MVJ COLLEGE OF ENGINEERING
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DEPARTMENT OF MECHANICAL ENGINEERING

Minutes of DAC Meeting held on 14th March, 2026

Event overview:

- The meeting began with Dr. S.L. Gombi, HoD (in charge), Dept of Mechanical Engineering, welcoming the esteemed management, Principal, Deans, COE, Registrar, and esteemed members of the Department Advisory Committee (DAC), to the meeting.
- HoD, ME gave an overview of the College and introduced the activities conducted by the department in improving the academic environment, and highlighted the importance of the DAC meeting to the members.
- The meeting also focused on departmental placements statistics, pass percentage, and strategies to improve admission in Mechanical Engineering.
- A detailed presentation on the proposed scheme for 2026 and IAC was presented by Dr. Arunkumar K.

The comments/suggestions given by the DAC committee members are discussed in the sections further.

Objectives of the Event

1. About the Department
2. Suggestions to bridge the gap between Industry and Academia.

3. Budget Utilisation Report (2025-26)
4. Budget Proposed for AY 2026-27 and Events Planned
5. Suggestion in improving Mechanical engineering admission
6. Any Other points of discussion with permission from Chair.

DAC – MEMBERS PRESENT:

Convener - Head of the Department, ME

Co-Conveners - All Faculty members of Mechanical Engineering

External Members:

1. R. Sridhar, Professor, RVCE, Bangalore (Academic Representative)
2. Mayank Dubey, Sr. SW Quality Engineer-II, Nexteer Automotive — India Technical Center. (Industry Representative)
3. Leni Davidson, Sr. General Manager-Head Corporate Quality Assurance, Wheels India Limited.
4. Smita T, Professor, Sarvodaya Nursing College, Bangalore. (Parent Representative)

Faculty Members: -

Sl.No	Name of the Faculty	Designation
1.	Dr. S L Gombi	Dean Academics/HoD (In charge)
2.	Dr. Arun Kumar K	Associate Professor
3.	Dr. Rajesh Kumar P	Associate Professor
4.	Dr. Namrata Bordoloi	Assistant. Professor
5.	Mr. Kiran K K	Assistant. Professor
6.	Mr Shivakumar H D	Assistant. Professor
7.	Mr. Vinoth Kumar G	Assistant. Professor
8.	Mr. Irfan Khan	Assistant. Professor
9.	Mr. P. Srinivasa Kumar	Assistant. Professor

Overall Suggestions:

- **Reduced Mechanical Engineering admission:**
- Statistics:

  Sanctioned Intake for 2025-26: 30

  Student Strength: 92

  2022-23 Batch: 18 (4th Year)

  2023-24 Batch: 32 (3rd Year)

  2024-25 Batch: 24 (2nd Year)

  2025-26 Batch: 18 (1st Year)

- Pass percentage last 3 years

ACADEMIC YEAR	PASS/TOTAL	PASS %
2022-23	70/102	68.62
2023-24	28/36	77.78
2024-25	21/38	55.26

Suggestions:

- Include an industry-oriented certification course as a per of the curriculum.
- Invite industry persons for lectures on tough subjects related to design, thermal, etc.
- Introduce IV for students in top companies like TATA, BMW, TRL, etc.

- **Placement statistics:**

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ACADEMIC YEAR	ELIGIBLE	PLACED	PERCENTAGE
2022-23	70	24	34.28
2023-24	28	12	42.85
2024-25	21	13	61.90

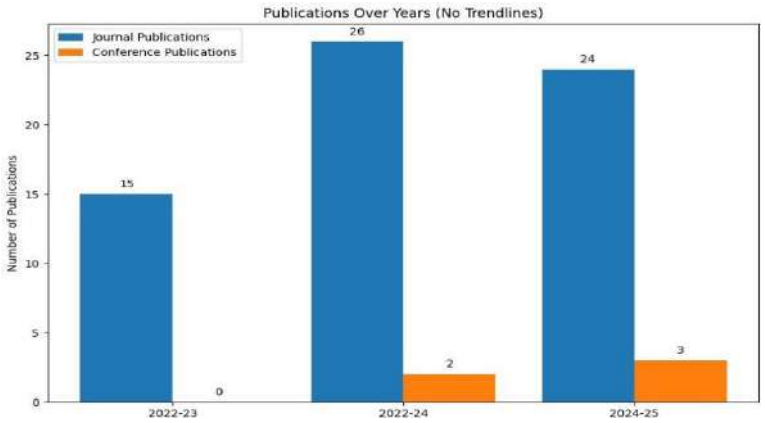
Highest Package:

ACADEMIC YEAR	PACKAGE (LPA)
2022-23	4.5
2023-24	5
2024-25	6

Suggestions:

- Include certification courses given by companies to train the students to be role specific ready.
- Improve alumni relations.
- Incorporate a diploma course along with B. E regular in relation to top companies.
- Train students in AI/ML along with the general curriculum can be introduced as a short-term course.
- Train students in current simulation mechanical tools, for an industry-ready mindset.

- **Research and Consultancy:**
  - Journal Publications (Year-wise): **15** (2022-23), **26** (2022-24), **24** (2024-25)
  - Conference Publications: 0 (2022-23), 2 (2022-24), 3 (2024-25)
  - Patents/Copyrights: 04



- h-index: 12.3 (avg)

Suggestions:

- To improve the research environment, faculty members should focus on updating the research center with new age equipment.
- The paper count of the department is good. But faculties must try for consultancy projects.

Comments by DAC members-

1. **R. Sridhar, Professor, RVCE, Bangalore (Academic Representative) Suggestions:**

- Strengthen the Curriculum to Match Industry Trends: Students increasingly choose programs aligned with modern industry needs. Enhance the ME curriculum by integrating:
  - Robotics & Mechatronics
  - Automation and Industrial IoT
  - EV (Electric Vehicle) Technologies
  - Additive Manufacturing (3D printing)
  - Sustainable & Renewable Energy Systems
  - AI/ML Applications in Mechanical Systems

This makes your program appealing to tech-driven students who may otherwise choose CSE/AI

- Create Industry-Collaborative Programs or Tracks: Partner with leading companies to introduce:

- Co-branded certification tracks (e.g., Siemens, Autodesk, Ansys, Tata Technologies)
- Industry-sponsored labs (Robotics Lab, EV Lab, CAD/CAE Lab)
- Internship pipelines with guaranteed placements for good performers

- Showcase Successful Alumni: Highlight alumni working in: Aerospace, Automotive (EV & Autonomous), Manufacturing, R&D labs, Startups and entrepreneurship

Use alumni talks, videos, brochures, and social media. Students relate strongly to real success stories.

- Highlight faculty achievements in social media/brochures/ videos, etc.

2. **Mayank Dubey, Sr. SW Quality Engineer-II, Nexteer Automotive — India Technical Center. (Industry Representative)**

- Modern labs leave a big impact during campus visits. Focus on:
  - Automation & Robotics Lab
  - CNC & Manufacturing Lab
  - Fluid Mechanics / Thermal Engineering Lab
  - CAE/CAD Simulation Center
- Offer Attractive Scholarships such as :
  - Merit-based scholarships for top entrance-rank holders
  - Women-in-Engineering scholarships to boost female enrollment
  - Research/Innovation scholarships
- Many students evaluate programs based on online presence. Improve by:
  - Updating the department website with labs, projects, and faculty research
  - Uploading short videos: lab tours, student testimonials, project showcases
  - Highlighting placement statistics in visual form
- Promote a Hands-On, Project-Based Learning Approach: Create structured pathways:
  - Mini-projects every semester

- Capstone in collaboration with the industry
- Hackathon-style "Mechanical Design Challenges"

Highlight these in admission marketing materials to show your program is practical, not theoretical.

3. **Leni Davidson, Sr. General Manager-Head Corporate Quality Assurance, Wheels India Limited.**

- Establish Strong Industry Partnerships: Create formal relationships with companies in:
  - Automotive & EV (Tata Motors, Mahindra, Ola Electric, Maruti Suzuki)
  - Robotics & Automation (ABB, Bosch, Fanuc)
  - Manufacturing (L&T, GE, Siemens)
  - Oil & Energy (ONGC, Shell, Reliance)
  - Aerospace (HAL, Airbus, Boeing suppliers)

This builds long-term trust and ensures annual placement visits.

