

MINUTES OF ELEVENTH MEETING OF THE ACADEMIC COUNCIL OF MANAV RACHNA UNIVERSITY HELD ON TUESDAY, DATED 23.07.2019 AT 11:00 AM IN THE HG-14, H-BLOCK, MRU, SECTOR 43, DELHI SURAJKUND ROAD, FARIDABAD.

A meeting of the Academic Council was held on Tuesday, Dated 23.07.2019 in the Board Room, H- Block, MR Campus, Faridabad.

The following were present:

- 1) Prof. (Dr.) I.K. Bhat, Hon'ble Vice Chancellor / Chairman.
- 2) Prof. (Dr.) Anita Rastogi, Professor, JMI, New Delhi.
- 3) Prof. (Dr.) Devender Kumar, Professor, Delhi Technological University, Delhi.
- 4) Shri Pradeep Kumar, Head-Channel Sales, Altair Engineering
- 5) Prof. (Dr.) Sangeeta Banga, Dean, Academics
- 6) Prof. (Dr.) Shruti Vashisht, Dean, Students Welfare & HoD, ECE.
- 7) Prof (Dr.) Pradeep Kumar Varshney, Dean, Research
- 8) Prof. (Dr.) Parul Jhajharia, Dean, Management
- 9) Dr. Babita Parashar, Dean, Education
- 10) Shri. Jaideep Singh, Director, Industry Interaction
- 11) Ms. Hanu Bhardwaj, HoD, Computer Science & Engineering
- 12) Prof. (Dr.) Sujata Nayak, HoD, Mechanical Engg.
- 13) Dr. Jai Prakash, HOD, Physics
- 14) Dr. S.K. Shukla, HOD, Chemistry
- 15) Dr. Rashee Singh, HoD, Education.
- 16) Dr. Deepa Arora, HoD, Mathematics
- 17) Prof. (Dr.) Versha Vahini, HoD, Law
- 18) Prof. (Dr.) A. K Gupta, Professor, Chemistry
- 19) Prof. (Dr.) D.K. Sharma, Professor, Physics
- 20) Prof. (Dr.) Sushmita Ray, Professor, CSE
- 21) Ms. Meena Kapahi, Assoc. Professor, Chemistry
- 22) Dr. Jyoti Pruthi, Assoc. Professor, CSE.
- 23) Dr. Jai Prakash, Assoc. Professor, Physics
- 24) Dr. K.Singh, Registrar/Member Secretary

Prof.(Dr.) S. K. Garg, Pro Vice Chancellor, Delhi Technological University, Delhi , Prof. (Dr.) Reetesh Kumar Singh, Professor, Dept. of Com., Delhi School of Economics, Prof.(Dr.) Raj Senani, Professor Emeritus, Netaji Subhash University of Technology, Prof.(Dr.) G.S. Bajpayee, Professor & Registrar, National Law University, Delhi, Dr.S.K. Goel, Executive Director, Star wires (India) Ltd. Faridabad., Shri Ajay Kabra, Sr. Director - Agile Transformation, Xebia India, Prof. Kanupriya Sachdeva, Professor, MNIT, Jaipur, Dr. Pili Emmanuel Shubhakar, Associate Professor, MNIT, Jaipur, Dr. Pragati Chauhan, Assoc. Professor, Management and Prof. (Dr) Jose P. Varghese, Professor Emeritus, Dept. of Law could not attend the meeting due to their other professional engagements. They were granted leave of absence by the Chair.

The following are the minutes of the meeting:

Registrar welcomed the Members present in the meeting and requested them to rise for National Anthem. Meeting of the Council formally started after singing National Anthem

Registrar then, introduced Shri Predeep Kumar, Head-Channel Sales, Altair Engineering, who attended the meeting of the Academic Council for the first time, Prof. (Dr.) Anita Rastogi, Professor, JMI, New Delhi. and Prof. Devender Kumar, Professor, Delhi Technological University, Delhi and other members and requested the Vice Chancellor to open the meeting with his brief remarks.

11.1 Opening Remarks by the Chairman

The Chairman / Vice Chancellor, at the outset, greeted the members present in the meeting. He extended special welcome to Shri Pradeep Kumar, Head-Channel Sales, Altair Engineering and said his vast industry experience will enrich the Council and help in decision making.

