



# DEPARTMENT OF MECHANICAL ENGINEERING NEWSLETTER **2024**

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**ENGINEERING COLLEGE**

## **DEPARTMENT OF MECHANICAL ENGINEERING**

### **NEWS LETTER**

**2024-25-Volume-1: Issue-2-December**

#### **VISION OF THE DEPARTMENT**

**To create competitive manpower in the field of Mechanical engineering for the advantage of mankind**

#### **MISSION OF THE DEPARTMENT**

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

#### **PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)**

**Programme Educational Objectives (PEOs) are established through a consultation process. PEOs are broad statements that describe the career and professional accomplishments that the graduates should achieve three to five years after graduation.**

**The Mechanical Engineering programme graduates will**

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

**PEO 2:** graduate expertise with essential technical, managerial and soft skills that make them to be professionally competent.

**PEO 3:** graduate expertise with essential technical, managerial and soft skills that make them to be professionally competent.

### **PROGRAMME SPECIFIC OUTCOMES (PSOS)**

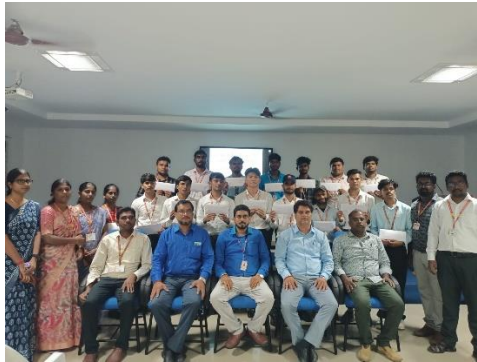
**On completion of the B.E (MECH) degree the Mechanical graduates will be able to**

**PSO 1:** Ability to apply their knowledge to design and analyse 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 analyse the mechanical components.

## **ACDEMIC ACTIVITIES**



The **Indian Society of Mechanical Engineers** collaborated with the institution to host a guest lecture on October 8, 2024. The lecture, titled **“Transformation of Men and Women in New Era,”** was **delivered by Mr. S. Prabhu**, an Assistant Professor from the Department of Aeronautical Engineering at Excel Engineering College. A **total of 137 students** attended the event.



The **Indian Society of Mechanical Engineers** collaborated with **Dr. Mohanraj**, an Associate Professor from the Government College of Engineering, Salem, to organize an academic guest lecture on **"Recent Advancement on Composite Materials Science."** The lecture focused on the latest developments in composite materials, which are engineered materials created by combining two or more distinct components to produce a new material with superior properties. A **total of 201 students** attended the event



The **Indian Society for Technical Education (ISTE)** hosted an **Alumni** Guest Lecture on November 24, 2024, titled "Role of Mechanical Engineers in Industry." The guest speaker was **Ms. P. Mounika**, an Executive Trainee and Development Engineer working on the BMW Project at TVS Motor Company, Hosur. The event was attended by 152 students



The Society of Automotive Engineers (SAE) organized an Industrial Guest Lecture on December 11, 2024, for 50 students. The lecture, titled “Industrial Automation and Machine Learning,” was delivered by Mr. J. Mohammed Aashiq, the Managing Director of JK Industries in Coimbatore

## **STUDENTS ACHIVEMENTS**



On October 16, 2024, **Aditya Jaiswal**, a fourth-year student, secured third prize in an event called "**Technotalk**" at **Sri Ramakrishna Engineering College**.



On November 8th and 9th, 2024, **Siva S**, a second-year student, participated in a Technical Symposium held at **Paavai Engineering College (Autonomous)**. He was awarded **second prize** at the event.



On November 13, 2024, **Bhagawath Kumar P**, a third-year student, secured **first prize** at a **National Level Technical Symposium** held at **Hindusthan College of Engineering and Technology**.

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