



**MANAV RACHNA
UNIVERSITY**
Declared as State Private University vide Haryana Act 26 of 2014

MANAV RACHNA UNIVERSITY

(Established vide Haryana Act 26 of 2014)

**MINUTES
OF
SIXTEENTH MEETING
OF THE
BOARD OF MANAGEMENT**

Dated: 04.03.2021

MINUTES OF THE SIXTEENTH MEETING OF THE BOARD OF MANAGEMENT OF MANAV RACHNA UNIVERSITY HELD ONLINE THROUGH MS TEAM PLATFORM ON THURSDAY, DATED 04.03.2021 AT 11.00 A.M.

16th meeting of the Board of Management of Manav Rachna University was held online through MS Team Platform on Thursday, Dated 04.03.2021 at 11.00 A.M to consider various administrative, financial and academic matters. The following were present:

1. Prof. I.K. Bhat, Vice Chancellor
2. Dr. Amit Bhalla, Vice President, MREI
3. Dr. M.M. Kathuria, Trustee, UET
4. Shri Rajiv Kapoor, ED; Group HR, Head, Uno Minda;
5. Shri. Navdeep Chawla, Chairman / MD, Psychotropic India Ltd
6. Dr. Shalini Tuli, Associate Professor (Nominee of Govt. of Haryana);
7. Prof. Sangita Banga, Dean, Academics;
8. Prof. Pradeep K. Varshney, Dean, Research (Special Invitee);
9. Dr. Babita Parashar, Dean, Education;
10. Prof. Versha Vahini, HOD, Law;
11. Hanu Bhardwaj, HoD, CST
12. Dr. Kameshwar Singh, Registrar/ Member Secretary

Dr. Parul Jhajharia, Dean, Management could not attend the meeting due to her other professional engagements; she was granted leave of absence.

The following are the minutes of the meeting:

Registrar welcomed the Hon'ble Members and briefed them about the agenda to be deliberated in the meeting. The Chairman was then requested to open the meeting with his remarks.

1. Opening Remarks by the Chairman

Chairman welcomed all the members, especially external members, for taking out time to attend the meeting and hoped that their presence would help in deliberating on some of the issues which the university finds important to report to the Board of Management and seek their advice on those issues. He further stated that a lot of activities have taken place during the past 5 months which relates to academics, research, innovations and other students related matters.

The Chairman informed the respected members about the same and some of the important ones are listed below:

(A) General Achievements by the University and its staff members & students

1. Manav Rachna Educational Institutions (MREI) began the New Year on an auspicious note with the culmination of week-long Maha-Mritunjaya Puja, the Yagna and Purnahooti was held amidst the august presence of Shri Krishan Pal Gurjar, Hon'ble Minister of State for Social Justice and Empowerment. All the employees who completed 10 years of their service with Manav Rachna were Honoured.



2. Based on the performance of MRU - Institute Innovation Council (MRU-IIC), University was granted 4 stars by AICTE-Ministry of Innovation Cell, Ministry of Education for year 2019-20, second time in a row.
3. MRU started with its classes for new batch (first semesters) on 1st October. For the students admitted late, Extra classes are planned in the month of November for a week followed by December for 2 weeks. Admission for the AY-20-21 closed on 10th Jan and Total of 502 admissions under various programmes. This is about 80% of the last year Admissions.
4. Examination for first semester have been completed and University has started the 2nd semester classes from 1st March in Physical Mode. For senior semester at present students are being called one day per week for conducting labs & faculty interaction, and classes are being held in hybrid mode since January 4th and now university is planning to shift to physical mode from end of March (after HOLI Festival) and conduct all the Sessional and end term examination in face to face mode only. The situation will be reviewed quarterly for taking necessary course of action as per the guidelines of MHA and UGC.
5. Online Entrance test for PhD was held on 5th December followed by Interviews, total 119 candidates appeared and 49 were short listed for admissions against the 70 seats advertised against all the faculties of the University. 40 candidates have joined are undergoing course work as per UGC Guidelines.
6. A Memorandum of Understanding (MoU) has been signed by Mechanical Engineering Department with Trans Neuron Technologies. Trans Neuron Technologies are training students in the area of Industrial Automation under the Mentorship of Industry Experts.
7. Trans Neuron has delivered one module of 36 hrs. in the area of Industrial Automation to the 2nd year Mechanical Engineering students from October to December.
8. Another module of training has been finalized by Trans-Neuron in consultation with Mechanical Engineering Department and will be delivered shortly as per agreed terms of reference.
9. An MOU was signed for Mechanical Engineering students with CYPE Software on 04.12.2020. CYPECAD MEP is a program for the design of the thermal energy envelope, distribution and services of the building using an integrated 3D model with the various elements of the building.
10. 4th Convocation of the University was organized on 21st Jan, 491 candidates were awarded the UG & PG degree and 2 candidate, one from Computer Science and second from Management department were awarded the Ph.D Degree. Since then 03 more Thesis from ECE & Management have completed their viva-voce and provisionally awarded the Ph.D. 05 more thesis have been submitted evaluation.
11. Dr. Srikumar Banerjee was awarded the Honoris Causa Doctorate of Science & Shri H K Batra Ji was awarded Honoris Causa, Doctorate of Philosophy during the 4th Convocation Ceremony
12. Mansi Dureja of MSc physics won the best poster presentation award in the International workshop "Emerging Trends in Research Methodology in Condensed Matter, Materials Science and Nanoscience 2020 [ETRMCMMSN 2020]" organized by The Neotia University, Sarisa, West



Bengal. She gave a presentation on 'Review of Na ion batteries: Development and Challenges'.

13. Dr. Mrinal Pandey, Associate Professor, DoCST, Manav Rachna University delivered an online Expert Talk / Webinar on the topic 'AI and Machine Learning: A research approach'. The talk was organized by Academic Collaboration, with the Department of Computer Engineering & Applications GLA University, Mathura in association with GLA University IEEE Student Branch and Abacus Computer Society.
14. Dr. Sangita Banga & Ms Meena Kapahi delivered the session on NAAC Process & Its preparation during a Short term course on Accreditation for Quality Assurance organized by NITTTR in November 2020
15. Dr. Pradeep K. Varshney was invited as a resource person to deliver a talk on "Future prospects & Entrepreneurship options in Mechanical Engineering" on 19 Nov, 2020 organized by Mewat Engineering College, NUH Haryana Waqf Board, Government of Haryana on Zoom platform.
16. Dr. Babita Parashar, Dean, Faculty of Education & Humanities chaired session on "National Education Policy 2020 Universal Human Values" on 03rd October 2020. Dr. Babita also conducted a workshop for Naryn State University Kyrgyzstan on OER on Jan12, 2021.
17. Manav Rachna University organized a webinar on 'Quality & Excellence Issues in Higher & Technical Education' on 31st October 2020. The webinar was conducted by Prof. (Dr.) R. Natarajan Former Chairman of AICTE. It was also followed by another session by him was conducted on 7th November regarding the New Education Policy 2020.
18. The Department of Electronics & Communication, Faculty of Engineering, Manav Rachna University organized in house workshop on MIT App Inventor which explained the basics of MIT App Inventor and all the faculty members present designed an Android app whose task was to switch ON and OFF the LED connected with Arduino Uno on 11th February, 2021.
19. Centre of Legislative Studies and Research (CLSR) under faculty of law organized webinar on the theme "The Art and Science of Legislative Drafting" on 10th October 2020 at 4.30PM.
20. Faculty of Law, Manav Rachna University in association with District Legal service authority is organizing Legal Aid and Awareness Camp every Thursday between 12 noon to 4PM. For free Legal Advice, Counseling, Mediation, Awareness and sensitization on socio-legal issues.
21. Faculty of Law, Manav Rachna University organized Legal Vignette – Online Case Presentation Competition on 27th February 2021.
22. Faculty of Law, in collaboration with Manav Rachna Centre for Peace and Sustainability organizes a round table conference on "Achieving World Peace" through Equity and Social Justice on 24th February 2021.
23. Parashakti under Manav Rachna Centre of Peace and Sustainability in collaboration with WICCI UP HR Council organized webinar on "New Empowered Women: Women with wings" on 19.12.2020.