The Chairman then informed that, as per Times Engineering Survey, 2019, Manav Rachna University is declared among the Top 3 emerging Engineering Institutes of the country. It is also the second most promising and emerging institute for Placement and Research Capabilities. He further said that admission process for the session 2019-20 is going on, 384 admissions have been made in all the programs till July 22, 2019. Three weeks induction program for the new entrants admitted in all the UG Programs was conducted by the University from July 08 to July 22, 2019. He congratulated the Dean, SW and the team of faculty members involved in organizing the orientation program for successfully conducting of the same and wishes the best in their Endeavour.

He then apprised the Council that University has signed an MoU with Altair Engg. and Design Tech. (Authorised partner of Altair Engg.) in the area of Design Analysis and simulation. Recently, 11 faculty members (8 from MRU and 3 from MRIIRS) have undergone training in Phase- I on this software. He further said that 19 faculty members in different disciplines (4 from CSE, 3 in Education, 1 in Humanities, 6 in Law and 5 in Management) have joined the University during the period of last three months. With the faculty additions in the above areas, the academic departments shall be further strengthened and would be able to boost their academics.

The Chairman then talked about the placement of the students which took place during the year 2019. He apprised that 49 students from CSE, 5 from ECE and 18 from Mechanical Engineering have been placed so far (salary package minimum 3.0 lakh per annum and maximum 12-1 lakh) The placement process for batch 2020 has also been initiated, 5 students have got placed with IBM as of Security Analyst Intern with package of 3 lakh per annum.

The Chairman further mentioned that a three days Faculty Development Program on Teaching Pedagogies was conducted for Deans & HoDs of the University during the period from 13th to 15th March, 2019. It included training on Role of faculty in building Quality University, Programme Objectives, Blooms taxonomy and setting of question paper, Active Learning including Cooperatives Learning, etc. With these words he concluded his remarks

and requested Registrar to take up the Agenda for deliberation. The Registrar took up the Agenda one by one as under.

11.2 Confirmation of the Minutes of the Tenth Meeting of the Academic Council held on 22.04.2019.

Decision: Academic Council approved the Minutes of the Tenth Meeting.

11.3 Action Taken Report on the decisions taken in the Tenth Meeting of the Academic Council.

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

11.4 Matters for Information

Academic Council was apprised of the information/progress on the following points and requested to take all the information on record.

- (i) MOU Signed with M/s Altair Engineering Ltd. for establishing Altair Centre of Excellence and some major expected outcome.
- (ii) Signing of MOUs with various Institution / Organization for academic development.
 - a. MoU between Manav Rachna University and Foundation for Global Science Initiatives (FGSI)
 - b. MoU between Manav Rachna University and Atal Incubation Centre-Birla
 - c. Institute of Management and Technology (BIMTECH), Greater Noida.
 - d. MOU between Manav Rachna University and Vivek International
 - e. MOU between Manav Rachna University and Sahai for IOT Lab.
- (iii) Constitution of Institutional Student Grievance Committee (ISGC) and Departmental Student Grievance Redressal Committee (DSGRC) as per provisions under UGC Regulation, 2019.
- (iv) Report on the Program Structure and Syllabus of Academic Departments decided to be approved by the Hon'ble VC in the last meeting.
- (v) Report regarding ongoing admissions for the Academic Session 2019-20.
- (vi) Students and Faculty achievements
- (vii) Reconstitution of Board of Studies & Departmental Research Committees of the various departments of the University

Decision: Academic Council took the above information on record.

11.5 Matter of ratification

- (i) **Shifting of the Dept. of Humanities under the Faculty of Education and renaming of the Faculties.**

- (ii) **Rounding off 0.5 & above in aggregate marks provided for eligibility prescribed for admission in the UG, PG Programs for the Academic Session 2019-20.**
- (iii) **Revision in the eligibility criterion for B. Tech., CSE, BBA (F&A) and B.Tech. M.E. with specialization in Smart Manufacturing & Automation**

It was apprised that the eligibility criteria for the above three programs were modified as follows to facilitate candidates to join the programs.

1. B. Tech (CSE) and BBA (F&A) : 55% in aggregate.
2. B.Tech (ME) with specialization SM & A : 50% in aggregate.

- (iv) **Relaxation to SC, ST & OBC Candidates**

Decision: Academic Council ratified the action taken by the University.

