

Proposed Agenda Note – Meeting of Board of Studies – 13th July 2019

Agenda for meeting of Board of Studies of Department of Mechanical Engineering

Scheduled at 10:00 AM on 13th July 2019 as below mentioned:

1. To Confirm the Minutes of Meeting of last BOS meeting of the department.
2. To read Action Taken Report for agendas of last meeting of BOS of the department.
3. To report on updation / modification / restructuring of syllabus for 2019-20 batch and earlier batches for various departments.
4. To report on inclusion of 50 new subjects / topics to various courses at different level of study for all students of UEM Jaipur.
5. To report on starting new initiatives for teaching learning process in UEM Jaipur.
6. To report on the status of registration of all faculty members for Ph.D. as it will be mandatory for recruitment as Assistant Professor in any University/ Institution from 2021.
7. Any other topic (Department Specific).

Minutes of Meeting of Board of Studies for Department of Mechanical Engineering, University of Engineering & Management, Jaipur held on 13.07.2019

The Meeting of Board of Studies for Department of Mechanical Engineering was held on **13th July 2019** at **10.00 AM** at University of Engineering & Management premises. The following members were present:

1. Mr. Umesh Gurnani, Head of Department, Mechanical Engineering, UEM Jaipur.
2. Prof. T. K. Sen, Professor, Mechanical Engineering, UEM Jaipur.
3. Dr. Anurag Hamilton, Assistant Professor, Mechanical Engineering, UEM Jaipur.
4. Mr. Iqbal Ahmad, Assistant Professor, Mechanical Engineering, UEM Jaipur.
5. Mr. Sasthi Charan Hens, Assistant Professor, Mechanical Engineering, UEM Jaipur.
6. Mr. Ravindra Maanju, Assistant Professor, Mechanical Engineering, UEM Jaipur.
7. Mr. Rahul Malik, Assistant Professor, Mechanical Engineering, UEM Jaipur.
8. Prof. (Dr.) G.S. Dangayach, Professor & Dean (Research & Consultancy), MNIT Jaipur
9. Prof. (Dr.) K.C. Jain, Retired Professor, MNIT Jaipur (External Expert)
10. Government Representative, Department of Higher Education, Group-IV, Government of Rajasthan.

Mr. Umesh Gurnani, Head of Department, Mechanical Engineering, UEM Jaipur welcomed all the members of Board of Studies before commencement of the meeting. Thereafter agenda points of the meeting of Board of Studies were taken up for discussion.

The Board of Studies of Department of Mechanical Engineering, UEM Jaipur took the following resolutions:

Agenda Item No-1:

To Confirm the Minutes of Meeting of last BOS meeting of the Department of Mechanical Engineering

The minutes of the last meeting of Board of studies was circulated to all the members in advance through mail. As there was no observation raised in the meeting, it was confirmed.

Agenda Item No-2:

To read the Action Taken Report of last Board of Studies meeting held on 23.02.2019.

The agenda wise Action Taken Report of the last meeting of Board of Studies for Department of Mechanical Engineering was circulated to all the members in advance through mail. As there was no observation raised, it was confirmed.

Agenda Item No-3

To report on updation/ modification / restructuring of syllabus for 2019-20 batch and earlier batches for various departments

AICTE model curriculum for UG courses of Engineering (effective from 2018-19) suggests the introduction of certain new subjects and modification in existing subjects to keep pace with change in technology and emphasis on detailed study of Automation, Mechatronics, Advanced

Manufacturing, Robotics and more and more industrial case studies for students of Mechanical Engineering.

As there was no observation raised, it was confirmed.

Agenda Item No-4

To report on inclusion of 50 new subjects / topics to various courses at different level of study for all students of UEM Jaipur

UEM Jaipur has added 50 new topics few of which may be covered as new subjects in department and the remaining interdisciplinary subjects will be covered as certain topics/modules within existing subjects. These new topics include Solar energy fundamentals and applications, Industrial Automation and Control, Total Quality Management, Quality Assurance & Reliability for Mechanical Engineering. Also, students of all streams would be given a basic knowledge of Cloud Computing, Internet of Things, Python Programming, Arduino Programming in capsule form along with Data Structures & Algorithms.

As there was no observation raised, it was confirmed.