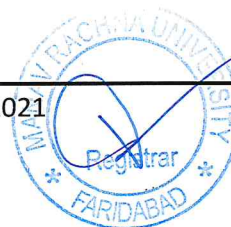
24. Manav Rachna Centre of Peace and Sustainability (MRCPS) conducted a session on "Connect within: Relax, Rejuvenate and Unwind" from 22th October to 24th October 2020 from 5.00PM to 6.30PM in collaboration with Heartfulness Education Campus.

(B) Placements

1. Placement process for the 2021 Batch is in progress. The department wise placement position is as follows:
 - a. CSE - 86 students out of 156 eligible candidates placed with Highest Salary Package: 10 LPA offered by LIDO LEARNING (Average Salary Package: 3.5 LPA), 4 students of Mechanical have also got placed in core companies
 - b. MATHS – 1 BSC student out of 18 eligible candidates placed at package of 10 LPA by LIDO LEARNING
 - c. CHEMISTRY - 4 MSC student out of 13 eligible candidates placed with Highest Salary Package: 3.8 LPA offered by Infollion Research Services (Average Salary Package: 2.8 LPA)
 - d. Ms. Sakshi Gupta of M.Sc. Chemistry, 2019 batch student has cleared JRF with 45 All India Rank and she has also cleared UGC-NET in last year.

(C) Research Publications in Journals and Conferences:

1. 68 research papers have been published/presented by faculty members and students in Journals and Conferences, out of which 46 papers are listed in Scopus and WoS databases and 22 in conferences.
2. 03 Patent granted /published in the name of faculty members
 - a. "Smart Education Framework: Smart AI-IOT based educator monitoring and content availability alert system" of Dr. Sanjay Singh, CST department has been granted patent on 25.11.2020
 - b. "System and Method for communal violence detection using social networks based community detection" of Ms. Priyanka Gupta & Dr. Hardeo Kumar Thakur, CST has been published on 09.10.2020.
 - c. "Multipurpose Medicated and Biodegradable absorbent Material/Pad" of Meena Kapahi, Dr. Arpit Sand, B.M Bahal has been published on 21.08.2020
 - d. Patent Filed -20, Published-15 and Granted -09
 - e. (Status of 07 patents of under filed category changed to Published one)
 - f. Research Projects submitted by the faculty members
3. MRU received DSIR Certification (Department of Scientific & Industrial Research) for three years in Jan 2021 for getting exemption in excise and custom duty on research equipment.



- Dr. Babita Parashar has been awarded a project under OE4BW program. A few thousand projects were submitted and her project is one selected for execution.
- Dr. Mrinal Pandey, Associate Professor, CST submitted FDP project entitled "Pedagogy for Online learning" to AICTE under scheme of AQIS on 18.12.2020. The cost of the project of Rs.682520/-.
- Dr. Jyoti Pruthi & Dr. Susmita Ray jointly submitted project entitled "Machine Learning based Robust Intelligent System for analysis of cancer and prediction of survival & life span" to AICTE on 18.12.2020. The cost of the project of Rs. 2226000/-
- Dr. Mrinal Pandey, Associate Professor, CST submitted project entitled "An Intelligent System for providing quality care to patients requiring intensive care using Deep learning Techniques" alongwith Prof. Anupam Shukla, IIIT Pune to Ministry of IT on 31.12.2020. The cost of the project of Rs. 175.316 Lakhs.

4. Prototype Development and Innovation activities

Students Participations in Innovation Competitions/Challenges/ Hackathon

05 student's prototypes of MRU-IIC were shortlisted by Ministry of Education Innovation cell-National Innovation Contest 2020 for Regional Mentoring Session in stage 1 and 04 teams have already submitted the required documents for Stage 2 of the contest.

(D) Other activities organized by different units of MRU-IIC

- i) Entrepreneurship cell organized virtual panel discussion on the role of Women Entrepreneurs in the Indian Business Scenario in collaboration with Atal Incubation Centre-BIMTECH on 20th February 2021 at 4.00PM to 5.00PM.
- ii) The Faculty of Law in collaboration with Manav Rachna Centre for Peace and Sustainability organized an online Round Table Conference on "Achieving World Peace through equity and social justice" on 24.02.2021.
- iii) The Department of Chemistry organized an online expert talk entitled "NMR Spectroscopy: Emerging Analytical Technique for Industry" by Dr. Ravindra Kumar, Senior Research Manager, R&D Center, Indian Oil Corporation Ltd. Faridabad.
- iv) Mechanical students team namely Mr. Anshul Tripathi, Mr. Sahil, Mr. Tushar Aggarwal & Mr. Pritam has developed a Light Board for online teaching. The light board is placed in the Audio-Visual room of Vivekanand Library of the University.

(E) Implementation of NISP policy towards Atma Nirbhar Bharat - As per the AICTE guidelines, the following initiatives are undertaken by the University:-

- i. Policy revisions regarding relaxations in Attendance Criteria / Credits mapping or earning against elective courses, minor project or major project or other non-core courses within the degree and beyond degree as Hons degree.
- ii. Revision of IPR and Business Incubation policies.



- iii. NISP Implementation committee constitution at University level involving outside members. A letter has been mailed to all external members and informed about the 1st meeting of committee to be held.

