



MARRI LAXMAN REDDY
INSTITUTE OF TECHNOLOGY AND MANAGEMENT
(AN AUTONOMOUS INSTITUTION)
(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)
Accredited by NBA and NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

DEPARTMENT OF MECHANICAL ENGINEERING

1-12-2022

CIRCULAR

All members of the Program Assessment and Quality Improvement Committee (PAQIC) of the department are requested to attend a meeting on 5.12.2022 at 3:00 pm in the department board room to discuss the following agenda.

Agenda:

- 1) Analysis of CO attainment of previous semester and suggestions for corrective measures
- 2) Discussion result analysis of previous semester
- 3) Discussion on CO, PO/PSOs assessment methods for R22 Regulation
- 4) Preparation for NBA, JNTUH Inspections
- 5) Any other with permission of chair

PAQIC Members of the Department:

S.No	Staff Name & Designation	Status in PAQIC
1	Dr G. Surya Prakash Rao, Professor & HOD, MECH	Chairman
2	Dr. S.P. Jani, Associate Professor, MECH	Coordinator
3	Dr. D. Venkateswarlu, Associate Professor, MECH	Member
4	Dr. P. Nageswararao, Associate Professor, MECH	Member
5	Mr. U. Sudhakar, Associate Professor, MECH	Member
6	Mrs. K. Sravanthi, Asst. Professor, MECH	Member

G. Sravanthi
HOD

Department of Mechanical Engineering
Head of the Department
Mechanical Engineering
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Copy to:

- Principal/ Director
- Dean IQAC
- Department Faculty Members



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DEPARTMENT OF MECHANICAL ENGINEERING

Venue: Mechanical Department Board Room

Date: 2.08.2022

Time: 3:00pm

Agenda:

1. Finalising target levels for PO attainment
2. Discussions on stake holders feedback on POs
3. Discussion on student leadership skills improvements
4. Discussion on placement
5. Any Other Item with the Permission of the Chair

The Chairman of the Committee and Head of the Department welcomed all the members to the PAQIC meeting, which commenced at 2:00 pm. The agenda items were discussed in detail as follows:

Discussions:

1. Analysis of CO Attainment of Previous Semester and Corrective Measures:

- Dr. S.P.Jani presented the CO attainment report of the previous semester.
- Mr. U.Sudhakar highlighted the low attainment in certain subjects and suggested focused tutorial sessions.
- Dr. D. Venkateswarlu recommended aligning internal assessments more closely with COs.

2. Result Analysis of Previous Semester:

- Mr. U.Sudhakar presented a detailed analysis of pass percentages and identified challenging subjects.
- Dr. P. Nageswararao emphasized the need for remedial classes and peer mentoring for academically weak students.

3. CO, PO/PSO Assessment Methods for R22 Regulation:

Assessment Procedure – MLRS-R22 Regulation

- Dr G. Surya Prakash Rao reviewed the current assessment procedures and shared the revised guidelines under the R22 Regulation.
- Dr. P. Nageswararao recommended incorporating rubrics for activity-based learning (such as case studies and presentations) to strengthen PO attainment.
- Mrs. K. Sravanthi emphasized the importance of maintaining comprehensive course files for each subject to ensure transparency in assessment and audit readiness.

Course Outcome (CO) Attainment Methodology:

CO attainment is achieved through both direct and indirect assessment methods:

Direct Assessment Methods:

1. **Mid Examinations:**
 - Two mid exams are conducted per semester, each for 25 marks.
 - The average of both exams is considered for final CO evaluation.
 - Weightage: 25%
2. **Assignments:**
 - One assignment per unit is given, ensuring coverage of all COs.
 - Weightage: 5%
3. **Subject Viva-Voce / PPT / Poster Presentation / Case Study:**
 - A 10-mark activity to assess understanding of subject-specific topics.
 - The committee opined that faculty may choose to conduct a viva-voce or unit-wise test depending on the syllabus nature.
 - Weightage: 10%
4. **Semester End Examination (SEE):**
 - Conducted for 60 marks.
 - Assesses the overall understanding and application of course content.
 - Weightage: 60%

Indirect Assessment Methods:

Course End Survey (student feedback on course delivery and understanding).

- Weightage: 20%

Overall CO Attainment Weightage:

Component	Weightage
Mid Examinations (Avg. of 2)	25%
Assignments	5%
Viva-Voce / PPT / Activities	10%
Total Direct Assessment	40%
Semester End Examination (SEE)	60%
Direct Attainment Total	80%
Course End Survey (Indirect)	20%
Grand Total (Direct + Indirect)	100%

4. Preparation for NBA, JNTUH Inspections:

- Mrs. K. Sravanthi updated the status of document preparation and pending files.
- Dr. P. Nageswararao stressed the need to finalize CO-PO mapping sheets and sample student records.
- Mr. U.Sudhakar volunteered to oversee the display and lab record readiness.

5. Any Other Item with Permission of Chair:

Vote of Thanks:

Dr. D. Venkateswarlu thanked all committee members for their active participation and valuable suggestions toward continuous improvement and quality assurance.

Members present

S.No	Staff Name & Designation	Status in PAQIC
1	Dr G. Surya Prakash Rao, Professor & HOD, MECH	Chairman <i>SP</i>
2	Dr. S.P. Jani, Associate Professor, MECH	Coordinator <i>S.P. Jani</i>
3	Dr. D. Venkateswarlu, Associate Professor, MECH	Member <i>D.V.R.</i>
4	Dr. P. Nageswararao, Associate Professor, MECH	Member <i>P. Nageswararao</i>
5	Mr. U. Sudhakar, Associate Professor, MECH	Member <i>U.S.</i>
6	Mrs. K. Sravanthi, Asst. Professor, MECH	Member <i>K. Sravanthi</i>