

Manav Rachna University

(Formerly Manav Rachna College of Engineering)

Faridabad



MINUTES

OF FIFTEENTH MEETING

OF

ACADEMIC COUNCIL

Dated: 14.01.2021



MINUTES OF FIFTEENTH MEETING OF THE ACADEMIC COUNCIL OF MANAV RACHNA UNIVERSITY HELD ONLINE THROUGH MICROSOFT TEAM APPLICATION ON 14.01.2021 AT 11:30 AM.

A meeting of the Academic Council of Manav Rachna University was held on Thursday, Dated 14.01.2021 at 11:30 AM to consider various academic matters.

The following were present:

- 1) Prof. (Dr.) I.K. Bhat, Vice Chancellor / Chairman
- 2) Prof. (Dr.) S.K. Garg, Professor, DTU, Delhi
- 3) Prof. (Dr.) Anita Rastogi, Professor, JMI, New Delhi.
- 4) Prof. (Dr.) Sangeeta Banga, Dean, Academics
- 5) Prof (Dr.) Pradeep Kumar Varshney, Dean, Research
- 6) Prof. (Dr.) Parul Jhaharia, Dean, Management & Commerce
- 7) Prof. (Dr.) Shruti Vashisht, Dean, Students Welfare & HoD, ECE.
- 8) Dr. Babita Parashar, Dean, Education\
- 9) Prof. (Dr.) Devender Kumar, Professor, D T U, Delhi.
- 10) Prof. Pilli Emmanuel Shubhakar, Associate Professor, MNIT, Jaipur
- 11) Prof. (Dr) R.K. Singh, Professor, DSE, Delhi
- 12) Ms. Hanu Bhardwaj, HoD, Computer Science & Technology
- 13) Prof. (Dr.) Sujata Nayak, HoD, Mechanical Engg.
- 14) Dr. Jai Prakash, HOD, Physics
- 15) Dr. Rashee Singh, HoD, Education.
- 16) Dr. Deepa Arora, HoD, Mathematics
- 17) Dr. S.K. Shukla, HOD, Chemistry ,
- 18) Dr. Paragati Chauhan, HoD, Mgt. & Com.
- 19) Prof. (Dr.) Geeta Thakur, Professor, Education & Head ASLI
- 20) Prof. (Dr). Sushmita Ray, Professor, CSE
- 21) Prof. (Dr.) D.K. Sharma, Professor, Physics
- 22) Prof. (Dr.) Jyoti Pruthi, Assoc. Professor, CST.
- 23) Ms. Meena Kapahi, Assoc. Professor, Chemistry
- 24) Dr. K. Singh, Registrar/Member Secretary

The following members could not attend the meeting due to their other professional engagements. They were granted leave of absence by the Chair:

- Prof. Kanupriya Sachdeva, Professor, MNIT, Jaipur
- Prof. (Dr) Raj Senani, Professor Emeritus & Former Director, NSIT
- Shri Pradeep Kumar, Head-Channel Sales, Altair Engineering,
- Prof.(Dr.) G.S. Bajpayee, Professor & Registrar, National Law Univ., Delhi,



- Dr. S.K. Goel, Executive Director, Star wires (India) Ltd. Faridabad.,
- Shri Ajay Kabra, Sr. Director - Agile Transformation, Xebia India,
- Prof. (Dr.) Versha Vahini, Associate Dean & HoD, Law

Following are the minutes of the meeting:

The Registrar welcomed all the members present in the meeting and requested the Vice Chancellor to open the meeting with his brief remarks.

14.1 Opening Remarks by the Chairman

Vice Chancellor greeted the members and said that during the period of pandemic, Manav Rachna University besides imparting instructions online, also conducted/participated in various activities/organized events. Some of the major ones are:

1. Manav Rachna Educational Institutions (MREI) began the New Year on an auspicious note with the culmination of week-long Mahamritunjya 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 have completed 10 years of their service with Manav Rachna were Honoured.
2. Based on the performance of Manav Rachna University-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 the classes for first semesters on 1st October. For students admitted late, extra classes were planned in the month of November for a week followed by in December for 2 weeks. Admission for the AY-20-21 closed on 10th Jan and total of 502 admissions under various programmes which is 81% of the last year Admissions.
4. Online entrance test for PhD was held on 5th December followed by Interviews. A total of 119 candidates appeared and 49 were short listed for admissions against 70 seats advertised in all the faculties of the University.
5. 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.