(F) Some major/ remarkable Student Achievements

- i. Mr. Ujjwal Gaur, B.Tech. CSE 2020 was awarded with prestigious J.K. Pal-Memorial award for guiding and mentoring IEEE. MRU team and endless contribution towards IEEE.
- ii. Ms. Parul Taneja, Final Year B.Tech. CSE was awarded with outstanding student volunteer award for showing outstanding courage and selfless service towards IEEE MRU & IEEE.
- iii. Ms. Niharika Yadav, Final Year B.Tech. CSE was felicitated with social media coordinator award for her contribution in IEEE Delhi section student network in 2019-2020.
- iv. Vinika Tyagi, B.Sc. (H) Chemistry, Batch 2017-2020, got admission in M.Sc. Pharmaceutical Analysis at the University of Strathclyde, United Kingdom With a fellowship of INR 3,00,000
- v. Himani Saraswat (Student of M.Sc.-Physics, Batch 2018-2020) has got admitted to fully-funded doctoral degree (Ph.D.) position at Kyung-Hee University, South Korea With Scholarship Worth 1500 USD per month
- vi. To motivate and encourage the female students of the University, three great women leaders from the Alumni Batch of 2005-2009 shared their experiences that shaped their personality as a person and made them who they are today. The session was hosted by other Alumni of the same batch, Mr. AJ Gauravdeep, who was the one to coordinate with the speakers and help establish the session.
- vii. ELECTROTECH, the technical activity club of the Department of Electronics and Communication Engineering, MRU organized a webinar on 'Healthcare Technology' to bring awareness about the future and advancements in healthcare technology.
- viii. One of our students' team won the Semi Finals of Microsoft Imagine Cup-2021 and made it to the finals.
- ix. Three students team ideas selected for Toycathon 2021 finale. The event is organized by AICTE:
- Bhagavad Gita Next Gen.
 - Interactive Stapu Mat.
 - Digital Game
- x. Ms. Gauri Verma, B.Tech. CST-6th semester student was awarded with a Trophy and Cash Prize of Rs. 5000/- and Merit Certificate in All India Best Undergraduate Student 2021 which was organized by Dhruv College of Management, Hyderabad during 15-20 February 2021. The events were held in three rounds i.e. All India Quiz, Jam Round & Personal Interview. Dhruv College Chairman also offered a sponsorship trip to her family for visiting Hyderabad.

(G) Department of Student Welfare Manav Rachna University, conducted the following activities:



1. Organized an Open-Mic fund raiser event in collaboration with Dr. O.P.Bhalla Foundation, to celebrate "Matrabasha Diwas" on 23rd February 2021 at MANCH (Manav Rachna Campus). The donations collected during the event would be used in various welfare activities for the society.
2. Under ONE NATION- PARYAVARAN SANRAKSHAN GATIVIDHI from 16th to 22nd August , 2020 all the Clans conducted many events related to environment like Mega Plantation drives in all adopted villages, Best out of Waste, 'Environmental Photography Competition', Essay writing, PLANT AND NOURISH WORKSHOP ON COMPOSTING, Poster Making Competition' and Selfie with Plants
3. Under Unnat Bharat Abhiyaanit organised Webinar on National Education Policy 2020:Universal Human Values on 3.10.20.The session was conducted by Dr.Babita Parashar Dean, Faculty of Education and Humanities
4. Under Vigilance Awareness week from 27th October, 2020 to 2nd November, 2020 under Theme, Student council of DSW conducted events based on the theme "Satark Bharat, Samriddh Bharat" which had various activities like: Essay writing, Debate Competition, poster making, logo design making, slogan writing, poster making
5. PARASHAKTI, under Gender Champions in association with Centre for Peace and Sustainability organized many events from 11th Nov 2020 to 25th Nov 2020 to sensitize women empowerment. Some of these are:

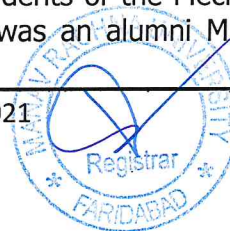
PRAGYA – POSTER MAKING COMPETITION –Know about hidden Ravana of society and Stop ignoring Sita behind you.

The Elimination of crime - An international day for elimination of violence against women : event :

Campaign RANG

Kavyanjali : Poem Competition

6. In collaboration with Manav Rachna Peace and Sustainability Club hosted a five-day Online Sustainable fashion week "The Green Vogue Week" from 22nd December to 26th December 2020 included Infographics Competition, Making Everyday Sustainable, Workshop, Quiz Competition, Antique To Modish, and E- Fashion-nova (Fashion Show).
7. The Old Road Student Council under Department of Manav Rachna University organized a Retro singing event on 17th December 2020
8. The literary Society REHNUMA under Department of Student Welfare organized Webinar Series from 15th Jan, 2020 – 20th Jan, 2020
 - WEBINAR ON 'EQUALITY' for the students of B.Ed, the speaker of the webinar was Mrs. SAKSHI BAHUGUNA faculty of law
 - WEBINAR ON 'ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING' for the students of the CST department, speaker was Mr. HARIVENDRANATH CHARY, CEO and co-founder at Techie a Technology.
 - WEBINAR ON 'WORKING OF A CAR ENGINE' for the students of the Mechanical Engg department was organized. The speaker of the event was an alumni Mr. Himanshu



Kaundal who is now the founder at insights auto tech consultants and a co-founder at Foviia Services LLP.

9. Department of Student Welfare, Manav Rachna University in association with Road safety Omni Foundation and Regional Transport Authority Faridabad organized a session on Road Safety and Awareness drive in the campus for the Faculty and Staff members of Manav Rachna University on 30th Jan. 2021
10. In collaboration with MRIIRS organized a National Level event on Environment and Sustainability ENVIRONMENT YOUTH FORUM 2021 "NURTURING ENVIRONMENT LEADERS" on 14th Jan. 2021
11. It organized the 72nd Republic Day, and hosted the republic day celebration at Manav Rachna campus.
12. Drishti- Media society of Department Of Student Welfare organized an online Photography Competition named MONOCREATE. In which, the participants had to submit a monochrome click. The event commenced from 18th to 27th Jan 2021
13. On 14th Feb 2021, POETRY COMPETITION was organized to pay tribute to the Pulwama Martyrs and to develop the feeling of patriotism among the youth.

With these remarks, Vice Chancellor requested Registrar to take up the agenda for discussion. Registrar then took up the agenda items one by one for deliberations:

2. Confirmation of the Minutes of the 15th Meeting of the Board of Management

The Hon'ble Members were informed that Minutes of the 15th Meeting of the Board of Management held on 30.09.2020 were circulated to all the members vide email dated 29.10.2020. No comments were received from any of the members. Board was apprised of the items deliberated upon in the last meeting and requested to confirm the minutes.

Decision: Board Confirmed the Minutes of last meeting.

3. Action Taken Report on the Decisions taken in the 15th Meeting of the Board of Management.

While discussing the Agenda No. 2 i.e. Confirmation of the Minutes, the Agenda No. 5 Action Taken Report on the decisions taken in the 15th Meeting of the Board was also taken up simultaneously. It was apprised to the Members that in the last meeting 12 agenda items were discussed including 4 regular items viz Opening Remarks, Confirmation of Minutes, Action Taken Report and Matter of Information. Action taken report on rest of agenda items were placed before the Members with request to take the Action Taken Report on record.

