



**DEPARTMENT OF MECHANICAL ENGINEERING**

15/01/2024

**CIRCULAR**

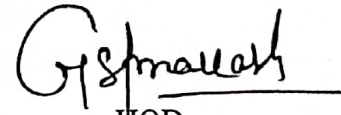
All members of the Program Assessment and Quality Improvement Committee (PAQIC) of the department are requested to attend a meeting on 19/01/2024 at 3:00 pm in the department board room to discuss the following agenda.

**Agenda:**

1. Analysis of First Semester Performance
2. Discussion on Course Outcomes (COs) & Program Outcomes (POs)
3. Student Placements & Industry Engagement
4. Extracurricular and co-curricular Initiatives
5. Any Other Item with the Permission of the 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. K.Venkateshwar Reddy, Associate Professor, MECH	Member
4	Dr. K.V.Raghavulu, Associate Professor, MECH	Member
5	Mr. U. Sudhakar, Associate Professor, MECH	Member
6	Dr. K. Sravanthi, Asst. Professor, MECH	Member

  
HOD

Department of Mechanical Engineering  
Head of the Department  
Mechanical Engineering  
MARRI LAXMAN REDDY  
Institute of Technology & Management  
Dundigal, Hyd-43, Medchal -Malkajgiri Dist.

**Copy to:**

- Principal/ Director
- Dean IQAC
- Department Faculty Members



**DEPARTMENT OF MECHANICAL ENGINEERING**

**MINUTES OF PROGRAM ASSESSMENT AND QUALITY**  
**IMPROVEMENT COMMITTEE (PAQIC) MEETING**

Venue: Mechanical Department Board Room

Date: 15/04/2024

Time: 3:00PM

Agenda:

1. Analysis of First Semester Performance
2. Discussion on Course Outcomes (COs) & Program Outcomes (POs)
3. Student Placements & Industry Engagement
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**Discussion Points and Decisions:**

**1 Analysis of First Semester Performance**

- The pass percentage was analysed for all subjects, with a focus on Strength of Materials, Geotechnical Engineering, and Hydraulics and Hydraulic Machinery, which showed lower performance.
- Faculty members teaching these subjects suggested additional problem-solving sessions and tutorial hours to reinforce concepts.
- Mathematics and Engineering Mechanics showed improved performance compared to the previous semester, indicating better student understanding.
- It was decided to schedule remedial classes for students who scored below 50% to help them improve.
- Student feedback reports indicated that numerical problem-solving and software-based applications need more emphasis in lectures.

**2 Discussion on Course Outcomes (COs) & Program Outcomes (POs)**

- The CO-PO attainments was reviewed, and it was found that the application of theoretical concepts in practical scenarios needed improvement.
- Faculty members teaching professional core subjects like structural Engineering, Geotechnical Engineering, Transportation Engineering subjects were advised to integrate site visits, case studies, and software simulations like revit and BIM to enhance learning.
- Action plans were set to align assessments with CO-PO mapping, ensuring that assignments and projects target specific learning outcomes

### 3 Student Placements & Industry Engagement

- Placement records showed that 80% of final-year students have secured job offers, mainly in construction firms, consultancy services, and public sector projects.
- Students interested in core civil engineering roles need additional training in quantity surveying, project management software (Primavera, 3D MAX), and site execution.
- Mock interviews and resume-building sessions will be conducted in collaboration with the Training & Placement Cell before the next placement drive.
- MoUs with local construction firms are being pursued for internship/placement opportunities.

### 4 Extracurricular and Co-curricular Initiatives

- The Civil Innovators Club successfully conducted technical workshops last semester; more events focusing on sustainability in construction and emerging trends like AI in civil engineering are planned.
- Student participation in conferences, paper presentations, and hackathons was encouraged, with faculty mentors assigned to guide them.
- Plans to organize an inter-college civil engineering fest were discussed, with competitions like bridge modelling, concrete cube testing, and CAD drafting challenges.
- Survey camps and field visits to near major commercial/high-rise construction sites and irrigation projects are scheduled for this semester.

### 5 Any Other Item with the Permission of the Chair

#### Members Present:

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