6. 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
7. Dr. Sujata Nayak, HOD Mechanical signed MOU from CYPE Software on 04.12.2020, CYPECAD MEP is a program for the design of the envelope, distribution and services of the building using an integrated 3D model for energy efficiency of the building
8. MRU has its 4th Convocation on 21st Jan, 491 candidates are going to be awarded the UG & PG degree and 1 candidate from Computer Science department and 1 from Management is going to be awarded the Ph.D Degree. 08 Thesis from CST, ECE & Management have also been submitted for evaluation.
9. MRU has opened the campus for students for physically attending the classes. At present students are being called one day per week for conducting labs & faculty interaction. Situation will be reviewed quarterly for changing the course of action
10. 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’.
11. Dr. Mrinal Pandey, Associate Professor, CST, 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.
12. 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 NITTTTR in November 2020
13. 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.
14. Dr. Babita Parashar, Dean, Faculty of Education & Humanities chaired session on “National Education Policy 2020 Universal Human Values” on 03rd October 2020.



15. 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. Followed by this another session was conducted on 7th November regarding the New Education Policy.

(B) Placements

Placement process for 2021 Batch is in progress. 60 students of Computer Science out of 156 eligible candidates placed with Jaro Education with Highest Salary Package: 6.6 LPA. 2 students of MSc chemistry have got placed with Expert Lancing at the package of 4 LPA.

(C) Research Publications in Journals and Conferences:

1. 58 research papers have been published/presented by faculty members and students in Journals and Conferences, out of which 36 papers are listed in Scopus and WoS databases and 22 in conferences.
2. 02 Patent granted /published in the name of faculty members since the last meeting.
 - 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.

Research Projects submitted by the faculty members

- 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. 22,26,000/-
- 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" along with Prof. Anupam Shukla, IIIT Pune to Ministry of IT on 31.12.2020. The cost of the project of Rs. 175.316 Lakhs.



Prototype Development and Innovation activities

- a) Students Participations in Innovation Competitions/Challenges/ Hackathon
 - i) 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.

Other activities organized by different units

- i. 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.
- ii. 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 in collaboration with Heartfulness Education Campus.
- iii. 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

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 earned 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 welcome letter mail sent to all external members and informed that 1st meeting of committee will be held in the month of January 2021.

Some 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.

The Chairman concluded his remarks of various events/activities and requested the Registrar to take up the subsequent agendas for discussion and the Registrar took up the agenda one by one in chronological order for deliberation:

15.2 Confirmation of the Minutes of the 14th Meeting of the Academic Council held on 20.09.2020.

Hon'ble Members of the Council were informed that Minutes of the 14th Meeting of the Academic Council, held on 20.09.2020, were circulated to all the members through email on 25.09.2020, no comments were received from any member. The Council was requested to confirm the Minutes.

Decision: Academic Council confirmed the minutes of last meeting of the Council.



15.3 Matter for information

The registrar informed the members that most of the points mentioned hereunder, have been already covered by Vice Chancellor in the opening remarks, hence he would have to skip those points for sake of repetition and may be some of them shall be read by him such as:

- (i) Awarding of Honoris Causa, Doctor of Science to Dr. Srikumar Banerjee and Doctor of Philosophy to Shri Harvind Kumar Batra during the forthcoming Convocation
- (ii) Medals & Awards to be given to the students during the Convocation.
- (iii) Achievements in General
- (iv) Students and Faculty achievements
- (v) Events & Activities
- (vi) MoUs Signed

The council was requested to take the above information on record.

Decision: Academic Council took the above information (i) to (vi) on record.

15.4 Matter for ratification

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

It was informed to the Members that Advisory Board, Faculty of law in its 8th Meeting of held on 17.10.2020, resolved 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; offer research support to the legislative secretariat & legislators in effective discharge of their legislative functions and such other matters.