Decision: Board took the Action taken report on record.

4. Matter for Information



Board was apprised of various activities that took place during the past 5 months, the details of which were mentioned by the Vice Chancellor in his opening remarks which are listed herein below:

- (i) Honoris Causa, Doctor of Science to Dr. Srikumar Banerjee and Doctor of Philosophy to Shri Harvind Kumar Batra conferred during the Fourth Convocation.
- (ii) Medals & Awards to be given to the students during the fourth Convocation.
- (iii) Achievements in General
- (iv) Students and Faculty achievements
- (v) Events & Activities
- (vi) MoUs Signed
- (vii) UG & PG admissions made for the Academic Year 2020-21.
- (viii) Ph.D. admissions made for the Academic Year 2020-21
- (ix) Conferment of UG / PG / Ph.D. degrees to the pass out batch of 2020.
- (x) Decisions taken in the 15th Meeting of the Academic Council held on 14.01.2021.
- (xi) Faculty resigned.

Registrar requested the members that the same be permitted to be taken on record.

Decision: Board of Management took the above information on record.

5. Matters for Ratification

(i) Establishment of MR Centre for Legislative Studies i.e. "Manav Rachna Center of Excellence for Legislative Studies (MR-CLS)

The members of the Board were apprised with the decisions taken by the academic council in its 15th meeting wherein the AC ratified the recommendation of the Advisory Board of the Faculty of Law for establishments of Centre for Legislative Studies which aims to conduct critical study of pending bills and offer pre-legislative inputs for efficient law making, identify the pre-requisites and suggest for effective implementation of legislations, assessment and evaluation of the impact of legislations and proposed reforms, investigate and develop legislative best practices and procedures etc;

It was also informed to the Board that the soft launch of Centre was done through a launch webinar on Art and Science of Legislative Drafting. The Centre is be headed by Shri. P K Malhotra, former Law Secretary, Government of India, as an Executive Chairperson.

(ii) Distribution of intake of B.Tech. CSE, B.Tech. ECE. & B.Tech. ME within the program differentiating the core and specialization, during the academic year 2021-22.

It was submitted for information that the intake for the above three programs has been approved by the AICTE as **B. Tech Computer Science and Engineering (B. Tech. CSE) - 240, B. Tech. Electronics and Computer Engineering (B. Tech -ECE) - 30 and B. Tech Mechanical Engineering, (B. Tech –Mechanical Engineering) - 60** but the Department of Electronics and Communication Engineering intends to restart B. Tech Electronics and Communication Engineering (already approved by the Government) in lieu of B. Tech Electronics and Computer Engineering with

same intake 30, which the University has agreed. Further distribution of the Intake of these three programs into the core and its specializations, as shown in the table below:

Core		Specialization	
Name of the Program	Intake	Program	Intake
B.TECH. CSE	240	B.TECH. CSE-AIML	60
		B.TECH. CSE-CDA	30
		B.TECH. CSE-CSTI	30
		B.Tech CSE	120
B.TECH. ECE	20	B.TECH. ECE-VLSI Design and Verification	10
		B.TECH. ECE-Bio Medical Technology	10
B.TECH ME	60	B.TECH ME-SMA	30
		B.Tech ME	30

It is proposed that in case, Seats earmarked under specialization of the programs remain unfilled, the vacant seats under specialization shall stand transferred to the Core of the program, as required and the same can be filled accordingly.

(iii) Introduction of new specialization of BBA Business Analytics with intake 30

It was submitted before the Board that the Department of Management & Commerce proposed to offer a new specialization BBA - Business Analytics with Intake 30 from the academic session 2021-22 and the same was endorsed by the Academic Council for further consideration of the Board of Management.

Decision: Board ratified the action taken by the University.

6. Consideration of MRU Record Retention Schedule-2021

Board was apprised that since inception of the University, there was no policy or time frame prescribed to keep the various academic, administrative and accounting records and disposal of the records after the specified period. The members were also apprised that in order to bring economy of space and efficiency in retrieval of documents & the need for storage of electronic data / information and based on suggestions, received and further input provided by different Departments / Units, the Committee headed by Registrar with other Members comprising Dy. COE, OC Admin prepared a policy which is placed for consideration of the Hon'ble Members of the Board of Management

The suggestion of one of the Hon'ble Members that the time period mentioned as 3 years or 5 years may be replaced with the word "**3 years after completion of the Course**". He also suggested that such policy document may also put on Notice boards or on such other places through which students may get to know about such policies of the University. This was unanimously agreed by all.

Decision: Board approved the MRU Record Retention Schedule, 2021 with modification, as suggested in para -2 above. Approved Record Retention Schedule -2021 is annexed as Annexure-1.



7. Migration Policy with regard to the students who wants to join other Universities/Colleges for pursuing studies

Board apprised that the University has been admitting the students to various programs through migration from other Universities as per the provisions in MRU (First) Ordinance, 2015 (approved & notified by the Govt.) which was further amended in 2020 with the name MRU (First) Ordinance, 2020 but to implement the same in a proper manner, a need was felt to make the detailed guidelines on the subject to cover all the aspects of admission through migration and therefore, a draft Guidelines was prepared.

The proposed MRU (Migrations) Rules, 2021 deals with cases relating to Inter Departmental Migration for UG programs, Admission through Migration from other Universities, Migration to other universities and Migration for Ph.D. Programs. It was deliberated at length. A suggestion was made to see the policy implemented by the other state private universities in connection with fee that will be payable by the student concerned for remaining duration of the course to the University for getting NOC to migrate to the other universities.

Decision: Board approved the MRU (Migrations) Rules, 2021 with above suggestions and authorized the Hon'ble VC to consider and approve the same.

8. Admission Fees Refund Policy

It was submitted that University has been following Admission Fees Refund Policy as notified by the regulatory bodies i.e. AICTE & UGC. The Refund Policy notified by the AICTE is applicable on professional programs (Engineering) whereas the Refund Policy notified by UGC is applicable on all other programs offered by the University. The Admission Fee Refund Policy for the year 2021-22 is not yet notified by these two bodies hence, it is proposed to continue to follow the same policy as notified for the Academic Year 2021-22.

Decision: Board approved that Fee Refund Policy as notified by the Regulatory Bodies (AICTE & UGC) for professional and other programs shall be followed for the Academic year 2021-22.

9. Fee structure for 2021-22

It was submitted that University has decided to continue with the same fee structure for all the programs as it was approved by the Board for the Academic Year 2020-21. In case of new specialization in BBA i.e. BBA Business Analytics, the same fee structure shall be followed during 2021-22, in case no academic partner is associated, otherwise fee for this program will be enhanced to the tune cost involved in association of academic partner.

A copy of the Fee Structure approved for the Academic year 2020-21 was placed on the screen for perusal of the Members.

Decision: Board considered the Fee Structure and recommended for approval of the Governing Body with above suggestion.

