven Development in second year OOPS courses at Manav Rachna University.
- 13th October, 2017** - Eight faculty members of CST department have been recognized as Silver & Bronze partner faculty under the Inspire-The Campus Connect Faculty Partnership model on 13th October, 2017. Ms. Hanu Bhardwaj HoD CST Department, won the II prize in Distinguished Facilitator event of Inspire Faculty Excellence Awards 2017 for successfully incorporating Scrum & Test Driven Development in second year OOPS courses at Manav Rachna University.
- 29th June, 2016:** Thirty-one faculty members from MRU were recognized as Silver and Bronze partners under the 'Campus Connect Faculty Partnership Model' in the year 2015. Ms. Hanu Bhardwaj, HoD, CST, won the I prize under the 'Inspire Faculty Contest for Distinguished Facilitator' for successfully incorporating Agile methodology in first year programming courses at Manav Rachna University. Noteworthy, Manav Rachna University got the maximum faculty partnership awards in Northern region.

Date & Year	Number of Faculty Members	Nature of Awards
Awarded on 16 th March, 2018 for 2017	12 01 (Ms. Hanu Bhardwaj, HoD CST)	Infosys Inspire Faculty Excellence Awards <ul style="list-style-type: none"> • Silver & Bronze • Second prize in distinguished Facilitator
Awarded on 13 th October, 2017 for 2016	08 01 (Ms. Hanu Bhardwaj, HoD CST)	Infosys Inspire Faculty Excellence Awards <ul style="list-style-type: none"> • Silver & Bronze • Second prize in distinguished Facilitator
Awarded on 29 th June, 2016 for 2015	31 01 (Ms. Hanu Bhardwaj, HoD CST)	Infosys Inspire Faculty Excellence Awards <ul style="list-style-type: none"> • Silver & Bronze • Second prize in distinguished Facilitator

iii) Life Saviours - Blood Donation Appreciation Awards:

- Ms. Hanu Bhardwaj, HoD, Computer Science & Technology Department, being a committed blood/platelets donor, received Silver medal and Appreciation Certificate from Indian Red Cross Society at HUDA Convention Centre, Faridabad on 14th June 2018.

- 26th March 2017: Ms. Hanu Bhardwaj (Associate Prof. MRU & member Jeevandayini Social Foundation) and Mr. Suraj Makkar (B Tech. CST) got an Appreciation Award at Region Conference of Lions Club, in recognition of distinguished services & loyalty towards society and devotion in the field of Blood Donation.

iv) Star Mentor Award by Accenture:

- Dr. Bindu Aggarwal has been Awarded: Star Mentor Award by Accenture on 15th March 2016 for actively participated in the social work initiatives and Waste Management Projects in collaboration with University of Tennessee, USA.
- She has also been awarded and honored as The Great Contribution to the Society, on 18th Feb 2017 & 8th Feb 2015 for imparting Snaskars to the kids of age group of 7- 11 years for the last three years continuously on every Sunday as social service. She is a trained Sanskar Kendra Teacher by Art of Living NGO.

- v) Master Business Coach Award:** Dr. Bindu Agrawal has been certified as Master Business Coach by leading simulation Games Company, Marketplace® Live, USA. She earned this certification at Townsend, Tennessee, USA in the month of April 2017. It was a funded training programme by Market Place Live.

vi) International Initiatives:

