



PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem, E.G. Dist., A.P. - 533 437

(Approved by AICTE, Permanently Affiliated to JNTUK, Kalanada)

(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC Act, 1956)

Ph: 08952 - 252233, 34 Website: www.pragati.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 15-06-2022

CIRCULAR

All the members of Board of Studies(BoS) are here by informed that there will be a meeting on 18th June 2022 for discussing the following agenda.

Agenda:

1. Discussion on proposed course structure R20 regulations of B.Tech Third Year and Fourth Year and ratification of the same.
2. Discussion on proposed B.Tech Third Year and Fourth Year courses syllabi of R20 and ratification of the same.
3. Ratification of the proposed model papers for internal and external examination of both theory and laboratory courses.
4. Discussion on ratification of new courses introduced in R20 Regulation.
5. Discussion on ratification of Course Objectives, Course Outcomes and CO-PO mapping.
6. Finalization of text books and reference books.
7. Discussion on ATR as per suggestions given by the stake holder.
8. Any other item.



Copy to:

1. All members of BoS.
2. Department circular file.



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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 18-06-2022

Minutes of meeting of B.Tech & M.Tech Board of Studies (BoS) of Mechanical Engineering conducted on 18th June 2022 for approval/ratification of R19 & R20 regulations.

Members Present:

BOS-CHAIRMAN

Dr. B.S.V. Rama Rao
Professor and Hod
Mechanical Engineering Department
Pragati Engineering College

UNIVERSITY NOMINEE

Dr. M. Kumara Swamy
Associate Professor
University College Of Engineering, JNTUK
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EXTERNAL-EXPERT

Dr. Ch. Srinivasa Rao
Professor
Department Of Mechanical Engineering
University College of Engineering
Andhra University
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Dr. E. Anil Kumar
Professor
Department Of Mechanical Engineering
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INTERNAL MEMBERS

- Dr. S. Sambhu Prasad - Faculty Member
- Dr. R. Dharmalingam - Faculty Member
- Dr. G. Satish - Faculty Member
- Mr. G. Avinash - Faculty Member
- Mr. D.J. Johnson - Faculty Member
- Mr. M. Sunil Raj - Faculty Member
- Mr. G.V.N. Santhosh - Faculty Member

Agenda:

1. Discussion on proposed course structure R20 regulations of B.Tech Third Year and Fourth Year and ratification of the same.
2. Discussion on proposed B.Tech Third Year and Fourth Year courses syllabi of R20
3. Ratification of B.Tech Third Year and Fourth Year courses syllabi of R20.
4. Ratification of the proposed model papers for internal and external examination of both theory and laboratory courses.
5. Discussion on ratification of new courses introduced in R20 Regulation.
6. Discussion on ratification of Course Objectives, Course Outcomes and CO-PO mapping.
7. Finalization of text books and reference books.
8. Discussion on ATR as per suggestions given by the stake holder.
9. Any other item.

Proceedings:

- The meeting began at 10.00AM in the R&D Laboratory. The Chairman of the Board Dr. B.S.V. Rama Rao welcomed all the members for the meeting.
- With respect to point 2 of agenda, the following changes were suggested in B.Tech syllabi:
 - Proposed course structure of R20 regulation of Third Year and Fourth Year B.Tech is approved by the members of BoS without any modification.
- With respect to point 3 of agenda, the following changes were made:
 - It is suggested to add the concept of mass transfer in the course “Heat Transfer” in III year II sem and the concept of mass transfer is included.
 - It is suggested to add the concept of reverse engineering in the course “Additive Manufacturing” in IV year I sem and the concept of reverse engineering is included in the course Additive Manufacturing.
 - It is suggested to verify the syllabus of “Sustainable Energy Technologies” which comes open elective to other departments. In IV year I sem. The syllabus is verified and modified accordingly
- With respect to point 8 of agenda, the following changes were made:
 - The request received from the department of IT(Information Technology) to place the subject “Industrial Robotics” instead of “Sustainable Energy Technologies” under the category of OPEN ELECTIVE in IV year I sem which is offered by the Mechanical Engineering and the request is accepted by all; the bos members of the department of Mechanical Engineering.
 - The request received from the department of CSE and its allied branches i.e, CSE,CSE-DS,CSE-AI,CSE-AIML to place the subject “Optimization Techniques” instead of “Operational Research” under the category of OPEN ELECTIVE in III year I sem which is offered by the Mechanical Engineering and the request is accepted by all; the bos members of the department of Mechanical Engineering.

Resolutions:

The following resolutions have been made in the meeting

- The Third Year and Fourth Year course structure of R20 regulations of B.Tech is approved without any modifications.
- The Third Year and Fourth Year syllabus for B.Tech of R20 regulations is accepted

without any modifications and was thoroughly discussed, finalized and approved. BOS Chairman is authorized to endorse the syllabus.

- The proposed model papers for internal and external examination of both theory and laboratory courses were discussed and ratified.
- The members ratified 04 new courses for R20 regulation.
- It is resolved to have only two text books and up to five reference books for all the courses to the possible extent.
- Based on the ATR the suggestions given by the stake holders are included.
- The members decided to convey the same to Academic Council members for approval.

The meeting came to an end with vote of thanks.

