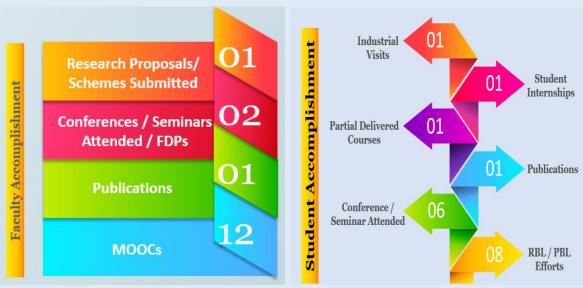




DEPARTMENT OF MECHANICAL ENGINEERING

PORTFOLIO - MAY 2025









Guest Lecture Conducted

A guest lecture on the SAE Bicycle Design Challenge delivered by Dr. B Varun Kumar on 24 & 25 May,2025 to provide a comprehensive understanding of Bicycle design, suspension systems, focusing on their role in its dynamics, ride comfort, and handling. It covers various types of suspension systems, design methodologies, modelling techniques, and real-world testing practices





Faculty / Student Paper Publications



Student Seminar Attended





Industrial Visit

Students visited Hyderabad Dies and Moulds on 02 May 2025, industry to gain practical exposure to real-world engineering applications and manufacturing processes. The visit enhanced their understanding of theoretical concepts through interaction with industry professionals and observation of live operations.





RBL Products Developed

- 1. Robotic Solar Panel Cleaner
- 2. LPG Gas Detector
- 3. Design of Exosuit A Robotic Skeleton Arm
- 4. Automatic Rain Detection and Cloth Collection
- 5. Figure Replacement Device
- 6. Anti-Sleep Detector by Using Arduino

Student Internship

Mithin Raghava final year student has been selected for Zenith Energy, Hyderabad as intern for the period of six months from March to August 2025.