10. Consideration of relaxation in eligibility criteria to SC, ST & OBC Candidates

It was submitted that the University had provided 5% relaxation to SC & ST candidates and 3% relaxation to OBC Candidates in eligibility criteria in all the UG, PG and Doctoral Program in analogy to the Govt. norms during the Academic Year 2020-21. It was proposed to continue this relaxation to SC, ST & OBC Candidates in all the programs during the academic session 2021-22.

Further, it was also proposed that relaxation upto maximum of 5% in eligibility criteria shall also be considered for the candidates belonging to Single Girl Child (**Single Girl Child means Girl should be ONLY CHILD of their parents**), Sports, ward of Defense Personnel /Para Military Forces on case to case basis.

The Board considered the above and after detailed deliberation approved the same.

Decision: Board approved the proposal.

11. Consideration of relaxation in eligibility criteria for the purpose of admission in UG/PG Program

The Board was requested to consider the following relaxation in the eligibility criteria for admission to UG-PG Programs during the Academic session 2021-22.

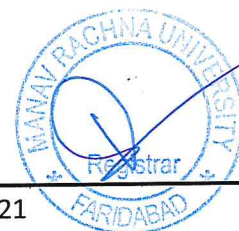
- (i) 0.5 & above in aggregate shall be rounded off as 1.
- (ii) In case of additional subjects in qualifying examination, the marks obtained in additional subject shall be counted for eligibility for admission to the concerned program only when he does not meet prescribed % of the aggregate marks required for admission to that program.

Decision: Board considered and approved the same.

12. Scholarship Policy to be followed during the academic year 2021-22.

Board was apprised of the various scholarships being offered by the University to the candidates being aspiring for admission to UG-PG programs.

- (i) UTKARSH & UTTAM Scholarship for the candidates based on MRNAT Score for UG PG Programs.
- (ii) Merit Scholarship based on the marks in the qualifying examination which is further classified into three categories
 - a. For UG Programs (except B. Ed and B. Ed Special Education)
 - b. For PG Programs other than LLM
 - c. For LLM, B.Ed. & B.Ed. Spl Education programs



- (iii) Scholarships/Freeship to the students seeking admission to B.Tech. Engineering programmes on the basis of their JEE overall All India Rank
- (iv) Scholarships/Freeship to the students seeking admission to integrated LLB programmes on the basis of their CLAT scores
- (v) Scholarships/Freeship to the students seeking admission to any UG programmes on the basis of their SAT Scores
- (vi) Scholarships/Freeship to the wards of MREI employees.
- (vii) Scholarships/Freeship to the Siblings of MR students in the same HEI.
- (viii) Scholarships/Freeship to the Alumni of MREI
- (ix) Scholarships/Freeship to the outstanding Achievers in Sports category
- (x) Merit Cum Means Scholarship
- (xi) Merit Scholarship to Semester / Branch Toppers
- (xii) In addition, suitable free ship shall be provided to a person suffering with Thalassaemia Major, sons / daughters of Army Personnel who have been killed in war/ terrorist attack and persons with physical disability etc. on case to case basis.

Further, Board was apprised that the University intends to upgrade the percentage of marks in r/o two categories of Merit Scholarships for the Academic Session 2021-22 as under:

Merit Scholarship:

i) For UG Programs (except B. Ed and B. Ed Special Education)

Marks in Qualifying Examination	Tuition Fee waiver
95% and above	100%
90% and above but below 95%	50%
85% and above but below 90%	25%

ii) For PG Programs other than LLM

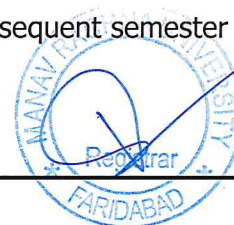
85% and above	100%
80% and above but below 85%	50%
75% and above but below 80%	25%

iii) For LLM, B.Ed. & B.Ed. Spl Education programs

There is no change in the eligibility criteria under this category.

The eligibility criteria for other scholarships shall remain the same as it was in the academic year 2020-21.

The terms and conditions for continuation of all the scholarship in the subsequent semester shall also be the same as it was in the academic year 2020-21.



Note:

While considering the Scholarship/Tuition fee waiver to the candidates, the following shall be taken note of:

- (i) The marks will not be rounded off to the next higher figure
- (ii) Calculation of percentage of marks shall be made on the basis of eligibility in five main subjects in the qualifying examination.
- (iii) The marks secured in additional subject (beyond five compulsory subjects), if any, shall not be counted.
- (iv) Even, in programs, where best five subject scores/marks are considered for calculating eligibility for admission, scholarship shall be calculated on the basis of marks secured in the five main subjects.

Decision: Board approved the Scholarships with proposed changes in the Merit Scholarship and notes as above.

13. Any other item with permission of Chair.

(i) Revised Budget for the FY 2020-21 and Budget Proposal for the year 2021-22.

The Board was apprised with the revised Budget provisions for the year 2020-21 prepared on the basis of the actual receipts and the expenditure likely to be incurred during the month. The Chief Finance and Accounts officer was requested to explain the details of the revised budget for information of the Hon'ble members. CFO, further elaborated the provisions made under various sub heads in the revised budget as well as in the Budget Proposal for the year 2021-22 specially with regard to salary budget, which comprehends Gratuity, 10% increase due to appraisal, payment of deferred salary to a tune of 33%, salaries for new appointees etc. payable during the year and provided clarification wherever needed by the Hon'ble Members. As per the proposal income for the year 2021-22 has been projected Rs. 42.71 Crore and estimated expenditure as Rs. 46.90 Crore in the projected budget for the year 2021-22 and deficit of Rs. 419 lakhs is proposed to be met through loans & borrowing.

Further, one of the Hon'ble member suggested to allocate some of the amount under the sub head "Contingent fund" to meet any contingent liability. In case it remains unutilized same may be allocated to other heads as per requirements through re-appropriation at the time of submission of revised budget for the year. It was unanimously agreed by all.

Thereafter, the Board was requested to consider and recommend the same for approval of the Governing body.

Decision: Board considered the proposed Budget with above suggestion and recommended for approval of the Governing Body.

(ii) Approval of Environment/Green Policy of University



It has been in practice of the University to give due importance to environment conservation and protection in decision making at all levels by stakeholders and to ensure awareness among all about conservation of environment and natural resources. It has been endeavours of the University to encourage research projects on solid waste awareness in Haryana are based on Sustainable Development Goals and initiatives on afforestation, landscape and ecosystem restoration, soil and water conservation, water quality maintenance, clean energy resources and climate change mitigation.

Accordingly, University has prepared a document on Environment related issues, which covers its scope, objective, implementation, Integration of the same into course curriculum and provide incentive & Awards and appreciation for its encouragement toward Environment conservation and protection. The details Policy guidelines presented before the Board for consideration and approval. Board duly deliberated over the subject matter presented before it and approved the same unanimously.