11.6 Approval of admission policy for the existing UG/PG Programs to be offered during the Academic Session 2020-21.

Academic Council was informed that University has been currently offering 19 UG & 07 PG Programs in different disciplines. These programs are continued to be offered in the Academic Year 2020-21 with minor modifications in the eligibility criteria and nomenclature of some of the programs. The details of all the UG, PG Programs, Intake, Eligibility Criteria and the Criteria for preparation of the merit list as mentioned below were presented before the Council for consideration and approval

TABLE INDICATING PROGRAMMES, INTAKE, ELIGIBILITY AND MERIT CRITERIA.

FACULTY OF ENGINEERING			
S.No.	Name of the Program	Intake	Minimum Eligibility Criteria
BACHELOR OF TECHNOLOGY			
1	B.Tech. CSE	180	Pass in 10+2 examination with at least 55% marks in aggregate in 5 subjects and eligibility shall be determined on the basis of percentage of aggregate marks in (i) English, Physics & Mathematics and (ii) One subject out of Chemistry, Computer Science, Biology or Biotechnology and (iii) One subject with the highest score out of the remaining subjects.
2	B.Tech. Electronics & Computers	30	Pass in 10+2 examination with at least 50% marks in aggregate in 5 subjects and eligibility shall be determined on the basis of percentage of aggregate marks in (i) English, Physics & Mathematics and (ii) One subject out of Chemistry, Computer Science, Biology or Biotechnology and (iii) One subject with the highest score out of the remaining subjects.

3	B.Tech. in Mechanical Engineering with specialization in Smart Manufacturing & Automation.	30	Pass in 10+2 examination with at least 50% marks in aggregate in 5 subjects and eligibility shall be determined on the basis of percentage of aggregate marks in i. English, Physics & Mathematics and ii. One subject out of Chemistry, Computer Science, Biology or Biotechnology and iii. One subject with the highest score out of the remaining subjects
4	B.Tech in Computer Science & Engineering with specialization in Artificial Intelligence & Machine Learning (<i>in association with Xebia</i>).	30	Pass in 10+2 examination with at least 65% marks in aggregate in 5 subjects and eligibility shall be determined on the basis of percentage of aggregate marks in i. English, Physics & Mathematics and ii. One subject out of Chemistry, Computer Science, Biology or Biotechnology and iii. One subject with the highest score out of the remaining subjects
5	B.Tech. in Computer Science & Engineering with specialization in cloud computing (<i>in association with Xebia</i>).	30	Pass in 10+2 examination with at least 65% marks in aggregate in 5 subjects and eligibility shall be determined on the basis of percentage of aggregate marks in (i). English, Physics & Mathematics and (ii). One subject out of Chemistry, Computer Science, Biology or Biotechnology and (iii). One subject with the highest score out of the remaining subjects.

Criteria for Preparation of Merit List. : Merit preparation / short listing of candidates shall be on the basis of score in JEE Mains 2020/SAT/Uni Gauge E 2020/MRNAT 2020 / XII Qualifying Examination.

BACHELOR OF TECHNOLOGY (LATERAL ENTRY)

S.No.	Name of the Program	Intake	Minimum Eligibility Criteria
6	B.Tech. CSE	9*	50% marks in Diploma in Engineering in any branch/discipline of 3 year duration from State Board of Technical Education, Haryana or equivalent examination or B.Sc. Degree from a recognized University as Defined by UGC, with at least 50 % marks and passed XII standard with Mathematics as a subject
7	B.Tech. ME	3*	
8	B.Tech. Electronics & Computer Engineering.	2*	
9	B.Tech in Computer Science & Engineering with specialization Data Science & Machine Learning (AI + ML)		65% marks in Diploma in Engineering in any branch/discipline of 3 year duration from State Board of Technical Education, Haryana or equivalent examination or B.Sc. Degree from a recognized University as Defined by UGC, with at least 50 % marks and passed XII

10	B.Tech. in Computer Science & Engineering with specialization in Digital Transformation Engineering (Cloud C)	2*	standard with Mathematics as a subject
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***In addition to above, admissions shall also be made against the seats remaining vacant in 1st year of Academic Year 2019-20.**

Criteria for Preparation of Merit List. : Merit preparation / short listing of candidates shall be on the basis of score in MRNAT 2020 / Diploma Qualifying Examination.

