

Vision

- To establish an ecosystem focused on Automation and Robotics, fostering the growth of technocrats committed to advancing technology-driven socio-economic development within the nation.

Mission

- M1: To equip technocrats with state of art knowledge and technical expertise in Robotics and Automation where ideas, innovations and research will synergize.
- M2: To provide technocrats with the skills, knowledge and expertise to become the leaders in robotics and automation.
- M3: To instill sustainable development to meet the needs of society.

Program Educational Objectives (PEOs)

- PEO 1: Engineers will exhibit proficiency in designing, analyzing, and implementing robotic systems to address practical challenges.
- PEO 2: Engineers will exhibit research skills to promote innovation, invention, and entrepreneurship for societal needs.
- PEO 3: Graduates shall practice their profession with ethical responsibility and a commitment to lifelong learning.
- PEO 4: Engineer will be an active member who is ready to serve the society locally and internationally and will take up entrepreneurship for the growth of economy and to generate employment.

Programme Specific Outcomes (PSOs)

- PSO 1: Analyze the industrial systems/problems and propose appropriate technology leading to innovation.
- PSO 2: Apply skills to model, simulate and develop robotic systems, for enhanced industrial productivity.
- PSO 3: Design indigenous systems through advanced hardware and software tools to solve the prevailing problems in factory automation.
- PSO 4: Provide solutions for various societal problems through Robotics and Automation.
- PSO 5: Use of advanced tools and techniques of Robotics and Automation to provide solutions to engineering and societal issues that are cost-effective and environmentally friendly.
- PSO 6: Use of automation systems for various manufacturing processes that are error free and safe.
- PSO 7: Apply knowledge of Robotics and Automation to develop solutions to meet present industrial challenges and enhanced productivity.

ACTIVITY CALENDAR (EVEN SEMESTER)

Session 2023-24 (January – June'2024)

S.No.	Description	Date & Day
1.	Start of the session	January 15, 2024 (Monday)
2.	Introduction of SAE club Membership	January 19, 2024 (Friday)
3.	Republic Day (Holiday)	January 26, 2024 (Friday)

	Technical Quiz Competition (based on GATE)	January 31, 2024 (Wednesday)
4.	Alumni Connect Program (VI Semester)	February 02, 2024 (Friday)
5.	Preparation for Competition in SAE	February 03, 2024 Saturday)
9.	Synopsis Presentation	February 16, 2024 (Friday)
10.	Industrial visits	February 23, 2024 (Friday)
12.	Annual Sports	February 29- March 02, 2024 (Thursday-Saturday)
13.	Session Exam (VI Semester)	March 04-09, 2024 (Monday-Saturday)
15.	Mid-Term Project Report Submission (VIII Semester)	March 11, 2024 (Monday)
	Sessional Exam (IV Semester)	March 16-22, 2024 (Saturday-Friday)
16.	Review of Student Chapters/Project Competition (VI Semester)	March 16, 2024 (Saturday)
17.	Workshop on Festo workstation for PLC	March 22, 2024 (Friday)
18.	Holi Break	March 24-31, 2024 (Sunday-Sunday)
19.	Drona Thon	April 05-06, 2024 (Fri-Sat)
20.	Spoken Tutorial Test	April 11, 2024 (Thursday)
21.	Spoken Tutorial	April 12, 2024 (Friday)
22.	Pre University (VI-VIII Semester)	April 19-24, 2024 (Friday-Wednesday)
26.	Final Project Viva (VIII Semester)	April 26, 2024 (Friday)
27.	Internal Practical Viva (VI/VIII Semester)	April 27, 2024 (Saturday)
28.	Internal Practical Viva/ Certification on Value added Courses (VI/VIII Semester)	April 29, 2024 (Monday)
29.	PTEL Certification Viva-Voca (VI/VIII Semester)	April 30, 2024 (Tuesday)
30.	Pre-University Examination (IV Semester)	May 06-11, 2024 (Monday-Saturday)

Prof. Neha Chauhan
HOD(ME)