

# Department of Mechanical Engineering Newsletter

## 2023

Volume1, Issue 3 March



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## **DEPARTMENT OF MECHANICAL ENGINEERING NEWS LETTER**

**2023-24-Volume-1: Issue-3 SMarch**

### **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 expertises 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. MITS Gwalior (Newsletter, Jan-March 2024)**

The Mechanical Engineering Department along with the Innovation Club conducted an offline session on Intellectual Property Rights on 14 March 2024. A one-day webinar titled “Social Fiesta for Social Preneurs” was organised (17 March) by the Digital Learning Group. They held TECHXPO on 07 March in Seminar Hall 5, under faculty mentorship.

### **2. IoT Palus, Bharati Vidyapeeth**

Mechanical Engineering Department organised a State level Technical Competition for Polytechnics (Paper and Poster Presentation) on 2 March 2024.

## ACDEMIC ACTIVITIES



Collaborate with Society of Automotive Engineers conducted, Path to Success  
**Er..M. Gowthamalannan CAD, Modeller, Onward Technologies (P) Ltd, Chennai**

Collaborate with Society of Automotive Engineers conducted, **Domestic Refrigeration & Air Conditioning Systems Mr.G.Saravanakumar Senior HVACR Technician, Samsung, Salem.**



Collaborate with Society of Automotive Engineers conducted, Industry guest lecture on “New Eye on Drone Technology” **Mr.M.Bharath Prabhu Chief Operations Officer, Vimanna LABs India (P) Ltd, Thanjavur.**



Collaborate with Society of Automotive Engineers conducted, **“Industrial Research on CNC Machine Tools”** Thiru. K.P.Ravichandar DMW CNC Solutions India (P) Ltd, Perundurai.

Collaborate with Society of Automotive Engineers conducted, **“MoU Signing Ceremony”** Thiru. K.P.Ravichandar DMW CNC Solutions India (P) Ltd, Perundurai.



Collaborate with Society of Automotive Engineers conducted, **“Quiz Competitions-Global Recycling Day”** Dr.D.Kalaimegam, Associate Professor, Mahindra Engineering College, Salem.



### **STUDENTS ACHIVEMENTS**



**P. Gnanaprakash (III Year) participated in a National Level Technical Symposium held on 29th March 2023 at Knowledge Institute of Technology and secured the Third Prize.**



**P. Aravindhan (III Year) participated in an Engine Assembly event on 29th March 2023 at Knowledge Institute of Technology and won the Second Prize.**



**Anish Kumar R (IV Year) participated in a Paper Presentation event held on 22nd February 2022 at Bannari Amman Institute of Technology and secured the Second Prize.**

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