- **International Conference on Family Business and Entrepreneurship (ICFBE2017):** Prof.(Dr.) Sanjay Srivastava delivered the Keynote Address at 2017 International Conference on Family Business and Entrepreneurship (ICFBE 2017) Grand Inna Sanur Bali Beach Hotel, May 3rd – 5th, 2017.
- **International Summer School:** Ms. Meena Kapahi attended an International Summer School 2017 (May 29th – June 9th, 2017), Lahti University of Applied Sciences (LUAS), Finland, as a visiting lecturer.
- **International Conference - Smart Cities in Smart Regions 2016 Conference:** MRU partnered with LUAS (Finland) in organising Smart Cities in Smart Regions 2016 Conference (May 10th–12th, 2016). As the academic partner, MRU faculty members were a part of the International Steering Committee (Prof. (Dr.) Sanjay Srivastava, Ms. Meena Kapahi, Dr. Megha Mittal) and Reviewer committee (Prof. B.M. Bahal, Prof. Meenakshi S Khurana, Ms. Meena Kapahi, Dr. Megha Mittal, Dr. Sujata Dash). Prof. (Dr.) Sanjay Srivastava, MD MREI & VC MRU presented thematic keynote in the conference. Ms. Meena Kapahi and Ms. Sanjana Malhotra presented their work as oral presentations during the conference.
- **Industrial Training Project:** Prof. Rajat Gera and Meena Kapahi guided three students from LAMK, Finland, for their industrial training cum project (5-month duration) at MRU which included development and user testing of low cost and micro composting tumbler for organic waste management and Concept testing of a Dry toilet for individual households (September 2016 to January 2017).
- **Session chair:** Bindu Agrawal Session Chair at "The Luncheon Symposium", University of Tennessee on Project Clean Cycle, on 23rd Sep 2015.

vii) Membership of International/National Societies/Committees

- Ms. Meena Kapahi, Department of Chemistry, has been selected as a Commission member on Education and Communication (Commission Member - IUCN CEC Higher Education, Knowledge Management and Capacity Development; IUCN CEC NatureForAll, CEPA, Social and Behaviour Change Communications; IUCN CEC South and Southeastern Asia) International Union for Conservation of Nature (CEC-IUCN) (2017-2020). She has been a part of **Member Technical Review Group**, International Union for Conservation of Nature_ World Conservation Congress (IUCN_WCC), September 2016, Hawaii).
- Dr. Jay Bhatnagar was member of Advisory committee ASCC 2018. He also reviews Journals; IEEE SMC B, IET (formerly IEE UK) UK Wireless Comm. 2013 onwards. Apart from this he was also the advisory member of JJTU PhD program.
- Dr. Rajat Gera is reviewer for Emerald (IJEM, JRIM, Asia Pacific Journal of Marketing and Logistics), Inderscience and Palgrave journals.
- Dr. D.K. Sharma is nominated as a COSPAR Associate by the Committee on Space Research (COSPAR), Paris (France).
- Dr. Babita Parasher is the Editor of Teacher Education Journal and the reviewer of Journal of Educational and Psychological Research (ISSN: 2230-9586.)
- Ms. Manpreet Kaur is Board Member of the International Journal of Mathematics Trends and Technology along with INDIACOM 2018.
- Dr. Jai Parkash is reviewer of the Journal of Alloys and Compounds.
- Dr. Haider Abbas is reviewer of the Journals; J. Fluorescence, Materials Letters, Materials Chemistry and Physics, J. n-Cryst Solids, J. Materials Chemistry C.

Dr. Anshuman Sahai was member of Materials Research Society of India (MRSI), Neutron Scattering Society of India and also reviews Journal of Physics D: Applied Physics.

- Ms. Hanu Bhardwaj and Dr. Jyoti Pruthi are reviewers of journals; International Conference on Advances in Computing, Communications and Informatics ICACCI-2016, Jaipur, India (2016).
- Dr. Jyoti Pruthi reviewer of the Second International Symposium on Computer Vision and the Internet (VisionNet'15), Kerala India (2015).
- Mr. Hardeo Kumar Thakur was member of International Conference on Computing, communication and Automation (ICCCA 2018), International Conferences on Advances in Computing, communications and informatics (ICACCI 2015, 2016) India Com 2018. He also chaired the session of ICCCA 2017 along with it he was the session chairperson of INDIACOM 2018 at Institute of Computer Applications and

Management. Apart from this, he is a reviewer of the International Journal of Service, Management, Engineering and Technology IJSSMET, International Journal of Information Retrieval Research IJIRR.

