

**MINUTES OF THE SEVENTH MEETING OF THE ACADEMIC COUNCIL OF MANAV RACHNA UNIVERSITY HELD ON WEDNESDAY, DATED 06.06.2018 AT 11:00 A.M. IN THE BOARD ROOM, H BLOCK, MRU CAMPUS, FARIDABAD.**

A meeting of the Academic Council was held on 06.06.2018 in the Board Room, H- Block, MRU Campus, Faridabad.

The following were present:

1. Prof.(Dr.) Sanjay Srivastava, Hon'ble Vice Chancellor/ Chairman
2. Prof.(Dr.) M. S. Khurana, Pro Vice Chancellor & Dean (Academics)
3. Prof.(Dr.) R. K. Singh, Professor, Delhi School of Economics, D.U;
4. Prof.(Dr.) P. K. Bhatnagar, Professor, Dept. of Electronics, D.U;
5. Dr. S.K. Goel, Executive Director, Star wires(India) Ltd. Faridabad.
6. Prof.(Dr.) B.M. Bahal, Dean, Faculty of Applied Sciences & Research.
7. Dr. Sujata Nayak, HoD, Dept. of Mech. Engg.
8. Dr. Y.K. Awasthi, HoD, Dept. of E & C Engg.
9. Ms. Hanu Bhardwaj, HoD, Dept. of Computer Science & Tech;
10. Dr. Megha Mittal, HoD, Dept. of Chemistry;
11. Dr. Haider Abbas, HoD, Dept. of Physics;
12. Dr.A.K. Awasthi for, HoD, Dept. of Mathematics;
13. Mr. Jaideep Singh, HoD, Dept. of Humanities & languages;
14. Dr. Varsha Vahini, HoD, Dept. of Law
15. Prof.(Dr.) A. K. Gupta, Professor, (Chemistry);
16. Prof.(Dr.) Sangeeta Banga, Professor (Chemistry.);
17. Ms. Meena Kapahi, Associate Professor (Chemistry.);
18. Dr. S.K. Shukla, Associate Professor (Chemistry);
19. Dr. Kameshwar Singh, Registrar / Member Secretary;

Prof. Arindom Chatterjee, Professor, Mgt. & Com., attended the Meeting on behalf of HoD, Mgt. & Com., Ms. Yogita Khanna, Associate Head, ECE, Dr. Pragati Chauhan, Assistant Professor, Dept of Mgt & Com, & Dr. Jyoti Pruthi, Associate Professor, CSE also attended the meeting to assist their HoDs' in deliberations.

Prof.(Dr.) S. K. Garg, Pro Vice Chancellor, Delhi Technological University, Delhi, Prof. (Dr). Kanwal DP Singh, Dean, Faculty of Law, GGSIP University, New Delhi, Dr. Vandana Singh, Assoc. Professor, IGNOU, Delhi, Prof.(Dr.) D.K. Sharma, Professor (Physics); Prof.(Dr). Jai R. Bhatnagar, Professor (CSE), Prof.( Dr.) Rajat Gera, HoD, (Mgt. & Commerce) and Dr. Babita Parashar, HoD (Education); could not attend the meeting due to their pre-occupation in other professional engagements. They were granted leave of absence by the Chair.

The following are the minutes of the meeting:

## 7.1 Opening remarks by the Chairperson:

The Chairperson welcomed the Members present in the meeting. He extended a special welcome to Prof. (Dr.) Arindum Chatterjee, Professor, Mgt. & Com., who attended the meeting of the Academic Council for the first time on behalf of the HoD, Mgt. & commerce. The Chairperson mentioned that he feels happy to share that Manav Rachna University has been awarded with 'QS I-Gauge GOLD Rating' during the pilot event of Higher Education Rating System QS I-Gauge in New Delhi. QS I-GAUGE Gold Star Rating for the University is testimony to our focus on quality education, research and innovation eco-system over the years. He further said that a team of 14 students from Carleton University, Ottawa (Canada) visited the University Campus for a week under collaborative arrangement during the period from 07.05.2018 to 14.05.2018. The team was coordinated by Ms Meena Kapahi, Associate Professor looking after International Affair, Dr. Deepa Arora, Assistant professor and some other faculty members.