MASTER OF TECHNOLOGY

S.No.	Name of the Program	Intake	Minimum Eligibility Criteria
11	M.Tech. Computer Engineering	6	Minimum 50% Marks or equivalent CGPA in B.E./B.Tech. in Computer Science & Engineering /Computer Technology / Information Technology / MCA or equivalent.
12	M. Tech. Electronics & Communication Engineering with specialization in Embedded System & VLSI	6	Minimum 50% Marks or equivalent CGPA in B.E./B.Tech in Electronics & Communication Engg. / Telecommunication Engg. / Computer Science & Engineering / Instrumentation & Control Engg. / Electrical & Electronics Engineering / Electrical Engg. / Power Electronics or /MCA or M.Sc.-Computer Science/Information Technology / Electronics / Physics / Mathematics as one of the subjects.
13	M.Tech. Mechanical Engineering	6	Minimum 50% Marks or equivalent CGPA in B.E./B.Tech in in any discipline.

Criteria for Preparation of Merit List: Merit preparation / short listing of candidates shall be on the basis of score in GATE/ Graduation Qualifying Examination.

FACULTY OF MANAGEMENT & COMMERCE

S.No.	Name of the Program	Intake	Minimum Eligibility Criteria
BACHELOR IN BUSINESS ADMINISTRATION			
1	BBA (Health Care Management)	30	Pass in 10+2 examination with at least 50% marks in aggregate in 5 subjects. Should have qualified English as a subject.
2	BBA(Finance & Accounts)	60	Pass in 10+2 examination with at least 50% marks in aggregate in 5 subjects. Should have qualified English as a subject.
3	BBA (Entrepreneurship & Family Business)	60	Pass in 10+2 examination with at least 50% marks in aggregate in 5 subjects. Should have qualified English as a subject.
4	BBA (Operations Management with specialization in Supply Chain Management, Logistics & Projects Management)	30	

Criteria for Preparation of Merit List: Merit preparation / short listing of candidates shall be on the basis of score in SAT/ MRNAT/ 10+2 Qualifying Examination.			
FACULTY OF APPLIED SCIENCE			
S.No.	Name of the Program	Intake	Minimum Eligibility Criteria
1	B.Sc. (Hons.) Chemistry	30	Pass in 10+2 Examination / Equivalent Examination with at least 50% marks in aggregate in 5 subjects out of which 3 subjects English, Physics & Chemistry are mandatory.
2	B.Sc. (Hons.) Mathematics	25	Pass in 10+2 Examination / Equivalent Examination with at least 50% marks in aggregate in 5 subjects out of which 4 subjects Physics, Chemistry, Mathematics and English are mandatory.
3	B.Sc. (Hons.) Physics	25	
Criteria for Preparation of Merit List: Merit preparation / short listing of candidates shall be on the basis of score in SAT/ MRNAT/ 10+2 Qualifying Examination.			
MASTER OF SCIENCE			
S.No.	Name of the Program	Intake	Minimum Eligibility Criteria
1	M.Sc. Chemistry	30	Pass in B.Sc. with 50% or more marks or B.Sc. (Hons) in relevant subject.
2	M.Sc. Mathematics	20	
3	M.Sc. Physics	20	
Criteria for Preparation of Merit List. : Merit preparation / short listing of candidates shall be on the basis of score in MRNAT / Graduation Qualifying Examination.			
FACULTY OF EDUCATION AND HUMANITIES			
S.No.	Name Of Programme	Intake	Minimum Eligibility Criteria
1	B.Ed.	100	Pass with 50% or more marks in aggregate in the in 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.
2	*B.Ed. Special Education	30	Pass with 60% or more marks in aggregate in the in 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.
3	B.A. B.Ed. Integrated	50	Pass in 10+2 with 50% or more marks in aggregate with English as a subject.

4	B.Sc. B.Ed. Integrated	50	Pass in 10+2 with 50% or more marks in aggregate in Science - Medical/Non Medical Stream with English as a subject.
5	PG Diploma in Educational Leadership & Management (One year)	30	Graduation in any discipline with 50% marks and 2 years of work experience.
	Certificate Course in Early Childhood Care & Education (Duration-9 Months, Max-15 Months)	30	Graduate (with English as medium of Instruction) in any discipline with 50% Marks

Criteria for Preparation of Merit List.

For B.Ed./B.Ed. (Special Education) : Merit preparation / short listing of candidates shall be on the basis of score in MRNAT 2020 / Graduation Qualifying Examination.

For BA/B.Sc. B.Ed. : Merit preparation / short listing of candidates shall be on the basis of score in SAT/MRNAT 2020 / 10+2 Qualifying Examination.