Decision: Board approved the Environmental/Green Policy for the University. A copy of policy is annexed as Annexure No-II

(iii) Approval of amount of seed money sanctioned by the Vice Chancellor to the faculty members for their Research Projects for the Year 2020-21

BOM considered the amount sanctioned for seed money to the faculty members to carry out their Research Projects by the Vice Chancellor and the proposal for the seed money of Rs. 17.20 Lakhs for 15 projects to 15 faculties and resolved to ratify the same. A copy of approved projects are annexed as Annexure-III.

Decision: The Board ratified the amount of seed money of Rs. 17.20 Lakh sanctioned by the Vice Chancellor to the faculty members for their Research Projects for the Year 2020-21. Approved projects are annexed as Annexure No-III

Meeting ended with vote of thanks to the Chairman.


(Dr. K. Singh)

Registrar /Member Secretary

F.NO. MRU / BoM (A&M) /Vol. IV / 2017

Dated: 17.03.2021

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. Additional Chief Secretary to Government, Haryana Higher Edu Department, Room No. 403, 4th Floor, Mini Secretariat, Sector-17, Chandigarh.



4. PS to VP for kind information of the Hon'ble Vice President, MREI
5. Dr. M.M. Kathuria, Trustee, NIT Faridabad
6. Ms. Shalini Tuli, Associate Professor, (Nominee of the Govt)., Govt. College, Sector 16, Faridabad.
7. Sh. Rajiv Kapoor, ED & Group HR, Head, Uno Minda
8. Sh. Navdeep Chawla, Chairman / Managing Director, Psychotropic India Ltd. 214- 216, Sector-15, Faridabad
9. Prof. Sangeeta Banga, Dean (Academics)
10. Prof. Parul Jhalaria, Dean, Faculty of Management & Humanities
11. Prof. (Dr) Pradeep Varshney, Dean Research
12. Dr. Babita Parashar, Dean, Faculty of Education
13. Prof. Versha Vahini, HoD, Dept. of Law
14. Ms. Hanu Bhardwaj, HoD, Dept. of CST





MANAV RACHNA
[vidyaparikshah]

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

MRU Record Retention Schedule-2021

A. Rules regarding Periodicity for Preservation/Weed out of Old Record Related to Academics/Administration

Record which shall be preserved for specific periods as indicated against each

S. No.	PARTICULARS	Period
1	Final Admission Brochure (Year Wise)	Permanent
2	Personal File of Students (Hard Copy) <ul style="list-style-type: none">• B.Tech• M.Tech• Integrated LAW• B.Sc• M.Sc• BBA• B.Ed• Integrated B.Ed	(from Admission) 3 Years after completion of Program
3	Appointment of Admission Officers/Counselors	2 Years
4	Cancellation/Withdrawal of Admission	1 Year
5	Entrance Exam Result (MRNAT)	1 Year
6	Schedule of Counseling and other Counseling result	1 Year
7	Issue of Migration Certificates of this University along with the Applications	1 Year
8	Award/Scholarship Policy Files	6 Years
9	Statues, regulations & Ordinance files- Additions, alterations etc.	Permanent
10	Academic Council/Board of Studies/Board of Faculties/Board of Management records file	Permanent
11	Record of MOU s	5 Years from expiry



12	Record of Student Exchange Programme	3 Years (after completion)
13	Personal Files of P.h D Scholars	6 Years (from admission)
14	Fixation of remuneration(salary) to Staff	Permanent
15	Important orders & circulars related to Academics/Administrative Branch	5 Years
16	Legal Cases /RTI Information	2 Years
17	Complaint Register	1 Year
18	Fee Notification	1 Year
19	Correspondences with Higher Education	5 Years
20	Files related to statistics supplied to outside Agencies (UGC/AICTE/etc.)	5 Years
21	Miscellaneous/General correspondence	1 Year
22	Dispatch Register	5 Years
23	Peon Books	1 Year
24	Casual/Compensatory Leave & Attendance record of Staff Members	1 Year
25	Personal Files of Staff Members	Upto 2 Years after superannuation/leaving the position of the University
26	File regarding Visiting Faculty	1 Year
27	Posting & Transfers	2 Years
28	Appraisals Records	Permanent
29	Advertisements	1 Year
30	Selection & Appointments	Permanent
31	Preparations of Salary	2 Years
32	Minutes of Meeting of different Bodies	5 Years
33	Guest Lectures/ Seminars/ Conferences/ Workshop Record	1 Year
34	Approval/Recognition of the Regularity body	Permanent
35	Approval of the Government for the Academic Programmes	Permanent



36	Annual Reports	Permanent
37	Files regarding starting of New courses	Permanent
38	Library Books Records	Permanent
39	Students Aid Funds records	5 Years
40	Endowment funds Record	Permanent
41	Office orders/Circular/Notices	2 Years
42	Faculties, Departments Misc. correspondence	2 Years
43	Misc. type of correspondence with the staff & faculty	2 Years
44	Purchase files of Apparatus & Equipment's by the departments	5 Years

B. Rules regarding Periodicity for Preservation/Weed out of Old Record Related to Examinations

I. Record which shall be preserved as mentioned below:

Sl. No	PARTICULARS	Duration
1	Legal cases regarding examinations	One year after completed
2	Files related to policy matters related to examinations	Permanent
3	Important orders & circulars related to examination	2 years
4	Ordinance & Rules status regarding evaluation of students performance	permanent
5	Result sheet/ Tabulation register	permanent
6	Files regarding supply of statistics to UGC, NCTE, AICTE, NCTE, BCI etc, regarding number of students appeared, passed at university examinations	permanent
7	Relaxation by the Vice Chancellor regarding examination or the case not covered under any provision of the ordinances	permanent
8	Grant of exemptions for qualifying the subject	permanent



II. Record which shall be preserved for specific periods as indicated against each

Sl. No.	PARTICULARS	Period
1.	Budget Files	2 years
2	Contingent Bills for payments to Examiners, Evaluators & Paper Setters.	3 years
3	Bills and vouchers of purchase of answer books	3 years
4	Diary and Dispatch Register	5 years
5	Original Question papers and proof thereof (T3)	6 months after declaration of result (One copy to be maintained)
6	Award List of Examination For major examination(including awards for Practical/Dissertation/Project/Industrial Training etc.) and Internal Award List & Attendance sheet	2 years after the declaration of result of final semester /year
7	Appointment of Examiners 1.Files -correspondence 2.Acceptance-forms	1 year
8	Appointment of Moderators for Questions Papers	1 year
9	Conduct of Examinations: 1. Used Answer sheets for T3 except in the case of Litigation 2. Used Answer sheets for T1 & T2 except in the case of Litigation 3. Challans, Dispatch memos, seating plans and other papers related to conduct of T3 Examinations.	1 year 1 year 6 Months after final Academic year
10	Re-checking of results, correspondence, applications and corrected scripts, Answer books of results revised due to scrutiny.	1 year
11	Student's grievance regarding examination of results- correspondence etc. / decisions.	1 years
12	Files of correspondence regarding permissions/exemptions	1 year after completion of program
13	Convocation files	2 years