The University has recently started a Lecture series on different topics of public importance, first such Public Lecture on "Emerging Anti - Money Laundering and Benami Laws was organized on 2<sup>nd</sup> June, 2018. Mr. Arbind Modi, Member CBDT (Legislation) delivered the talk which received a huge applaud from the persons who attended the Lecture. The virtual Lab has also been started under the AICTE guideline. Dr. Mrinal Pandey, Assistant professor has been looking after the work. The Concluding Ceremony was also organized for the final year students of B.Tech and. B.Sc (Honours) programs of graduating year 2014-2018 and 2015-18 respectively.

He further shared with the Members the details of the Manav Rachna Excellence Award, which is given on the Birth Anniversary of the Founder Visionary Dr. O.P. Bhalla ji. Prof. Kaptan Singh Solanki, Hon'ble Governor of the State of Haryana was the Chief Guest on the occasion. Padmasri Dr. Pritam Singh Hon. Director General, Manav Rachna Educational Institutions headed the Search Committee at whose recommendation, the under mentioned persons from various walks of life were presented the Award for their achievement in different field.

**Mr. Arun Maira**, Former Member of Planning Commission of India was presented with Life Time Achievement Award, **Mr. Mukesh Kumar Surana**, Chairman & MD of Hindustan Petroleum Corporation Limited - Corporate & Industry Award, **Mr. Puneet Yadu Dalmia**, MD-OCL India Limited - Young Leader Award, **Mr. R.V. Shahi**, Chairman of Energy Infratech Private Limited - Nation Building Award, **Dr. Steven West**, Vice Chancellor, President and Chief Executive Officer - UWE-Bristol - Global Thought Leader, **Mr. Yudhvir Singh Malik**, IAS, Secretary of Ministry of Road Transport & Highways - Change Maestro Award, **Mr. Rajeev Dubey**, President-HR Mahindra & Mahindra - People Builder Award and **Mr. Vijay Kumar Sharma** - ACE Shooter - Sports Award.

Lastly, the Chairman talked about the RAMKATHA which was organized by the Manav Rachna at a very large scale for 9 days from 26<sup>th</sup> May to 3<sup>rd</sup> June, 2018. Holy saint Morari

Bapu ji, a renowned exponent on Ram Charit Manas, who has been reciting Ram Katha for over 50 years, recited "Shri Ram Katha". The inaugural ceremony was marked by the presence of Srimati. Smiriti Irani ji, Hon'ble Minister of Textile, Govt. of India. It was followed by visit of the eminent dignitaries of the State / Govt. of Haryana viz. His Excellency Governor of State of Haryana, Hon'ble Chief Minister, Hon'ble Minister of Education, Hon'ble Minister of Industry, Haryana, Member of Parliament and MLAs of the area. Approximately 12000-15000 persons from different walks of life from adjoining cities/towns/villages of Faridabad and distant places came to attend the Ram Katha daily. Bhandara was also organized every day for all the devotees present. With these words, he concluded his opening remarks and requested the Registrar to take up the Agenda. The Registrar took the agenda items one by one for deliberation.

## **7.2 Confirmation of the Minutes of the last meeting of the Academic Council held on 08.12. 2017.**

**Decision: Academic Council confirmed the Minutes of the last meeting.**

## **7.3 Action Taken Report on the decisions taken in the Sixth Meeting of the Academic Council.**

The Council was apprised with the action taken by the University on the decisions of the AC taken in the last meeting and requested to take it on record.