FACULTY OF LAW

S.No.	Name Of Programme	Intake	Minimum Eligibility Criteria
1	B.A. LLB (Hons.)	60	Pass in 10+2 examination with 50% or more marks in aggregate in 5 subjects. Should have qualified English as a subject.
2	BBA LLB (Hons.)	60	
3	B.Com. LLB (Hons.)	60	
4	LL.M (one year) Regular	20	Pass in LL.B or 5yr Integrated Law course with 50% or more marks in aggregate.
5	LL.M (one year) of 2 year duration	40	Pass in LL.B or 5yr Integrated Law course with 50% or more marks in aggregate. Preference shall be given to the law graduates with experience of 3 years or more

Criteria for Preparation of Merit List:

Integrated LLB (H) : Merit preparation / short listing of candidates shall be on the basis of score in SAT/CLAT/MRNAT 2020 / 10+2 Qualifying Examination.

LLM (Regular) : Merit preparation / short listing of candidates shall be on the basis of score in MRNAT 2020 / LLB Qualifying Examination.

LLM (Part Time): Merit preparation / short listing of candidates shall be on the basis of score in MRNAT 2020 / LLB Qualifying Examination. Preference shall be given to the law graduates with experience of 3 years or more.

Note:

Eligibility of candidates (passed with six subjects in 10+2) shall be decided by considering five subjects (Compulsory and best of the remaining) in all the UG programs except B.Tech. Program.

Academic Council deliberated over the proposal and opined as under:

- A new Program B.Tech. Cyber Security with intake 30 may be started out of intake of B.Tech. CSE Program from 2020-21 as the demand for cyber security professional shall be more in the coming years.
- It was also opined that Mechanical Engineering Department may think of starting a B.Tech Mechanical Engineering with Specialization in E-Transportation or Design Programs which are more relevant and in demand with intake 30 from 2020-21.
- It was also opined that some more specialization in Master of Science be started under the Faculty of Applied Sciences. Dean Research was requested to consider and after discussing matter with the Faculty may come up with some new proposals.

Decision: Academic Council approved the Admission Policy of UG, PG Programs for the Academic Session 2020-21.

11.7 Approval of MRU (Consultancy) Rules, 2019.

Decision Academic Council considered and recommended the same for approval of the Board of Management.

11.8 Approval for SWYAM MOOCs Courses to be offered in Odd Semester 2019-20.

The Academic Departments have now, identified the MOOCs' to be offered during semester (July-Dec, 2019). The student have to choose them as an elective as prescribed for their Departments for credit transfer to the Examination. The MOOCs are offered as electives in three categories viz Domain, Allied areas and Workshops. The credit earned for these courses shall be taken into account for results of End Semester Examination (July-Dec, 2019) of the University. List of all such MOOCs' Courses were placed before the council for consideration and approval.

Decision: Academic Council approved the SWYAM MOOCs Courses to be offered in Odd Semester 2019-20.

11.9 Road Map (for next three months).

Academic Council took a note of the above for record.

10.10 Any other matter with the permission of Chair.

No item were presented,

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

Registrar

F.NO. MRU / AC (A&M) / Vol. III/2018/

Dated 13.08.2019

To,

- 1) Prof. (Dr.) I.K. Bhat, Hon'ble Vice Chancellor / Chairman.
- 2) Prof.(Dr.) S. K. Garg, Pro Vice Chancellor, Delhi Technological University, Delhi

- 3) Prof. (Dr.) Reetesh Kumar Singh, Professor, Dept. of Com., Delhi School of Economics,
- 4) Prof. (Dr.) Raj Senani, Professor Emeritus, Netaji Subhash University of Technology,
- 5) Prof. (Dr.) Anita Rastogi, Professor, JMI, New Delhi.
- 6) Prof. (Dr.) Devender Kumar, Professor, Delhi Technological University, Delhi.
- 7) Prof. (Dr.) G.S. Bajpayee, Professor & Registrar, National Law University, Delhi,
- 8) Shri Pradeep Kumar, Head-Channel Sales, Altair Engineering
- 9) Dr. S.K. Goel, Executive Director, Star wires (India) Ltd. Faridabad.
- 10) Shri Ajay Kabra, Sr. Director - Agile Transformation, Xebia India
- 11) Prof. Kanupriya Sachdeva, Professor, MNIT, Jaipur.
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- 32) Dr. Jai Prakash, Assoc. Professor, Physics
- 33) Dr. K. Singh, Registrar/Member Secretary