Minutes of Meeting

7th Faculty Board of Engineering

Meeting of the Faculty Board of Engineering was held on 7th April 2017 at 11:30 AM, in Board Room, 3rd Floor, 1C Building.

Members present in the meeting are:

1. Prof N N Sharma, Dean FoE & Director SAMM (Chairperson)
2. Prof Awdhesh Kumar, Dean FA & Provost
3. Prof Rajesh Mathur, Director SCCE
4. Prof Rajveer Singh Shekhawat, Director SCIT
5. Prof Satish Chadra Kulhari, HoD Computer Science & Engg.
6. Prof Vijay Pal Singh Dhaka, HoD Computer & Communication Engg
7. Prof Ram Dayal, HoD Mechatronics Engineering
8. Prof Rajesh Solanki, HoD Automobile Engineering
9. Prof Ashok Kumar Sharma, HoD Mechanical Engineering
10. Dr. Amit Rathi, HoD Electronics & Communication Engg.,
11. Dr Abhishek Sharma, HoD Chemical Engineering
12. Prof Sharavan Kumar Jhajharia, Dept of Electrical Engg.
13. Prof B P Singh, Dept of Electronics & Communication Engg.
14. Prof Vivekanand Tiwari, Dept of Electronics & Communication Engg.
15. Prof Keshaw Jee Sharma, Dept of Civil Engineering
16. Prof R A Dubey, Dept of Mechanical Engineering
17. Prof Ajay Kumar, Dept of Mechatronics Engineering

Members excused/absent in the meeting:

1. Prof. Raj Sharma, Professor Emeritus
2. Prof S N Sharan, Director SEEC
3. Prof. Amit Soni, HoD Electrical Engineering
4. Prof Sumit Srivastava, HoD Information Technology

5. Mr Anil Dutt Vyas, HoD Civil Engineering
6. Prof Raj Kishore Pareek, Dept of Civil Engineering

Invitee member in the meeting:

1. Prof Kumkum Garg, Pro President

Ex-Officio Secretary:

1. Prof Vandana Suhag

The Chairperson welcomed all the members to the meeting. After confirming the quorum, the agenda was taken up for discussion.

7FOE (A) Confirmation of Minutes of 6th Meeting of the Faculty Board of Engineering

There being no comments, the minutes of 6th Meeting of the Faculty Board of Engineering were confirmed.

7FOE (B) Review of Action Taken on Minutes of 6th Meeting of the Faculty Board of Engineering

The Actions Taken report on the decisions during 6th meeting of the Faculty Board of Engineering was noted and confirmed.

7FOE (C) REPORTING AND RATIFICATION ITEMS

Nil

7FOE (D) DISCUSSION AND DECISION ITEMS

7FOE (D-1) Revamped Scheme of 5th and 6th semester of B.Tech. (Civil Engineering, CSE, IT, CCE)

Faculty Board of Engineering has recommended the revamped scheme of 5th and 6th Semester B Tech Programme (Civil Engineering) and minor modifications in approved

revamped scheme of B Tech Programme (CSE, IT and CCE). If approved by Academic Council, this will be made effective for the students admitted in 2015-16 & onwards.

7FOE (D-2) Revamped Syllabi of 5th and 6th semester of B.Tech. (Civil Engineering, Chemical Engineering, Mechanical Engineering, Mechatronics Engineering, Computer Science & Engg., Information Technology, Computer & Communication Engineering)

Faculty Board of Engineering has recommended the revamped syllabi of 5th and 6th Semester B Tech Programmes (Civil Engineering, Chemical Engineering, Mechanical Engineering, Mechatronics Engineering, Computer Science & Engg., Information Technology, Computer & Communication Engineering). If approved by Academic Council, this will be made effective for the students admitted in 2015-16 & onwards.

7FOE (D-3) Syllabi of Open Elective Courses of 5th and 6th semester of B.Tech. (Electronics & Communication Engineering)

Faculty Board of Engineering has recommended the Open Elective Courses of 5th and 6th Semester B Tech Programme (ECE). These courses will be offered by Department of ECE to the students of other programmes. If approved by Academic Council, this will be made effective for the students admitted in 2015-16 & onwards.