14	File concerning conduct of outside exams	1 year
15	Files relating to unfair means cases	2 years after the period of Punishment or till no legal issue
16	Miscellaneous correspondence files	2 years
17	Applications for Reappear / Repeat Exams	6 months after the declaration of the results or till no legal issue
18	Appointment of Superintendents, Dy. Superintendents, Invigilators for university examinations & Appointment of amanuensis (writers)	1 year
19	Issue of examination admit cards to students	1 year
20	Special permission to take examination	1 year
21	Files relating to attendance of students detained/debarred	1 year
22	Fixation of rates of remuneration of paper setters, evaluators and board of examiners	5 years
23	Printing of question papers correspondence and settlement of bills (T3)	1 year
24	Grant of honorarium to officers/staff and outsiders for examination	2 Years
25	Answer scripts of minor/practical examinations and project reports	1 Year
26	Dissertation	1 Year & may sent to central library after convocation
27	Internal/External examiners' details	1 Year
28	Weeding out of used Answer sheets	1 Year

C. Rules regarding Periodicity for Preservation/Weed out of Old Record Related to Finance

Sl. No.	PARTICULARS	Period
1.	Cash Book	10 years
2	Cheque Register	10 years
3	Stock Register of Receipt Book	10 years
4	TDS Register	6 years



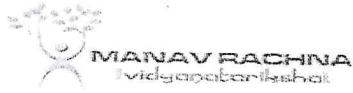
5	Income Tax Statements	6 years
6	Budget Estimates, Approvals	3 Years
7	Pay Bill Register	10 years
8	Contingent Bills (Payment, Receipt & Journal Vouchers)	3 Years
9	Stock Register of Cheques	3 Years
10	Counterfoils of receipt Books	5 Years
11	Ledgers	Permanent
12	Minutes of Statutory bodies	Permanent
13	Files Containing correspondence regarding different meeting	2 year after audit
14	Miscellaneous Correspondence	1 year
15	Statement of annual Income	Permanent
16	Statement of Reconciliation	To be weeded out after the accounts for the F.Y have been finalized
17	Diary, Dispatch Register & Peon Book	2 Years
18	Postal Receipts	3 years
19	Refund Vouchers	3 Years
20	Bills (Examiners, TA, Paper Setters)	2 years

This is issued with the approval of the Competent Authority

SD/-

Registrar





MANAV RACHNA
vidyapratishtha

MANAV RACHNA
UNIVERSITY

Declared as State Private University vide Haryana Act 26 of 2014

ENVIRONMENT

POLICY



MANAV RACHNA UNIVERSITY, FARIDABAD

ENVIRONMENT POLICY

India is a signatory to the International Conventions for environment protection and have laws for the same. Hence, it is the policy of Manav Rachna University to include environment conservation and protection in decision making at all levels by stakeholders and to ensure awareness among all about conservation of environment and natural resources. It is the policy of Manav Rachna University to encourage research projects on solid waste awareness in Haryana are based on Sustainable Development Goals and initiatives on afforestation, landscape and ecosystem restoration, soil and water conservation, water quality maintenance, clean energy resources and climate change mitigation. The policy also strictly adheres to ECO-FRIENDLY GREEN CAMPUS. The university also takes NO PLASTIC policy very seriously.

STATEMENT OF POLICY

The lush green campus of Manav Rachna University spread over the Aravali hills has the policy to conserve natural environment, develop and attain sustainable solutions, startups and innovations and control energy consumption in order:

- To follow all the environment legislations and judgement of the Hon'ble National Green Tribunal in a very enthusiastic and committed manner.
- To build awareness among students, faculties and staffs about conservation of natural resources and development of sustainable environments for national prosperity.
- To facilitate development of technologies through various innovative methods in rural India for inclusive growth.
- To adopt fair, ethical and environment-friendly approach, which incorporates everything from innovation and implementation to training of students and faculties through institutions.
- To evolve futuristic technologies and develop engineering designs that could be pivotal for the sustainable utilization of the augmented natural resources.
- To help building up a society that has conservation-oriented attitude and exists in harmony with nature.



POLICY OBJECTIVES

The long-term goals for Manav Rachna University as an institute include:

- To educate and engage students and MRU staff (teaching and non-teaching) on environmental concerns and sustainability.
- To recognize and appreciate the efforts of students, teachers and institution towards environment conservation and sustainable development.
- To promote innovations and startups for sustainable development.
- To help and encourage the students and faculties to adopt working styles and evolve Research and Development (R&D) programs that could turn MRU into carbon-negative institution.
- To include environmental policy in all related and applicable policies of Manav Rachna University.
- To take into account environment, occupational health and safety aspects in planning and decision-making.
- To encourage rural development programs, and provide rural India with professional resource support from MRU as an educational institute.
- To encourage projects and initiatives on afforestation, landscape and ecosystem restoration, soil and water conservation, water quality maintenance, waste management, clean energy resources and climate change mitigation.
- To develop collaborations of academic institutions with key government flagship programs and foster collaborations between governance, knowledge institutions and local communities.

POLICY IMPLEMENTATION

Manav Rachna University understands that ecological sustainability is a key component of its social responsibility and therefore, strives to make an impact on environment conservation by inspiring environment-friendly, professional and safe operations in students of institutions. This includes conserving scarce resources such as raw materials, energy and water, as well as avoiding and reducing CO2 emissions and waste. Manav Rachna University has adopted a fair, ethical and environment-friendly approach that incorporates everything from the production to management and training of students in institutions.



SCOPE

1. Manav Rachna University approved academic courses to include the environmental policy in their institutional policies and strategies.
2. The university has to mention the activities and initiatives undertaken under environment policy in their annual report and ensure publication of the same on institutional website.

INCLUSION IN CURRICULUM

1. Manav Rachna University's curriculum has included subjects that enhance Environment Management and Conservation awareness and knowledge.
2. Student Induction Program to include awareness on environment and activities like visit to nearby villages.
3. Approved courses to include environmental law, environmental science, engineering in Environment, marine water technologies, carbon engineering etc., that can help develop technologies for enhancing or safeguarding the environment.
4. Facilitate development of research areas by students and teachers such as drinking water, agricultural and rural industries etc., which have developed aspects.
5. In Manav Rachna University activity points are to be made a part of Model Curriculum (through internship policy):
 - a) Prepare and implement plan to improve education quality in environmental policies and laws.
 - b) Developing and maintaining Sustainable Water Management system.
 - c) Prepare and improve a plan to improve health parameters of the students and the staffs.
 - d) Developing and implementing of Low-Cost Sanitation facilities.
 - e) Prepare and implement plan to promote local tourism through innovative approaches.
 - f) Implement/develop technology solutions which will improve quality of life.
 - g) Prepare implement solution for energy conservation.
 - h) Prepare and implement plan to skill village youth and provide employment.
 - i) Develop localised techniques for Reduction in construction cost.