- Ms. Yogita Gupta, Ms. P.M. Arivananthi, K.Deepa, Ms. Nitika, Dr.Yogendra Kumar Awasthi were the members of the organizing Committee, National conference on Emerging trends and Innovations in electronics and communication ETIETE/ June 28, 2016/ MRU, Faridabad.
- Dr. Yogendra Kumar Awasthi was member of the Program Committee, “International Conference on Next Generation Computing and Communication Technology” (ICNGCCT-17; India March 18th - 19th, 2017) Annamacharya Institute of Technology and Science, Rajampet; Technical Program Committee, “Futuristic Spectrum of Mechanicomputronics & Applied Sciences 2016” (FSMCAS2016) Dr. Bhim Rao Ambedkar Universit; National Advisory Board, “International Conference on Applied Sciences, Engineering Technology and Management 2017(ICASETM)”, DRK Institute of Science and Hyderabad, Telangana, November 2nd-3rd, 2017.
- Dr. Yogendra Kumar Awasthi is also member of Editorial Board of UGC Approved Journals: International Journal of Electrical and Electronics Engineers (UGC Report) www.ijeee.co.in.; International Journal of Science, Technology and Management (UGC Report) www.ijstm.com; International Journal of Advance Research in Science and Engineering (UGC Report) www.ijarse.com.; International Journal of Advanced Technology in Engineering and Science (UGC Report) www.ijates.com.
- Dr. Yogendra Kumar Awasthi is reviewer of following Journals: IEEE Antennas and Propagation Magazine; IEEE Transactions on Antennas & Propagation; AEUE – International Journal of Electronics and Communication, Elsevier; Journal of Electromagnetic Waves and Applications (JEMWA), Taylor & Francis; International Journal of Electronics, Taylor & Francis; Applied Computational Electromagnetic Society, ACES; Funding Agencies of Department of Science & Technology (DST) funded Project.
- Dr. Sujata Nayak is reviewer of the Journal Applied Energy.
- Mr. Piyush Mahendru is member of Extended Working Committee Member of ISHRAE Delhi Chapter.
- Mr. Gianender is members of the CEGR, New Delhi.
- Dr. Mange Ram Tyagi was Chairman of the Sectional Committee (PGD-19), Bureau of Indian Standards, New, Delhi.
- Ms. Rinki Yadav was the member of the Centre for Education Growth and Research(CEGR) New Delhi.
- Mr. Ajay Kumar Agarwal is the Editor of Journals, A. R. Publications and Conference World; IAENG Hong Kong. In addition to that he is also the reviewer of Journals IJSER and IASIR, USA.
- Dr Priyanaka Srivastava is member of AIMA, Jharkhand Journal of Social Development.
- Dr Akhilesh kr. Dwivedi is **editor of the journal “Criterion: An international Journal in English”**

Sessions Chaired/Lectures Delivered:

- Dr. Versha Vahini Judged the Moot Court competition, held at Raffles University, Neemrana in the month of March, 2017; and also judged the **Moot Court** competition, held at Ansal University, Gurgaon in the month of April, 2017.
- Meena Kapahi was invited for a lecture cum workshop on ‘Oyster Mushrooms: Waste to Taste’, in RMS Risk Management Solutions India Pvt. Ltd., Noida, 20th July, 2016 during Green Week Celebrations.
- Meena Kapahi was invited for a lecture cum workshop on ‘Oyster Mushrooms: Waste to Taste’, in NTTR

sponsored One Week Short Term Course on Environment, Development and Sustainability (4th-8th July 2016) on 5th July, 2016 organized by Department of Humanities and Sciences, YMCA University of Science and Technology, Faridabad.

