



## DEPARTMENTAL ACHIEVEMENTS

### ➤ **SAGE Winter School SWS @ Student Activity-ME Department**

Department of Mechanical Engineering, SIRT was Conducted Two-week SWS Program on “**Detailing and Drafting of Machine Drawing with CAD**” for Mechanical Engineering students from **6th January to 18th January 2025**. The program was coordinated by **Prof. Rahul Tiwari**. As the outcome of this course, the students learned about the 2D & 3D modelling and designing of various mechanical components. **45** students were attended the SWS.

Prof. N K Sagar, HoD (Mechanical Engineering), Convener and Dr. Rajiv Srivastava, Director SIRT was the Advisor during the SWS, they extended their wishes to all students.



#### VISION

To mould students into competitive Mechanical Engineering professionals to serve society and industry globally.

#### MISSION

1. To provide state of the art quality education to upgrade students skills.
2. To enhance learning and research with usage of IT modern tools.
3. To inculcate ethical moral and cultural values among students.

#### PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO 1. Graduates will have fundamental and advanced knowledge of core courses and inter disciplinary engineering for developing effective computing solution by incorporating creative and logical reasoning.

PEO 2. Graduates will have capabilities to develop software, understand the technical specification, design and provide innovative solutions for society by diligence, team work and lifelong learning.

PEO 3. Graduate will have good communication skill, leadership skill, and ethical Values and time management.

PEO 4. Graduate will have the ability to get employed in industries or pursue higher studies or turn as researchers or entrepreneurs.

#### PROGRAM SPECIFIC OUTCOMES (PSOs)

Students will be able to :

PSO 1. Understand, analyze and develop computer programs in the areas related to algorithms, system software, multimedia, big data analytics and networking for efficient design of IT based systems including web & Mobile applications.

PSO 2. Use and apply current technical concepts and practices in the core Information Technologies to engage in life-long learning and Higher studies.

PSO 3. Work as individual or as a team with Social awareness & environmental wisdom along with ethical responsibility to lead a successful career as an Entrepreneur.