7FOE (D-4) Changes in Names of few Program Elective Courses in 5th semester B.Tech. Programme (Mechanical Engineering) and in M.Tech. Programme (Mechanical Engineering)

Faculty Board of Engineering has recommended change in names of following Program Elective Courses:

- Department elective course name "Turbo machines and Gas Dynamics" to "Turbomachinery" with same course code ME1555 in B.Tech. V semester.

- Department elective course name "Design against Fatigue Failure" to "Design for Fatigue and Fracture" with same course code ME2151 in M.Tech. I semester.

Faculty Board of Engineering has also recommended to replace department elective course name "Special Module in Systems Design" to "Tribology" with same course code ME2257 in M.Tech. II Semester.

The recommended modifications will be reported to the Academic Council.

7FOE (D-5) Revamped Scheme of M.Tech. (Civil Engineering and Electrical Engineering)

Faculty Board of Engineering has recommended the revamped scheme of M Tech Programme (Civil Engineering and Electrical Engineering). If approved by Academic Council, this will be made effective for the students admitted in 2017-18 & onwards.

7FOE (D-6) Revamped Syllabi of M.Tech. (Civil Engineering, Mechanical Engineering, Electronics & Communication Engineering and Electrical Engineering)

Faculty Board of Engineering has recommended the revamped syllabi of M Tech Programmes (Civil Engineering, Mechanical Engineering, Electronics & Communication Engineering and Electrical Engineering). If approved by Academic Council, this will be made effective for the students admitted in 2017-18 & onwards.

7FOE (D-7) Modifications in existing Collaborative M Tech Programme with C-DAC

Faculty Board of Engineering has recommended the renaming of the specialization for M.Tech CSE (with C-DAC) programme as under:

- **High Performance Computing** to be renamed as **Advanced Computing & Data Science.**
- **IT systems and Network security** to be renamed as **Information and Network systems.**

The Faculty Board has also recommended the revised scheme & syllabi of M.Tech CSE (with C-DAC) Programme with specialization on Advanced Computing & Data Science.

If approved by Academic Council, this will be made effective for the students admitted in 2017-18 & onwards.

7FOE (D-8) Ph.D. Research Methodology and Self Study Courses

Faculty Board of Engineering has recommended the following PhD self-study courses:

Department Name	Course Name
Electronics & Communication Engineering	• EC3210 Neuro Fuzzy Control Systems • EC3211 Spectrum Management in Wireless Communication Systems
Electrical Engineering	• EE 3103 Wide-Area Monitoring and Control of Power System • EE 3103 Photovoltaic Science & Engineering
Civil Engineering	• CV3209 Rainwater for drinking: Techno-social scenario in Rajasthan
Mechanical Engineering	• ME3101 Biofluid Mechanics • ME3103 Automotive Emissions and Control • ME3204 Advanced Machining Processes • ME3206 Energy Storage

Modifications in Research Methodology paper of Ph.D. Coursework for Engineering Research Scholars has been approved.

7FOE (E) ANY OTHER MATTER WITH THE PERMISSION OF THE CHAIR

7FOE (E-1) Modification in Relative weightage of B.Tech. & M.Tech programmes

The Faculty Board of Engineering has recommended that from 2017-18, the weightage of marks for all theory courses will be as follows:

CWS = 30, MTE = 30 and ETE = 40

In this context, it was proposed to regularly give home as well as class assignments to the students. This must be followed by taking quizzes fortnightly during one of the scheduled lectures. However, depending on operational management and type of programme, weightage of Lab courses can be 70-30 or 60-40.

7FOE (E-2) A course on Research Methodology in all M.Tech programmes

The Faculty board of Engineering has recommended that all M.Tech programmes must have a common course on Research Methodology with course code RM 2101.