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

## **7.4 Matters for Information**

Registrar apprised the Hon'ble Members of the Academic Council of the achievements made by some of the faculty and students during the last 6 months period as under:

- (i) Achievements by the Faculty**
- (ii) Achievements by the Students**

**Academic Council took the above information on record.**

## **7.5 Approval of Program Structure and Syllabus for the Second Semester of Law Programs.**

The copies of the program structure and course curriculum for the Second Semester for all the three programs were tabled in the meeting for consideration of the council. The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same.

**Decision: Academic council approved the Program Structure and Syllabus for the Second Semester of all the three law programs with the advice that the department**

**should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

#### **7.6 Approval of the Ordinance relating to award of Bachelor Degree in Business Administration.**

The draft Ordinance was duly deliberated by the Council. Prof. ( Dr.) R K. Singh, one of the Expert Members mentioned that “**preferably at a beginning of the semester**” under the sub para of the clause 7.1 (a) gives leverage to admit the candidate at any time in any semester, this needs to be given a relook. Registrar submitted before the Council that in the First Ordinance of the University, in case of admission through Migration, it is clearly mentioned that a candidate may be allowed to migrate to this university from other universities **at the beginning of preferably third semester**. We may follow the same in case of BBA ordinance. This was unanimously agreed.

**Decision: Academic Council approved the Ordinance with the advice as above and recommended for placing the same before the Board of Management for their approval. Recommended Ordinance is annexed as Annexure-I**

#### **7.7 Revision of syllabus for the B.Tech., Electronics & Communication Engineering**

**Decision: Academic council approved the Program Structure and Syllabus for the B.Tech. Electronics & Communication Engineering Program with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

#### **7.8 Approval of Program Structure and Syllabus of the new UG Programs- B.Tech, Electronics & Computer Engineering.**

The Department of Electronics and Communication Engineering under which the program is to be offered has now proposed the Program Structure and Syllabus for the above program after due deliberation and approval of the BoS of the Department. The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

**Decision: Academic council approved the Program Structure and Syllabus for the new UG Programs- B.Tech, Electronics & Computer Engineering with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

#### **7.9 Approval of Program Structure and Syllabus of the new PG Programs- M.Tech, Embedded System and VLSI.**

The Department has proposed the Program Structure and Syllabus for the above program after due deliberation and approval of the BoS of the Department. The same shall be tabled in the meeting for consideration of the Council.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

**Decision: Academic council approved the Program Structure and Syllabus for new PG Programs- M.Tech, Embedded System and VLSI with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

#### **7.10 Revision in Program Structure of the B.Tech. & M.Tech.-Mechanical Engineering.**

The Department, after due deliberation on the subject matter in the BoS has now proposed some changes in the Program Structure of the existing UG, PG Programs offered by it.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

**Decision: Academic council approved the revised Program Structure and Syllabus for the B.Tech. & M.Tech.-Mechanical Engineering with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

#### **7.11 Revision of the courses offered under B.Sc (H) Chemistry.**

Department has proposed minor changes in the Environmental Science Scheme as 2-0-0-2 mode in place of existing 1-0-2-0 mode. There is no change in the content of the existing syllabus except classifying few topics which are proposed to be covered in outcome mode. Academic Council was requested to approve the same.

**Decision: Academic Council approved the proposed syllabus of B.Sc. (H) Chemistry.**

#### **7.12 Introduction of new specialization Inorganic Chemistry in M.Sc.- Chemistry Program.**

Academic Council was informed that the Department of Chemistry has proposed to offer one more specialization i.e. Inorganic Chemistry from the academic year 2018-19. This will enable the students to have an option to choose one of them.

