

Proposed Agenda Note – Meeting of Board of Studies Date – 27th Jan 2021

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

Scheduled at 2:00 PM on 27th Jan 2021 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 next academic session keeping in view of the policy for common syllabus for all the institutions of the IEM-UEM group.
4. To report on conducting short term training programmes, seminars, workshops, conferences and faculty development programmes for the topics/ subjects/ skills as recommended by recruiting companies and to make our teachers enable to teach the latest, as per the demands from industries.
At least 2-3 sessions of 60 minutes each per week per department must be delivered for training of students or teachers. Trainers can either be from UEMJ/UEMK/IEMK or NIT/IIT/Foreign Institute. Kindly finalize and submit a tentative schedule for your department for Jan - July 2021 within one week of this meeting.
5. To organize at least one international conference per department per year. Every department must bring out with proposals to organize at least one international conference per year either in association with Springer or IEEE etc. Please submit the proposal within one month of this meeting. Call for papers for the next proposed conference must be out within 4 months of this meeting.
6. To form Research Advisory Committee (RAC) – Every Department has to form RAC as per the following guidelines and inform the Research Board, UEM Jaipur within 10 days.
Research Advisory Committee (RAC) may have following members
 - (i) Research Supervisor: Convener
 - (ii) One member to be nominated by Head (Out of the panel of three names to be proposed by the Convener)
 - (iii) One member to be nominated by Dean of Concerned School/Dean Research (Out of the panel of three names to be proposed by the Convener)



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7. Department of physical Education is to start its operations from now onward and syllabus for proposed courses/ subjects/ programs must be prepared and submitted accordingly to place in the next Academic Council meeting and subsequent approval from Board of Management. Prof. (Dr.) B.S. Yadav will work as the acting Head of the Department till further approvals.
8. To report on the status of registration of faculty members for Ph.D. as it will be mandatory for recruitment as Assistant Professor in any University/ Institution from 2021.
9. Any other topic (Department Specific)-

Minutes of Meeting of Board of Studies for Department of Mechanical Engineering, University of Engineering & Management, Jaipur held on Date – 27th Jan 2021

The Meeting of Board of Studies for Department of Mechanical Engineering was held on 27th Jan 2021 at 2.00 PM 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. Mr. Sumit Paul, Assistant Professor, Mechanical Engineering, UEM Jaipur.
9. Prof. (Dr.) G.S. Dangayach, Professor & Dean (Research & Consultancy) MNIT Jaipur.
10. Dr. M. L. Meena, Associate Professor, Department of Mechanical Engineering, MNIT Jaipur.
11. Mr. Tapan Basu Roy, Director, Metal Joints Manufacturing Pvt. Ltd., Jaipur

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 20.08.2020.

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 next academic session keeping in view of the policy for common syllabus for all the institutions of the IEM-UEM group.

AICTE model curriculum for UG courses of Engineering (effective from 2020-21) suggests the introduction of certain new subjects and modification in existing subjects to keep pace with

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change in technology and emphasis on detailed study of Robotics, Automation, Artificial Intelligence, Machine Learning, Advanced Manufacturing, Electrical Vehicles 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 conducting short term training programmes, seminars, workshops, conferences and faculty development programmes for the topics/ subjects/ skills as recommended by recruiting companies and to make our teachers enable to teach the latest, as per the demands from industries.

UEM Jaipur has emphasized on conducting frequent faculty development programmes, seminars, international conferences, skill development sessions on topics recommended by recruiting companies. Also, students of all streams would be mandatorily given a basic knowledge of Cloud Computing, Internet of Things, Python Programming, Arduino Programming. At least 2-3 sessions of 60 minutes each per week per department must be delivered for training of students or teachers. Trainers can either be from UEMJ/UEMK/IEMK or NIT/IIT/Foreign Institute. As there was no observation raised, it was confirmed.

Agenda Item No-5

To organize at least one international conference per department per year. Every department must bring out with proposals to organize at least one international conference per year either in association with Springer or IEEE etc. Please submit the proposal within one month of this meeting. Call for papers for the next proposed conference must be out within 4 months of this meeting.

Department of Mechanical Engineering will be organizing International Conference on Intelligent Energy Management in Smart Cities in association with department of Electrical Engineering in Nov-2021. The call for papers will be released soon by the end of Feb-2021.

As there was no observation raised, it was confirmed.

Agenda Item No-6

To form Research Advisory Committee (RAC) – Every Department has to form RAC as per the following guidelines and inform the Research Board, UEM Jaipur within 10 days.

Research Advisory Committee (RAC) may have following members

- (i) Research Supervisor: Convener
- (ii) One member to be nominated by Head (Out of the panel of three names to be proposed by the Convener)
- (iii) One member to be nominated by Dean of Concerned School/Dean Research (Out of the panel of three names to be proposed by the Convener)

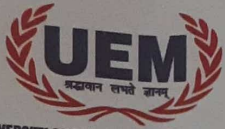
The Research Advisory Committee constitutes of the following members

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- (i) Research Supervisor: Convener – Dr. Anurag Hamilton
- (ii) One member to be nominated by Head (Out of the panel of three names to be proposed by the Convener) – Prof. Dr. Pradeep Kumar Sharma
- (iii) One member to be nominated by Dean of Concerned School/Dean Research (Out of the panel of three names to be proposed by the Convener) – Dr. G. Uma Devi

As there was no observation raised, it was confirmed.

Agenda Item No-7

Department of physical Education is to start its operations from upcoming semester.

The syllabus for proposed courses/ subjects/ programs must be prepared and submitted accordingly to place in the next Academic Council meeting and subsequent approval from Board of Management. Prof. (Dr.) B.S. Yadav will work as the acting Head of the Department till further approvals.

Agenda Item No-8

To report on the status of registration of 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-9

Any other topic (Department Specific)-

As suggested by the external subject experts in BOS meeting few subjects need to be rearranged in syllabus like Kinematics of Machines in 5th semester should be interchanged with Applied Thermodynamics in 4th semester. Production & Operations Management credits should be given to Mechanical Engineering department rather than Humanities department. Mechanical Vibrations should be a compulsory subject and can replace with Power Plant Engineering in 7th semester. Reverse Engineering and Rapid Prototype in 8th semester should have ~~only~~ content of only Rapid Prototyping and can be renamed according to the content.

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

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Attendance Sheet for Meeting of Board of Studies
Department of Mechanical Engineering
University of Engineering & Management, Jaipur
Date - 27th Jan 2021

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	
10.	Dr. M. L. Meena	Associate Professor, Department of Mechanical Engineering, MNIT Jaipur	
11.	Mr. Tapan Basu Roy	Director, Metal Joints Manufacturing Pvt. Ltd., Jaipur	

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