7FOE (E-3) MOOC / SWAYAM Courses as Open Elective Courses
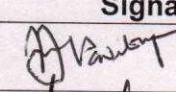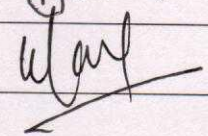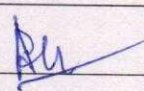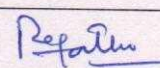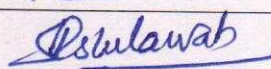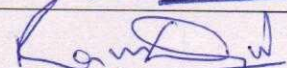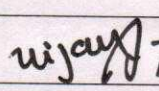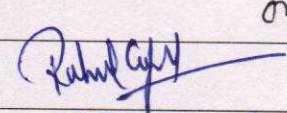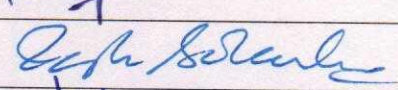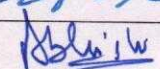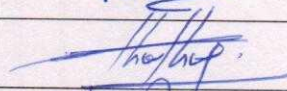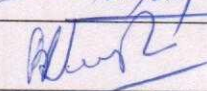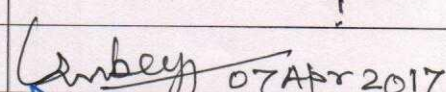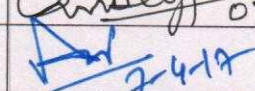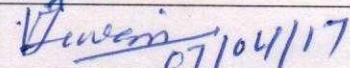
The Faculty Board of Engineering was informed that 40 courses have been identified from SWAYAM and Coursera which can be floated as Open Elective Courses. Out of these, two to three courses can be floated in upcoming semester. It was suggested that a committee should be formed to find out an evaluation method of these courses.

7FOE (E-4) To follow approved format for scheme and syllabi
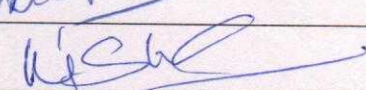
It was emphasized in the meeting that scheme and syllabi of all M.Tech. and B.Tech. programmes should be as per approved format.

Prof. N.N. Sharma
Dean, Faculty of Engg.
Manipal University Jaipur

MANIPAL UNIVERSITY JAIPUR
Faculty Board Meeting
Attendance Sheet on April 07, 2017

S No	Name	Status	Signature
1.	Prof N N Sharma, Dean FoE & Director SAMM	Chairperson	
2.	Prof Kumkum Garg, Pro VC	Invitee	
3.	Prof Raj Sharma, Professor Emeritus	Member	
4.	Prof Awdhesh Kumar, Dean FA	Member	
5.	Prof S N Sharan, Director SEEC	Member	on leave
6.	Prof Rajesh Mathur, Director SCCE	Member	
7.	Prof Rajveer Singh Shekhawat, Director SCIT	Member	
8.	Prof Ram Dayal, HoD Mechatronics Engineering	Member	
9.	Prof Satish Chandra Kulhari, HoD CSE	Member	
10.	Dr. Amit Rathi, HoD ECE	Member	
11.	Prof Amit Soni, HoD EEE	Member	
12.	Prof Sumit Srivastava, HoD IT	Member	?
13.	Dr. VijayPal Singh Dhaka, HoD CCE	Member	
14.	Mr Anil Dutt Vyas, HoD Civil Engineering	Member	on leave
15.	Dr Ashok Kumar Sharma, HoD Mechanical Engineering	Member	
16.	Prof Rajesh Solanki, HoD Automobile Engineering	Member	
17.	Dr Abhishek Sharma, HoD Chemical Engineering	Member	
18.	Prof Sharavan Kumar Jhajharia, Dept of EEE	Member	
19.	Prof B P Singh, Dept of ECE	Member	
20.	Prof Keshaw Jee Sharma, Dept of Civil Engineering	Member	
21.	Prof Raj Kishore Pareek, Dept of Civil Engineering	Member	?
22.	Prof R A Dubey, Dept of Mechanical Engineering	Member	07 Apr 2017
23.	Prof Ajay Kumar, Dept of Mechatronics Engineering	Member	7.4.17
24.	Prof Vivekanand Tiwari	Member	07/04/17
	Prof. Vandana Suhag, Registrar (Ex-Officio Secretary)		

MANIPAL UNIVERSITY JAIPUR
Faculty Board Meeting
Attendance Sheet on April 07, 2017

S No	Name	Status	Signature
	Prof. Iqraz Nabi Khan	Member	Iqlay Nabi Khan