The Department has also proposed to increase the credit for the Major Project from **6 to 8** which is currently offered in 4<sup>th</sup> semester of Organic Chemistry. This scheme shall also be

followed for new specialization in Inorganic Chemistry to be introduced from the Academic Session, 2018-19.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

**Decision: Academic council approved the Program Structure and Syllabus for the new specialization in Inorganic Chemistry in respect of M.Sc.-Chemistry Program and revision in the existing syllabi of Organic Chemistry offered in 4<sup>th</sup> Semester with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

### **7.13 Revision in the syllabus of Chemistry offered to Ist year students of B.Tech. programs.**

It was submitted that the Department of Chemistry has made proposal to amend the course contents of Chemistry offered to the student of engineering discipline in view of the model curriculum launched by the AICTE in the recent past. Considering the contents prescribed in the model curriculum and the one under offer to the students, the Department has come out with necessary changes in the existing course contents of the Chemistry. Some of the topics from the courses have been deleted or substituted with new one.

The Changes proposed in the course contents to be offered to the engineering students are placed before the Council for consideration. The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

**Decision: Academic council approved the revision in the Program Structure & syllabus of Chemistry offered to Ist year students of B.Tech programs with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

### **7.14 Approval of Program Structure & Syllabus for BBA Programs from 2<sup>nd</sup> to 4<sup>th</sup> Semester.**

Detailed program structure & Syllabus for BBA Programs in three specializations were placed before the Academic Council for consideration. The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

**Decision: Academic council approved the Program Structure & Syllabus for BBA Programs from 2<sup>nd</sup> to 4<sup>th</sup> Semester with the advice that the department should revisit the**

**syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

#### **7.15 Any other matter with the permission of chair.**

Dr S. K. Goyal, Hon'ble member of the Academic Council tried to know whether the University had Industry connect or not. He mentioned that faculty members should take out some time from their regular schedule to spent few hours in Industry; it would provide Industry exposure to them. He further stated that 10% of the programme should come from industry sponsorship. Board of Studies of the Departments should have people from industry so that they remain aware of the need of the industry. He would provide the names from the pool of industry people available with him, Pro Vice Chancellor and Director Industry Interaction briefed Dr. Goyal of the efforts put forth by the university departments to provide industry exposure to the students. He assured to help the University on the following:

1. PhD sponsorship by Industry.
2. Post Graduation in collaboration with Industry.
3. CSR grant from Industry for revival of Pond in Village.

Prof. R.K. Singh, another Hon'ble member of the Council stated that, it is indeed a wonderful idea that faculty should visit the industry to have a meaningful dialogue with the industry people, but if we work on the pattern of Silicon Valley, Industry can also visit MRU. It may better be called as industry academia face. Dr. Goyal may be right person for this discourse. He applauded the University for the efforts put forth by it in pursuit of achieving its goal in short span of three & half years of existence.

#### **S.A.7.1 Revision of syllabus for the B.Tech., Computer Science & Engineering.**

In view of the model curriculum launched by the AICTE in the recent past, the Department revisited the syllabus in the meeting of the Board of Studies and has now proposed for reducing overall credits in respect of B.Tech CSE Program from 200 to 160 and M.Tech CSE Programs from 93 to 68 from the Academic Session 2018-19. Further, changes have also been proposed in the existing syllabi for 2015, 2016 & 2017 batch. The details thereof were presented before the Council.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

**Decision: Academic council approved the revision in the syllabus of B.Tech., Computer Science & Engineering with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

### **S.A.7.2 Approval of Program Structure & Syllabus for B.Tech Computer Science and Engineering with Specialization in Data Science & Machine Learning and B.Tech CSE with specialization in Digital Transformation Engineering.**

As informed by the Department, the contents for the common courses relating to the Computer Science shall remain the same, as it is, for B.Tech CSE, however, for the additional courses for specializations, which will be taught to the students, the Department has come out with the separate program structure and syllabus.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

**Decision: Academic council approved Program Structure & Syllabus for B.Tech Computer Science and Engineering with Specialization in Data Science & Machine Learning and B.Tech CSE with specialization in Digital Transformation Engineering and advised that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

### **S.A.7.3. Revision of syllabus of Physics offered under B.Tech Programs.**

The Academic Council was informed that the Department of Physics has revisited the syllabus of the above program in the wake of model curriculum launched by the AICTE and has come out with changes in courses viz Quantum Mechanics for Engineers offered to B.Tech CSE, 1<sup>st</sup> Semester, Introduction to Mechanics offered to B.Tech ME, 1<sup>st</sup> Semester, Introduction to Electro-Magnetic Theory offered to B.Tech, ECE, 2<sup>nd</sup> Semester and Oscillations, waves & optics offered to B.Tech ME 3<sup>rd</sup> Semester. The program structure & syllabus were presented before the Council for consideration.