- Dr. Babita Parasher chaired a Session at National Conference on Emanations of Sustainable Technologies in Engineering, Science, Management and Education on 1st April 2017.
- Dr. Sujata Nayak was invited as speaker at Lingyayas GVKSIMT on 28th May, 2016, in a National Conference on: Recent Developments in Science and Technology at Lingaya's GVKS Institute of Management & Technology. Dr. Sujata Nayak delivered lecture on topic - Performance Evaluation of an integrated Hybrid Photovoltaic-thermal and Earth air heat Exchanger Greenhouse system”.
- Dr. Sujata Nayak was invited as speaker at YMCA University of Science and Technology on 4-8 July 2016 on topic “Solar energy applications for greenhouse system”.
- Dr. Mange Ram Tyagi chaired a session in an International Conference on Quality, Productivity and Reliability (ICQPROM) on 7th Dec 2016 at MRIIRS..

- Bindu Agrawal Resource Person for “Awareness Campaign on Entrepreneurship”: Invited by Acharya Narendra Dev College, Delhi University, New Delhi, for Workshop on 6th April 2016.

- Bindu Agrawal delivered a guest lecture on Innovation and Entrepreneurship: Invited by Jamia Millia Islamia, Central University, New Delhi, for workshop on 15th March 2016.

- Sujata Nayak, chaired a session at TEQIP-II Sponsored National Conference at UIET, MDU Rohtak-124001, Haryana on November 20th - 21st, 2015

- Sujata Nayak delivered a lecture on the topic “Application of Hybrid Photovoltaic-thermal and Earth air heat Exchanger Greenhouse System” at AICTE Sponsored QIP Programme organized by CES, IIT Delhi on May 8th, 2015.’
- Bindu Agrawal Guest lecture to Undergraduate and Postgraduate students at University of Tennessee on the topic of "Building Social Entrepreneurship", Sep 21st - 22nd, 2015.

Other Achievements

- Dr. Anshuman Sahai was awarded with INSPIRE Fellowship by DST India.

Student’s Achievements (August 2014 to February 2018)

International Achievements:

Year 2018

- Akanksha Ahuja (B.Tech. CSE 8th sem) has been selected under the Student Technical Program (Feb – July 2018) for her Final Semester Internship from CERN, Geneva.

- Under the United Nation Program, Kartik Sibal (B.Tech. CST 6th sem) represented India and worked with students and people of different age groups and made them aware about Indian culture, representing core ethnic values and breaking the stereotypes that westerners have in their mind, regarding India.

Year 2017

- **The Eagle Award (Govt. of Malaysia):**Yuvraj Bhardwaj & Yashraj Bhardwaj (B.Tech. CST 2017-21) are Co-Founders of Zenith Vipers & Workolab, Ensure Equity. They got "The Eagle Award" from Government of Malaysia, which is one of the highest award in Malaysia by Government on 2017 Independence Day. They are among top 30 Young Entrepreneurs across the world by Success Magazine.
- Valeo Innovation Challenge: Team 'Techspirits' comprising Vansh Mudgil, Tarun and Abhijeet participated in Valeo Innovation Challenge 2017 and were shortlisted as one of the 24 semifinalists from among 1628 participating teams. They have been were provided with the grant of €5,000 to develop the prototype.
- Kartik Sibal, B.Tech CSE 6th Semester has successfully completed Google Summer of Code 2017 internship, contributed to the open source project "About Code" and received 2400 USD.
- G-STIC 2017: GiveYour Wings to the PinkBin, Akanksha Akanksha Ahuja (B.Tech. CSE 8th sem), participated in the Global Science, Technology & Innovation Conference (G-STIC) 2017 under the supervision of Prof. (Dr.) B. M. Bahal and Ms. Meena Kapahi. Akanksha emerged as the overall winner and was invited to participate in G-STIC 2017 (Brussels, 23rd to 25th October, 2017) where she also presented her idea in the plenary session. She was highly appreciated for the innovative work.
- MIT Climat colab 2017: Akanksha Ahuja, under the mentorship of Prof. (Dr.) B.M. Bahal and Ms. Meena Kapahi, was selected as semi-finalist in the competition "MIT Climate colab 2017" presenting the project "From Agro-Wastes to a Sustainable income". An alternative solution is proposed where a bioconversion of paddy/wheat crop residues is used for cultivation of the nutrient-rich Oyster mushrooms through a simple and low-cost technology.
- TERI-New Zealand India sustainability Challenge 2017: Two teams from MRU under the mentorship of Prof. (Dr.) B.M. Bahal and Ms. Meena Kapahi, qualified the regional final and made it to the second round of the competition.