- j) Prepare and implement plan of sustainable growth of the area nearby to the University.
- k) Setting of information imparting club for girl students/ women teacher leading to contribution in social and economic issues.
- l) Developing and managing efficient garbage disposable system.
- m) Contribution to any national level initiative of Government of India. For example: Swachh Bharat Abhiyaan/ Digital India/ Skill India.
- n) Inclusion of University Human Values as a credit course in the 3rd or 4th year. The curriculum as developed by the NCC-IP (National Coordinating Committee- Induction Program) would be taught. One of the modules includes Harmony with Nature, which is about environmental conservation and sustainable development.

ENVIRONMENT AWARDS

1. University to participate in the various Awards; Environment development initiatives, Sustainable development initiatives etc. organised by various government bodies.
2. University to Participate in Clean and Green Campus Awards.
3. University must encourage and award Innovations and startups that are based on environmental issues, rural development and sustainable solutions.
4. Promote and initiate other awards among and within institution for enhancing awareness and implementation of Environment management and Sustainable Development.

POLICY REFERENCE POINTS:

1. United Nations Sustainable Development Goals 2030 to remain as thrust areas with special focus on Clean Water and Sanitation, Quality Education, Affordable and Clean Energy, Sustainable Cities and Communities, Climate Action, Life Below Water and Life on Land.
2. Environment conservation, rural development, sustainable development etc. to become a part of all policies of Manav Rachna University such as Startup Policy, Internship Policy, inclusion of environmental course curriculum etc.
3. MRU as an institution to ensure Rain Water Harvesting within their premises, provide Waste Management and environment improvement measures to ensure a sustainable



Green Campus, strive to have a plastic free environment, start Installation of grid connected solar rooftops/ Power Systems, wherever feasible.

4. The institution to preferably implement Unnat Bharat Abhiyan. Under the Unnat Bharat Abhiyan, MRU has the objective to build institutional capacity in research and training, relevant to national needs, especially those of rural India, which includes inter alia the following objectives:

- Encourage the students and staffs through course curriculum to identify the problems of rural India and to provide solutions for them.
- Develop an academic framework for working on societal problems, their solution, delivery, reporting and assessment.
- Re-visit where the necessary curriculum in technical education needs to incorporate inclusive technologies for rural India.
- Promote interdisciplinary approach in higher education guided by live contexts.
- Develop over time, research areas which have developmental significance, such as drinking water, education, health, agricultural practices, electrification, agriculture and rural Industries cooking energy, watershed analysis.
- Develop collaborations of academic institutions with key government flagship programs and develop formal course-ware for supporting the knowledge needs for the same.
- Promote networking and coordination among various Science and Technology based voluntary organizations and developmental agencies.
- Foster collaborations between governance, knowledge institutions and local communities.
- Provide rural India with professional resource support from MRU as an institute of higher education, as MRU have acquired academic excellence in the field of science, engineering and technology and management.
- To identify the basic developmental and productive needs of a village and find ways and means to meet these needs.
- Strengthen the technical design of interventions in key sectoral areas of natural resource management such as water and soil, economic activities such as



agriculture and related production, or related to crafts and artisans, infrastructure such as housing, roads, energy.

- Identify efficient, cost effective and sustainable development practices in the field.
 - MRU as an institution will help grassroot level organizations in innovating new products and support rural entrepreneurs develop neighbourhood solutions.
 - Empower communities to dialogue with knowledge institutions in order to evolve technically sound and locally feasible development strategies that promote self-reliance.
 - Facilitate convergence of development schemes, resources, various planning and implementation initiatives and coordination of agencies for successful interventions and measurable outcomes.
5. Implement funding schemes for activities such as Unnat Bharat Abhiyan, Jal Shakti Abhiyan etc. to encourage the environmental initiatives.
 6. Promote schemes by MHRD on environment in Manav Rachna University such as one student - one tree, GO GREEN club for environment awareness etc.
 7. Encourage internal policies such as making PLASTIC-FREE GREEN CAMPUS, replacing mementos with plants, building applications on environmental conservation, sustainable development etc.
 8. Facilitate recognition and protection of rights of owners of traditional knowledge and intellectual property, while promoting research.
 9. Encourage and facilitate students to design technical interventions for natural resource management and economic activities like agriculture and related activities, infrastructure like housing, roads, energy, which helps in conserving the environment.



Manav Rachna University, Faridabad.

Research Projects undertaken by faculty and Seed Money given for the Projects

Financial Year (2020-21)

S.No.	Faculty Name	Department	Projects Name	Total
1	Dr. Babita Sharma	Education & Humanities	Assessment of Readiness and empowerment of teachers in Faridabad for an inclusive classroom with special reference to CWSN	113000
2	Dr. Pameeta Dhaliwal	CST	Methodologies for Implementing Blockchain in Novel Application Areas	132000
3	Dr. Shiv Kumar Dixit	ECE	Design and Analysis of Polymer based Hybrid Solar Cells and Theoretical Characterization of CH ₃ NH ₃ PbI ₃ for Solar cell	111500
4	Dr. Priyanka Srivastava	Management	Impact of Customer Relationship Management on Customer Loyalty in Luxury Hotels	117000
5	Dr. Mrinal Pandey	CST	Energy Prediction for Smart Buildings Pertaining to the Heating Ventilation and Air Conditioning Plants using Machine Learning Techniques	119000
6	Dr. Jyoti Pruthi Dr. Susmita Ray	CST	Machine Learning based Robust Intelligent System for analysis of cancer and prediction of survival & life span	149000
7	Dr. Mrinal Pandey	CST	Pedagogy for Online learning (FDP)	39000
8	Dr. Prinima Gupta	CST	An Optimized Video Steganography Technique using Hybrid Approach	104500
9	Dr. Priyanka Srivastava	Management	A Comparative Analysis of Internet Marketing vis-a-vis Traditional Marketing in context to Consumer Buying Behaviour	109500
10	Dr. Pooja Kapoor	Management	Role of Media and Market in Shaping Health Consciousness: A Study of Millennial Generation	105607
11	Dr. Pradeep K. Varshney Dr. A. Jayamani	Chemistry	Development of Antimicrobial coatings using green synthesized nanoparticles for plummeting the effects of pathogens	121771
12	Dr. Aditya Sharma	Physics	Concentrated Growth Factor Incorporated Nanoparticles: A Novel Biodegradable Scaffold For Bone Tissue Regenerative Therapy	128589
13	Dr. Arpit Sand Dr. Vinayak V. Pathak	Chemistry	Synthesis and characterization of super adsorbent polymer (SAPs) for sanitary application and improvement of soil quality	117000
14	Dr. Babita Sharma	Education & Humanities	Effects of Mental Health on Educational Aspiration, Scholastic and Non Scholastic Performance of Ninth Standard Students of Government Schools in Urban and Rural areas in Haryana: A Comparative Study	135000
15	Dr. Sachita Yadav	Management	Ranking and Accreditation Systems in Higher Education in India: An Empirical Study	117533
Total				1720000