The launch of Centre for Legislative Studies and Research was done through a launch webinar on Art and Science of Legislative Drafting on Saturday, 10th October, 2020 wherein the current secretary of Legislative Department, Ministry of Law and Justice was the key resource person. The Centre shall be headed by Shri. P K Malhotra, as Executive Chairperson, former Law Secretary, Government of India. The Centre is working on offering an Online Basic Appreciation Course on Legislative Drafting for 16 hour duration, spread out to 4 days in the month of February, 2021.

The organizational structure of the Centre shall be as follows:



1. Chair Professor
2. Administrative Coordinator
3. Research Staff shall comprise Research Associates, Research Scholars (PG students) and Project Assistant

A detailed note on establishment of "Manav Rachna Center of Excellence for Legislative Studies (MR-CLS) comprising details of its objectives, Organizational Structure and functions (general & specific) was placed before the Members as Annexure-II of agenda notes and the members ratified of decision taken by the University.

Decision: Academic Council ratified the above action of the University.

15.5 Action taken report on the decision taken in the 14th meeting of the Academic Council.

Hon'ble members were apprised about the action taken on the decisions and were requested to take it on record.

Decision: Academic Council showed satisfaction on the Action Taken on decisions of 14th meeting and took the same on record.

15.6 Approval of UG & PG admissions made for the Academic Year 2020-21.

Hon'ble members were apprised that the University opened the admission process for the academic session 2020-21 by inviting applications from the aspiring candidates from November-2019, however, due to global pandemic of Covid-19, the result of CBSE & Other Boards were delayed, various national examinations viz. CBSE, JEE Main-2020, NEET etc, were postponed, as a result, first MRNAT-20, which was originally scheduled to be held in April-20 was also postponed and conducted in May-2020 and thereafter, once in every month on a pre notified dates on the website during the month of June & July-2020. The merit list of the eligible candidates were prepared accordingly for admissions in the UG & PG Programs with instructions to the candidates to upload their documents online for scrutiny within specified time and after ensuring correctness, they were asked to submit their fee in applicable modes and scanned admission letter were issued online to them. The process of, walk-in counseling (Physical/Online) was started from August-20 which remains continued till 31st December 2020, as per the guidelines of the Regulatory Bodies, for all the UG/PG program. **502** admissions have been made in all professional and non engineering Programs. The faculty wise / program wise break up of admission made alongwith list of the students admitted in the various programs were present before the Members and proposed for approval of the Hon'ble Members.

Decision: Academic Council approved UG & PG admissions made for the Academic Year 2020-21.



15.7 Approval of Ph.D. admissions made for the Academic Year 2020-21

Hon'ble members were apprised that the University initiated the admission process for Ph.D. Programs for the academic session 2020-21 in the month September 2020 by inviting applications on the website of the University and also in leading newspapers. 49 Candidates were selected for admission to Ph.D. Programs against 70 seat available with the departments. Details of which are given as under:

S. No	Department	Available Seats	No. of candidates selected	Waiting	No. of candidates joined till date (Jan 6, 2021)
1	CST	8	8	3	6
2	ECE	5	1	0	1
3	Chemistry	10	6	0	1
4	Physics	10	3	0	3
5	Maths	8	2	0	0
6	Law	6	6	3	5
7	Education	12	12	3	10
8	Management	11	11	4	7
		70	49	13	33

Total 33 students joined the program till date.

Decision: Academic Council approved the Ph.D admissions made for the Academic Year 2020-21.

15.8 Approval regarding conferment of UG/PG/Ph.D. degrees to the passing out batch of 2020.

It was submitted that University has to confer Degrees to the UG/PG/Ph.D. students pass out in the year 2020, during the fourth Convocation to be held online on 21.01.2021. As per results received from the Examination Branch, 492 pass out students, including two Ph.D. degree recipient have to be conferred with the Degrees of Bachelor of Science (Hons.), Bachelor of Technology, Bachelor of Education, Bachelor of Business Administration, Master of Science (M. Sc), and Master of Technology (M.Tech) & Mater of law (LLM). Discipline wise list of the students was placed before the Hon'ble members with request to approve the conferment of degrees to the pass out students.



Decision: Academic Council approved the conferment of Degrees to 491 UG / PG /Ph.D. Scholars pass out in 2020.