Year 2016

- In September 2016, Neeraj Saini of ECE was invited by University of Pennsylvania to participate in Fall's PennApps event. He attended the same followed by another event HackMIT organized at Massachusetts Institute of Technology. He received funding of USD 500 from University of Pennsylvania to attend the event.
- In September 2016, Neeraj Saini of ECE was invited to showcase his R&D work at the HUB-week. Founded by The Boston Globe, Harvard University, MIT and Mass General Hospital, HUB-week is a first-of-its-kind civic collaboration that brings together the most creative and inventive minds making an impact in Boston and around the world.

- Neeraj Saini of ECE was recognized as one of the world finalists for the Tomorrow challenge 2016, a global event for most promising Science Technology projects and Startups. The event was held at Paris in the month of October.
- Team Eye luminati secured 2nd position and an honorable mention at the World Finals of the MIT's Global. Startups. Workshop Competition held at Hyderabad in March, 2016.

Year 2015

- Roopam Sharma (CSE) got selected for "India's top innovators under 35" India Edition, organized by Mint, the financial daily from the stable of HT Media Ltd, & MIT Technology Review, published by Massachusetts Institute of Technology (MIT). Roopam Sharma was mentored by John Chambers, Founder Chairman Cisco to further develop his project.
- Roopam Sharma student of 3rd Year CST department won the World Championship of Microsoft Youth Spark Challenge 2015. As grand prize winner, he received the cash prize of \$2,500 to turn his ideas into a reality. He also got the opportunity to attend six weeks of leadership training program at Microsoft in Nicaragua.
- Students from Manav Rachna University were the part of delegation of 50 Indian Students, selected and sponsored by Ministry of Youth Affairs, Government of India during the BRICS Youth Summit held in Kazan, Russia from the 1st – 7th July 2015.
- Vaibhav Taneja, student from Mechanical Engineering, got professional certification on CATIA V5 R19 approved by Dassault Systemes, France.
- Team Eye luminatae of MRU emerged out as winners of the Yahoo Accenture Innovation Jockey's Season 4 in 'Cognitive Computing and Internet of Things' category. Two other projects developed by MRU students also won the 'Popular ideas' award.
- Himanshu Khatter (IT) was selected the top 5 beta tester in honor beta testing program organized by Huawei. He attended Huawei 2nd Anniversary Carnival, a global event at Shenzhen, China in December, 2015.
- Piyush Verma, Prashant Gupta (ECE) presented poster titled "MovAid - A Novel Device for Advanced Rehabilitation Monitoring" at International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC'15) held in Venice, August, 15
- Deeksha Magoo, of Electronics and communication was presented Golden Award during her participation in the Global Initiatives Symposium held in Taiwan. In continuation to her achievement, she received the Invitation for her participation to 2015 Harvard Project for Asian and International Relations, HPAIR Harvard Conference, which was held in February, 2015 at Harvard University.

National/Regional Achievements:

Year 2018

- **Prestigious Padmashree Nomination:** Yuvraj Bhardwaj & Yashraj Bhardwaj (B.Tech. CST 2017-21) are the youngest Indians to enter the final nominee list of Padma Shri 2018. They have worked on 24 projects and filed 7 patents in a team of two. They are the recipients of Karmaveer Chakra Award 2016 and the winners of SF fellowship 2017. They are among top 30 Young Entrepreneurs across the world by Success Magazine.
- Srishti Kalra (B.Tech. IT) received Gold Medal at MD University convocation held on 13th Feb 2018 for being the University Topper in IT Branch.