Agenda Item No-5

To report on starting new initiative for teaching learning process in UEM Jaipur as mentioned below

UEM Jaipur has started the following new initiatives as a learning process:

(a) Smart Power Talk Series:

It is a motivational talk series by various persons from different sectors who have been successful in their own field and share their experiences with the world.

(b) UEM/IEM Webinar Series:

UEM/IEM Webinar series is to develop the content and give a platform to students where they may interact with industry professionals and make students aware of latest technological happenings around the world.

(c) IEM/ Uemlearning.com:

IEM/UEMlearning.com is a platform to develop content for different subjects and emphasize on registration of faculty members and students for different courses to complete a certified program in a particular topic/subject.

(d) Quick feedback within classes

To start taking quizzes during classes through Google Forms/sheets for immediate feedback and improvise accordingly

(e) Criteria for Internal Assessments:

Based on above, 30 % weightage for Internal Assessment can be divided in 3 parts (i) 10 Marks for Web Based Learning (ii) 10 Marks for Workbook based learning and (iii) 10 Marks for 2 mid term tests of 5 marks each.

As there was no observation raised, it was confirmed.

Agenda Item No-6

To report on the status of registration of all faculty members for Ph.D. as it will be mandatory for recruitment as Assistant Professor in any University/ Institution from 2021.

UEM Jaipur has advised all teachers from different departments to register themselves for PhD as soon as possible so that they may be able to meet the compliance.

This is also kept in kind while recruiting candidates recently in all departments, as all candidates recruited in last few months are already awarded with their PhD degrees before joining UEM Jaipur.

As there was no observation raised, it was confirmed.

Agenda Item No-7

Any other topic -

Prof. (Dr.) G.S. Dhangayach suggested to add subjects of Entrepreneurship Development in 6th sem and NPTEL certified course of Nanotechnology for students of ME. He also proposed small changes in subjects of "Engg. Materials" and credit score of Project and summer internship for 7th sem.

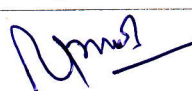
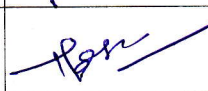
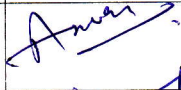
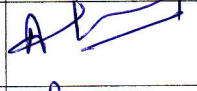
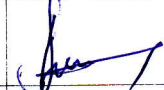
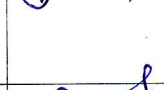
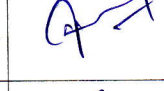
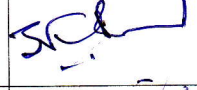

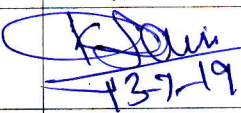
The meeting ended with vote of thanks to the Chair.

Attendance Sheet for Meeting of Board of Studies

Department of Mechanical Engineering

University of Engineering & Management, Jaipur

13.07.2019

| S.no. | Name | Designation | Signature |
|-------|-----------------------------|--|---|
| 1 | Umesh Gurnani | Head of Department, Mechanical Engineering, UEM Jaipur (Chairman) |  |
| 2. | Prof. T. K. Sen | Professor, Department of Mechanical Engineering, UEM Jaipur (Member) |  |
| 3. | Dr. Anurag Hamilton | Assistant Professor, Department of Mechanical Engineering, UEM Jaipur (Member) |  |
| 4. | Iqbal Ahmad | Assistant Professor, Department of Mechanical Engineering, UEM Jaipur (Member) |  |
| 5. | Sasthi Charan Hens | Assistant Professor, Department of Mechanical Engineering, UEM Jaipur (Member) |  |
| 6. | Ravindra Maanju | Assistant Professor, Department of Mechanical Engineering, UEM Jaipur (Member) |  |
| 7. | Rahul Mallick | Assistant Professor, Department of Mechanical Engineering, UEM Jaipur (Member) |  |
| 8. | Sumit Paul | Assistant Professor, Department of Mechanical Engineering, UEM Jaipur (Member) |  |
| 9. | Prof. (Dr.) G. S. Dangayach | Professor & Dean (Research & Consultancy) MNIT, Jaipur (External Subject Expert) |  |
| 10. | Prof. (Dr.) K.C. Jain | Retired Professor, MNIT Jaipur (External Expert) |  |
| 11. | | Department of Higher Education, Group IV, Government of Rajasthan. (Representative from Government of Rajasthan) | |