- Partner with companies and authorised training centers for:
  - Siemens Mechatronics Certification
  - AutoCAD / SolidWorks / CATIA professional certification
  - Ansys & Hyper Mesh Simulation courses
  - EV Powertrain & Battery Technology certifications
  - Industry 4.0 (Automation, IoT, PLC/SCADA)

Add these certifications into the curriculum or via weekend batches to make students truly job- ready.

- Set Up Industry-Sponsored Laboratories: Industry-funded labs impress companies and give students hands-on exposure. Such as:
  - Robotics & Mechatronics Lab (ABB/Fanuc)
  - EV & Battery Testing Lab
  - CNC & Manufacturing Lab (HAAS, Bharat Forge)
  - CAD/CAE Simulation Center

(Autodesk, Dassault). These labs make students

familiar with real tools used in industry.

- Create a mandatory 6–12 week industry-readiness program, including:

- Technical Skills
- CAD tools (SolidWorks, CATIA, Creo)
- CAE tools (Ansys, HyperMesh)
- Automation (PLC, Robotics)
- Basic coding (Python, MATLAB)
- Industry 4.0 concepts

➢ Invite experts to teach short modules:

- Manufacturing automation specialists
- R&D engineers
- EV engineers
- Automotive design professionals
- HVAC & thermal engineers

Students gain exposure to actual use cases and tools, not just theory.

➢ Train students for actual job roles such as:

- Design Engineer
- Quality Engineer
- Maintenance/Production Engineer
- HVAC Design Engineer
- Manufacturing Engineer
- Automobile Technician
- Robotics Operator
- Supply Chain & Operations Engineer

Focused training for specific roles increases placement chances.

4. **Smita T , Professor, Sarvodaya Nursing College, Bangalore. (Parent Representative)**

- Expressed satisfaction with recent department accolades and student performance in university exams and competitions.
- Advocated for better communication between faculty and parents regarding student progress and counseling support when needed.
- Recommended the inclusion of International Certification courses in every semester, so that students get exposure to latest trends in their

relevant domain and become globally competitive.

Conclusion:

The meeting was concluded by Dr. S. L. Gombi, HoD (In-Charge), Mechanical Engineering, who expressed appreciation for the valuable suggestions provided by the DAC members and assured that these recommendations will be incorporated into the upcoming 2026 session.

Report by: Dr. Namrata Bordoloi, Assistant Professor, Dept of Mechanical Engineering, MVJCE

Photos of the event:

Figure 1:(a) HoD, ME giving the introduction speech, (b) HoD, ME addressing the DAC members and faculty members

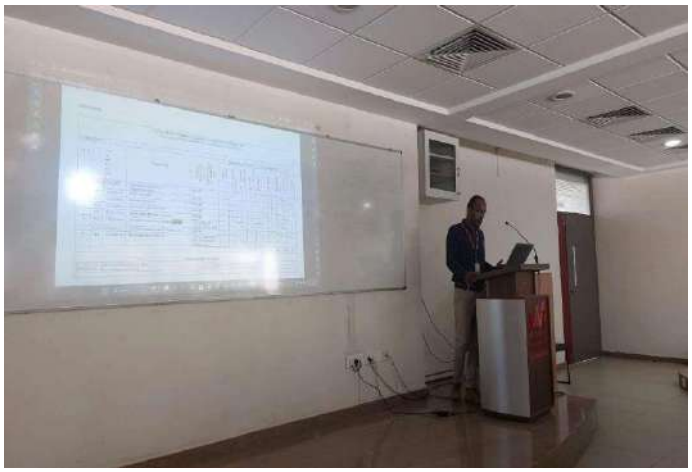


Figure 2:(a) Dr. Arunkumar K presenting the proposed scheme 2026, (b) Mr. Vinothkumar G discussing the placement statistics with the DAC members.