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same.

**Decision: Academic council approved the revision of the syllabus of Physics offered under B.Tech Programs with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

### **S.A.7.4. Revision of syllabus of Physics offered under 2<sup>nd</sup> Semester of M.Sc. (Physics) Programs.**

The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same.

**Decision: Academic council approved the revision in the syllabus of Physics offered under 2<sup>nd</sup> Semester of M.Sc. (Physics) Programs with the advice that the department**



**should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

**S.A.7.5 Revision of courses offered under the Humanities to B.Tech & B.Sc (Hons.) 1<sup>st</sup> Year Students.**

The revised course contents deliberated in the meeting of Board of Studies of the Department. The Council deliberated over the proposed syllabi and advised that references should be given in all the sections/Units. The depts. should revisit the references and update the same

**Decision: Academic council approved the revision of courses offered under the Humanities to B.Tech & B.Sc (Hons.) 1<sup>st</sup> Year Students with the advice that the department should revisit the syllabus. The Council authorized Vice Chancellor/ Chairman to approve the updated syllabus.**

SD/-  
**(Dr. K. Singh)**  
**Registrar/Member Secretary**

F. No. MRU/AC (A&M)/ Vol. II/2017

Dated: 03.01.2018

Copy to:

1. Ps to Chancellor for kind information of the Hon'ble Chancellor
2. Ps to VC for kind information of the Hon'ble Vice Chancellor
3. Ps to VP for kind information of the Hon'ble Vice President
4. Prof.(Dr.) M. S. Khurana, Pro Vice Chancellor & Dean (Academics)
5. Prof.(Dr.) B.M. Bahal, Dean (Applied Sciences & Research);
6. Prof.(Dr.) P. K. Bhatnagar, Professor, Dept. of Elecs, D.U;
7. Prof.(Dr.) S. K. Garg, Pro Vice Chancellor, Delhi Technological Univ.,
8. Dr. S.K. Goel, Executive Director, Star wires(India) Ltd. Faridabad
9. Prof.(Dr.) R. K. Singh, Professor, Delhi School of Economics, D.U;
10. Dr. Vandana Singh, Assoc. Professor, IGNOU, Delhi
11. Prof. (Dr). Kanwal DP Singh, Dean, Faculty of Law, GGSIP University, New Delhi,
12. Prof.(Dr.) Rajat Gera, HoD (Management & Commerce);
13. Dr. Sujata nayak, HoD ( Mech. Engg.)
14. Dr. Y.K. Awasthi, HoD (E & C Engg.);
15. Ms. Hanu Bhardwaj, HoD (Computer Science & Tech).;
16. Dr. Megha mittal, HoD, Dept. of Chemistry
17. Dr. Haider Abbas, HoD, (Physics);
18. Dr.A.K. Awasthi for, HoD, (Mathematics);
19. Mr. Jaideep Singh, HoD, (Humanities)
20. Dr. Babita Parashar, HoD ( Education);

21. Dr. Varsha Vahini, HoD, Law
22. Prof.(Dr.) A. K. Gupta, Professor, (Chemistry);
23. Prof.(Dr.)Jai R. Bhatnagar, Professor (CST)
24. Prof.(Dr.) D.K. Sharma, Professor (Physics);
25. Dr. Sangeeta Banga, Professor (Chemistry.);
26. Ms. Meena Kapahi, Associate Professor (Mech. Engg.);
27. Dr. S.K. Shukla, Assoc. Professor
28. Dr. Kameshwar Singh, Registrar / Member Secretary;