15.9 Introduction of new specialization under BBA Program i.e. BBA Business Analytics

It was submitted for information that Department of Management & Commerce proposed to introduce a new specialization under BBA Program i.e. BBA Business Analytics with Intake 30. The said program shall be offered from the academic session 2021-22. The benefit of offering such program was dictated by the Dean, Management & Commerce. The summarized details of the course contents and resources required to run the specialization were placed before the Members with request to approve the Department for offering new specialization under BBA Program i.e. BBA Business Analytics from the Academic Session 2021-22 with proposed intake of 30.

Decision: Academic Council approved the Department for offering new specialization under BBA Program i.e. BBA Business Analytics from the Academic Session 2021-22 with proposed intake of 30.

15.10. Any other item with the permission of Chair.

— Approval of NPTEL/MOOC's Courses for Credit Transfer from Jan-June, 2021.

The Dean Academics apprised the Academic Council that the Department of Computer Science and Technology and Department of Education proposed to offer NPTEL/MOOC's Courses for Credit Transfer from Jan-June, 2021. The courses would be offered to B.Tech. CSE (General+DSML/DTE) 6th Semester and BA B.Ed /BSc B.Ed. Sem IV Semester. A detailed note on courses proposed to be offered were placed before the Hon'ble members and requested to approve the NPTEL/MOOC's Courses to be offered by Department of CSE and Education from Jan-June, 2021.

Decision: Academic Council approved the NPTEL / MOOC's Courses proposed to be for Credit Transfer from Jan-June, 2021.

The meeting ended with a vote of thanks to the Chair



(Dr. K. Singh)
Registrar/Member Secretary

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

Dated 19.01.2021

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, MREI for kind information to Hon'ble Vice President
- 4) Prof.(Dr.) S.K. Garg, Professor., Delhi Technological University, Delhi
- 5) Prof. R.K. Singh, Professor, Dept. of Com., Delhi School of Eco., N.D.
- 6) Prof. Raj Senani, Professor Emeritus & Former Director, NSIT now, Netaji Subhash University of Technology, Dwarka, Sector-3, New Delhi-110078.
- 7) Prof. Anita Rastogi, Professor, JMI University, Ghaffar Manzil Colony, Jamia Nagar, Okhla, New Delhi, 110025.
- 8) Prof. Pilli Emmanuel Shubhakar, Associate Professor, MNIT, Jawahar Lal Nehru Marg, Jhalana Gram, Malviya Nagar, Jaipur, Rajasthan 302017.
- 9) Prof. Kanupriya Sachdeva, Professor, MNIT, , Jawahar Lal Nehru Marg, Jhalana Gram, Malviya Nagar, Jaipur, Rajasthan 302017.
- 10) Prof. Devender Kumar, Professor, Delhi Technological University, Delhi
- 11) Prof. G.S. Bajpayee, Professor & Registrar, National Law University, Pocket 1, Sector, Dwarka, New Delhi, 110078.
- 12) Dr. S. K. Goyal ,Executive Director, Star Wire(India) Ltd. & former President, FIA, 21/4 Mathura Road, Ballabgarh-121004 (Haryana).
- 13) Shri Ajay Kabra, Sr. Director - Agile Transformation, Xebia India., Capital Cyberspace, 4th Floor, Sector-59, Golf Course Extension Road, Gurugram, Haryana-122005
- 14) Shri Pradeep Kumar, Head-Channel Sales, Altair Engineering, Suite No. F-10, 1st Floor, Salcon Rasvilas, Plot No. D-1, District Centre, Saket, New Delhi-110017.
- 15) Dr. Sangeeta Banga, Professor, Dean Academics
- 16) Prof.Parul Jhaharia, Dean, Management and Humanities
- 17) Prof.Shruti Vashisht, Dean Student Welfare & HoD, ECE.
- 18) Prof Pradeep Kumar Varshney, Dean, Research & Applied Sciences
- 19) Prof. Babita Parashar, Dean Education
- 20) Ms. Hanu Bhardwaj, HoD, Computer Science & Engineering
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- 30) Prof. Sushmita Ray, Professor, CSE
- 31) Ms. Meena Kapahi, Associate Professor
- 32) Prof. Jyoti Pruthi, Associate Professor, CSE.