Year 2017

- Mr. Suraj Makkar (CST 1st Year) student, the committed member of Jeevan dayini Social Foundation, got an Appreciation Award at Region Conference of Lions Club, in recognition of distinguished services & devotion in the field of Blood Donation, on 26th March 2017.
- Riya Chaudhary (B.Tech. CSE 6th sem) is one of the eight finalists of Huawei ICT Skill Competition and attended the National Award Ceremony at Bengaluru R&D Centre in the month of April.
- Varnita Jain (B. Tech. CSE 5th sem) was offered a 16 weeks internship at Coding Ninjas. Varnita also got selected as 'Campus Ambassador' for 'Coding Ninjas' and her duties as an ambassador include conducting Technical/IT events at least once in every 45 days which will be entirely sponsored by Coding Ninjas. She would also be responsible for the online/offline promotion of 'Codezen', an online competitive coding platform
- Microsoft Student Partner: Vinayak Kumar (B.Tech. CSE 5th sem) is selected as the Microsoft Student Partner (MSP) 2017-18.
- A team of B.Tech. CSE students from MRU attended JIGYASA'17, the annual techno-management symposium of Global Institute of Technology, Jaipur. The three-day event featured competitions in various fields ranging from Technology and Robotics to Literary and Design. Our team bagged the maximum positions among all the visiting colleges and stood at an overall 2nd position!
- A 24 hour coding competition "DTU Hackathon", was held at DTU Campus, Delhi (13th to 14th October 2017). As a team named "Ziddle" sponsored by MSI, 3 students (Ramandeep Singh, Chirag Munjal, Piyush Bajpai) participated in the Hackathon and were among the top 10 teams out of 100.
- A team of Students from CSE participated in I.FEST, 2K17 DAIICT, Gandhi nagar (27th to 29th October 2017). Chirag Walecha won 1st position in i.Ride, Gaurav Mazumdar came first in the pastry rush and Akash Mavi won first prize in MSI VR Gaming.
- Ankita Sachdeva, CSE (2012-16) Batch Honored with the Geek Goddess by Tech GIG in March 2017 (Techgig is India's Largest online Tech Community).

- Akash Kaliraman, Chairperson MRU IEEE was awarded with prestigious Dr. JK Pal Memorial award. Divesh Popli, Vice Chairperson of MRU IEEE was awarded with Dr. JK Pal Memorial Best Student Volunteer Award and Raashi Gupta Chairperson of MRU IEEE WIE was awarded with the Outstanding Student Volunteer Award.
- Manav Rachna Leo club received appreciation award from The International Associations of Lions Clubs District 321-A1 for organizing Blood Donation Camp and offering its services to the society through various social initiatives for the year 2016-17.
- Two teams from MRU were shortlisted for the National Finals of Imagine Cup 2017. Team Cannons comprising of Nishu Goel and Manish Batra of IT for their project ruSafe: Public Safety app and Team Cronos comprising of Aakash Lohan, Anjan Kar and Rahul Sharma of ECE for their project Klodo.

Year 2016

- Team Cronos comprising of Aakash Lohan, Anjan Kar and Rahul Sharma of ECE, Manav Rachna University bagged the second prize for its coveted project "Klodo" during National Finals of Microsoft Imagine cup, 2016.
- In Microsoft Imagine Cup, 2015 National Finals three teams in three different categories emerged out as winner: Gaming: 1st Position, Innovation: 1st Position and World Citizenship: 3rd position. Finally, the team under innovation category, team Eyaluminate represented India in the International finals of Imagine Cup, held at Seattle, USA.
- For the year 2015-16, IEEE Delhi section in its award ceremony at MSIT awarded Sunakshi Mehta, the Chairperson of MRU IEEE with the Outstanding Student Volunteer Award for the second year in a row. Upasana Nagpal, the chairperson of MRU IEEE WIE was awarded Outstanding WIE Student Volunteer Award. Vakul Sehgal, the Vice Chairperson of MRU IEEE was awarded with Dr. JK Pal Memorial Best Student Volunteer Award. He was also felicitated for being an active coordinator of SAC Team of Delhi Section.
- Two teams from Manav Rachna University participated in the Maze Solver competition during the Technical fest of Chandigarh University organized in March, 2016 and stood 3rd. They were awarded cash prize of Rs 5000/-.
- Jony Luthra and Anmol Dhingra of CST Department won the First Prize in Big Data & Hadoop National Championship during the Annual Tech Fest of IIT Roorkee, Cognizance 2015. Anmol Dhingra of CSE being a winner of Big Data & Hadoop competition received the special invitation this year to compete with the winners of Zonal rounds during Cognizance 2016.

