

Department of Mechanical Engineering Newsletter

2023

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VISION OF THE DEPARTMENT

To create a competitive man power the field of mechanical engineering for advantage of mankind.

MISSION OF THE DEPARTMENT

To achieve the vision, the department will:

- Create a conducive learning environment to make student as competent engineers.
- To nurture the entrepreneurial ability among students.
- To maintain sustainable development for creative learning to serve the engineering society.
- To inculcate human values and sensitivity.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

PEO 1: Graduate will have the ability to handle industrial challenges through advanced engineering technologies.

PEO 2: Graduate will have the capability to become socially, intellectually, and ethically responsible Mechanical engineers.

PEO 3: Graduate experties with essential technical, managerial and soft skills that make them to be professionally competent.

PROGRAMME SPECIFIC OUTCOMES (PSOS)

On completion of the B.E (MECH) degree the Mechanical Engineering graduates will be able to

PSO 1: Ability to apply their knowledge to design and analyze by using software tools.

PSO 2: Engage them professionally in industries or as entrepreneurs in the field of manufacturing and design.

PSO 3: Apply CAD/CAE tools to design and analyze the mechanical components.

KEY UPDATES IN MECHANICAL ENGINEERING

1. Texas A&M University Ranking Improvement

The J. Mike Walker '66 Department of Mechanical Engineering at Texas A&M moved up in the U.S. News & World Report rankings. In September 2023, its undergraduate mechanical engineering program was ranked 6th among public institutions and 1st in Texas.

Their overall rank among publics improved, and the graduate program was also ranked highly.

2. Michigan Technological University — eNews Brief Highlights

Michigan Tech's Mechanical Engineering / Engineering Mechanics (ME-EM) department released their September 2023 eNews Brief summarizing achievements, research, awards, etc.

ACDEMIC ACTIVITIES



Collaborate with Society of Automotive Engineers conducted a **“Product Presentation on Two Wheeler Vehicle”** **Dr. A. Karthikeyan** Associate Professor Dept. of Aeronautical Engineering, Excel Engineering College, Komarapalayam.



Collaborate with Society of Automotive Engineers conducted, **“INSPIRE-24”** **Dr. P. Saravanan**, Associate Professor, Hindustan University, Chennai.

Collaborate with Society of Automotive Engineers ARHAKRZ association conducted **“Opportunities for Quality Control Engineers for Industries”** **Mr. K. Jayaseelan** Lead-Processware, Bangalore.





Collaborate with Society of Automotive Engineers conducted a **“Vehicle Health Monitoring and Maintenance”** **Mr. M. Sampathkumar.** Assistant Professor, Excel Engineering College, Komarapalayam.

Collaborate with ISTE conducted a **“SAE Inauguration & Recent Advances in Automotive Engineering”** **Dr. V.S. Saravanan** Chairman SAEISS Erode Division, Junior Vice President, Indoshell Casting Pvt. Ltd, Coimbatore.



Collaborate with Society of Automotive Engineers conducted a Seminar on **“Electric Vehicles”** **Mr. S.Sanmugam** Farmer Chairman SAEISS, Director, Design Teck India Pvt. Ltd, Chennai.

STUDENTS ACHIVEMENTS



Deepan Raj M, a 4th-year student, participated in a Paper Presentation event held on **22nd February 2022** at Bannari Amman Institute of Technology and secured **the Second Prize**.



Mahesh Kumar S, a 2nd-year student, participated in a Paper Presentation event on **22nd February 2022** at Bannari Amman Institute of Technology and won the **Second Prize**.



Gokul T, a 4th-year student, participated in the Sheet Metal event on **21st September 2024** at SAE Loyola, Chennai, and secured **the First Prize**.

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