



PRAGATI ENGINEERING COLLEGE

(Autonomous)

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

(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited by NAAC with 'A' Grade)

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

Ph. 08852 - 252233, 34 Website: www.pragati.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

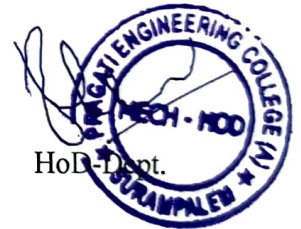
Date: 20-09-2021

CIRCULAR

All the members of Board of Studies(BoS) are here by informed that there will be a meeting on 24th September 2021 for discussing the following agenda.

Agenda:

1. Discussion on proposed course structure R20 regulations of B.Tech second Year and ratification of the same.
2. Discussion on proposed B.Tech second Year courses syllabi of R20.
3. Ratification of proposed B.Tech second 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.



Copy to:

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



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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 24-09-2021

Minutes of meeting of B.Tech & M.Tech Board of Studies (BoS) of Mechanical Engineering conducted on 24th September 2021 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

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Professor

Department Of Mechanical Engineering

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ALUMNI EXPERT

Sir P.V. Raviram

General Manager& Plant head,

GVK Power Plant, Samalkot

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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
- Mrs. K. Aravinda - Faculty Member

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1. Discussion on proposed course structure R20 regulations of B.Tech second Year and ratification of the same.
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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:
 - Production Technology Theory and Lab shifted to II year- II sem.
 - MMS Theory and Lab shifted to II year- I sem in place of Production Technology Theory and Lab.
 - Kinematics of Machinery Theory and Thermal Engineering Lab shifted to II year- II sem.
 - Mechanics of Solid Theory and Lab shifted to II year- I sem in place of KOM and TE Lab.
 - Dynamics of Machinery in II year- II sem is replaced with Applied Thermodynamics (Extension of Thermodynamics of II year-I sem).
 - Dynamics of Machinery will be placed in III year- I sem.
- With respect to point 3 of agenda, the following changes were made:
 - The name of Applied Thermodynamics can be called as Thermodynamics and the following points to be considered.
 - Available energy or availability of exergy to be included.
 - Non-reactive gas mixtures and reactive gas mixtures can be included.
 - All thermal cycles to be included (Air standard cycle, Refrigeration cycle, etc...)
 - Metallurgy Lab experiment 8 and 9 to be verified.
- As per suggestions given in the previous Bos meeting new skill oriented labs has been introduced in R20 regulation.

Resolutions:

The following resolutions have been made in the meeting

- The Second year course structure of R20 regulations of B.Tech is approved without any modifications.
- The Second 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 03 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.