Year 2015

- Team Dexters was declared the winner for EngiNX 2014 - Engineering for Next Generation an innovation competition organized by TCS.

- Team Dexters for its Innovation RespirON won 1st prize in the Yahoo Accenture Innovation Jockeys Season 3. The team members have been offered the direct interview with Accenture and visited Accenture Technology lab in China for a week along with mentorship program. Team Savior Suit was also declared winner under the category Internet of Things.
- Dhruv Dangi (CSE) participated in an online competition Yureka “Apps for YU Challenge” organized by YU from Micromax, inviting Indian developers of all age groups to make apps for Cyanogen OS (Android). For his app named 'Transparency' he won the first prize of Rs 1,00,000 /- (One Lakh).
- Saurabh Kanwar of IT and Neha Valecha of CSE was the runner up of the World Skills Competition being conducted by Nasscom in March 2015.

Major Research & Development Events Organized in the University:

Manav Rachna University encourages its faculties to promote research activities by organizing, conferences, advanced Workshops and Faculty Development activities in the campus. Some of the important activities conducted are given below:

- MRU was the academic partner for ‘First International Smart Cities in Smart Regions 2016 Conference’, (May 10th–12th, 2016) organized by Lahti University of Applied Sciences, Finland.
- Department of Mechanical Engineering organized and participated in One Day National Conference named “National Conference on Emanations of Sustainable Technologies in Sciences, Engineering, Management and Education (ESTESME 2017)” in collaboration with Technical Partner “Indian Society of Heating, Refrigeration and Air Conditioning (ISHRAE) and Sponsors named Eltek System Mumbai, Cogneau Pvt. Ltd. Gurugram and Pie Tech Projects Pvt. Ltd. Faridabad for UG students and faculty members of Mechanical Engineering on April 1st, 2017.
- Department of Electronics & Communication Engineering of Manav Rachna University (MRU) organized its first National Conference on Emerging Trends and Innovations in Electronics and Communication (ETIETE-2016), technically co-sponsored by Institute of Electronics and Telecommunication Engineers (IETE) and Indraprastha Institute of Information Technology, (IIIT, Delhi).
- MRU partnered with University of Gloucestershire and President University, to organize ‘International Conference on Family Business and Entrepreneurship 2017’ at Bali, Indonesia.
- Faculty of Law organized ‘Expert’s Workshop on Criminal Prosecution’ and another on “Right of Senior Citizens”. The two events witnessed majestic gathering of legal luminaries, such as, Justice Deepak Misra and Justice Chelameshwar, judges of the Supreme Court and Justice Rajan Gupta and Justice Ajay Kumar Mittal from the High Court of Punjab and Haryana and senior counsels from Supreme Court of India Mr. Aman Lekhi and Mr. Tushar Mehta.

- Professor D. K. Sharma was the course coordinator of an Online training course launched by IIRS-ISRO on “Basics of Remote Sensing, Geographical Information System and Global Navigation Satellite System” organized at MRU campus from August 22nd to November 18th, 2016.
- Faculty of Applied Sciences established a Chapter of Green Chemistry Network Centre (GCNC) in association with Delhi University. The Faculty organized National seminar on “Climate Change and Disaster Management for the Study of Administration of Relief (CSAR)”, on June 28th, 2016.