



ACADEMIC CALENDAR 2024-2025

DEPARTMENT OF MECHANICAL ENGINEERING

VISION OF THE COLLEGE

To be an internationally recognized seat of higher learning in Engineering, Technology and Science in future.

It also visualizes being a research incubator for academicians, industrialists and researchers from across the country /world.

MISSION OF THE COLLEGE

- It strives to provide quality Technical education at affordable cost.
- Providing state-of-the art infrastructure facilities to achieve excellence in Teaching-Learning, Research and Development.
- Aligning with leading industries to create competent engineers through internships and placement focused training.
- Create an environment which is conducive to learn skills which will solve pressing issues along with foundation in moral values and ethics.

VISION OF THE DEPARTMENT

To be acknowledged as a centre for education par excellence in the domain of Mechanical Engineering, moulding engineers who are knowledge able, innovative and socially responsible, whom will contribute to the expansion of the frontiers of human development.

MISSION OF THE DEPARTMENT

- ✓ To impart high quality education to the students so that they can enhance their knowledge and awareness of the technologies in the field of Mechanical Engineering.
- ✓ To encourage the students to undertake projects that would improve their understanding and hone their innovative skills.
- ✓ To impress upon the budding engineers the need for ethical guidelines and professionalism so that they can be responsible entrepreneurs and leaders in tomorrow's challenging world.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

PEO -1: Our mechanical engineering graduates will be competent world class engineers with a commitment to profession and ethics.

PEO -2: Our mechanical engineering graduates will have a successful career as managers, and administrators throughout the world where an engineering approach to problem solving and ability to independent learning is highly valued.

PEO -3: Our mechanical engineering graduates will act as an effective and contributing team member in research and academia.

PROGRAMME OUTCOMES (PO)

Mechanical Engineering Graduates will be able to:

- **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems
- **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- **Design/Development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal and environmental conditions.
- **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **Modern tool usage:** Create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- **The Engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety. Legal and cultural issues and the consequent responsibilities relevant to the professional engineering practices.
- **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts and demonstrate the knowledge of, and need for sustainable development.
- **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSOs)

On successful completion of the Mechanical Engineering Degree programme, the Graduates shall exhibit the following:

1. Apply the knowledge gained in Mechanical Engineering for design and development and manufacture of engineering systems.
2. Apply the knowledge acquired to investigate research-oriented problems in mechanical engineering with due consideration for environmental and social impacts.
3. Use the engineering analysis and data management tools for effective management of multidisciplinary projects.

JANUARY 2025

Date	Day	Activity	Academic Day	Class Test
1	Wed	New year 2025 - Holiday		
2	Thu			
3	Fri	IQAC Meeting		
4	Sat			
5	Sun	Holiday		
6	Mon			
7	Tue			
8	Wed			
9	Thu			
10	Fri			
11	Sat			
12	Sun	National Youth Day		
13	Mon			
14	Tue	Pongal - Holiday		
15	Wed	Thiruvallur Day - Holiday		
16	Thu			
17	Fri			
18	Sat			
19	Sun	Holiday		
20	Mon			
21	Tue	21 st Governing Council Meeting		
22	Wed			
23	Thu	Department Faculty Meeting-I		
24	Fri			
25	Sat			
26	Sun	Republic Day - Holiday		
27	Mon	College Reopens for Even Semester 2024-2025 for all UG & PG Classes	1	
28	Tue	Value added course for II Year(AutoCAD)	2	
29	Wed	Training for 4 th Year (Workshop on Non- Destructive Testing)	3	
30	Thu		4	
31	Fri		5	

FEBRUARY 2025

Date	Day	Activity	Academic Day	Class Test
1	Sat			
2	Sun	Holiday		
3	Mon	Department Faculty Meeting-II	6	Class Test 1.1
4	Tue	Zeroth Review for II, III & IV Year	7	
5	Wed	Field Visit- Loco Works, Chennai	8	
6	Thu	Seminar on “Human-Robot Collaboration in Manufacturing”	9	
7	Fri	Zeroth Review Report Submission	10	
8	Sat			
9	Sun	Holiday		
10	Mon	Industrial Visit	11	Class Test 1.2
11	Tue		12	
12	Wed	Field Visit-II	13	
13	Thu		14	
14	Fri	2 nd BOS Meeting – CSE	15	
15	Sat			
16	Sun	Holiday		
17	Mon	AutomateX Club based activity Seminar	16	Class Test 2.1
18	Tue	2 nd BOS Meeting - ECE	17	
19	Wed		18	
20	Thu	2 nd BOS Meeting - CIVIL	19	
21	Fri	Mentoring Review Meeting/ First Review for II, III & IV Year	20	
22	Sat	Department Faculty Meeting-III		
23	Sun	Holiday		
24	Mon	2 nd BOS Meeting - CT Class Committee Meeting-1 Week/ Alumni interaction-I	21	Class Test 2.2
25	Tue	Annual Day for Life Skill Department/2 nd BOS Meeting - Mech	22	
26	Wed	Expert Guest lecture on “Next-Gen Valve Technology”	23	
27	Thu	2 nd BOS Meeting – S&H	24	
28	Fri	First Review Report Submission/ National Science day	25	

MARCH 2025

Date	Day	Activity	Academic Day	Class Test
1	Sat			
2	Sun	Holiday		
3	Mon	Commencement of CAT 1 Examinations for all UG & PG Classes	26	CAT 1
4	Tue	Debate on “Engineering toward self- sustained Nation”	27	
5	Wed	2nd Academic Council Meeting	28	
6	Thu	Department Faculty Meeting-IV	29	
7	Fri	Field Visit-III	30	
8	Sat	International Women's Day		
9	Sun	Holiday		
10	Mon	Seminar on “Application of IOT in manufacturing”	31	
11	Tue	Workshop on “Automobile Engineering ” for II Year (4 Days)	32	
12	Wed	Inter college competition (Design challenge, Quiz competition, paper presentation, problem solution, Poster presentation)	33	
13	Thu	Industrial Visit-II	34	
14	Fri	National Level Hackathon	35	
15	Sat			
16	Sun	Holiday		
17	Mon	Model Practical Examination – 1	36	Class Test 3.1
18	Tue	Model Practical Examination – 1	37	
19	Wed	Alumni interaction-II	28	
20	Thu	Inter College Cultural Event	39	
21	Fri	Annual Cultural's Day	40	
22	Sat	World Water Day		
23	Sun	Holiday		
24	Mon		41	Class Test 3.2
25	Tue	Expert Guest lecture on “Emerging Trends in Welding”	42	
26	Wed	Mid Semester Feedback Submission	43	
27	Thu	Department Faculty Meeting-V	44	
28	Fri	Mentoring Review Meeting	45	
29	Sat			
30	Sun	Telugu New year - Holiday		
31	Mon		46	

APRIL 2025

Date	Day	Activity	Academic Day	Class Test
1	Tue	Industrial Visit (Hyundai motors)	47	Class Test 4.1
2	Wed	Department Faculty Meeting-VI	48	
3	Thu	National Level Project Expo	49	
4	Fri	Seminar on “MEMS In Industrial Automation	50	
5	Sat			
6	Sun	Holiday		
7	Mon	World Health Day Class Committee Meeting-2 Week	51	Class Test 4.2
8	Tue		52	
9	Wed		53	
10	Thu	Mahavir Jayanthi	54	
11	Fri		55	
12	Sat			
13	Sun	Holiday		
14	Mon	Tamil New year - Holiday		
15	Tue	New Product Development Club Based Activity Project & Seminar	56	
16	Wed	CSE & CT International Conference	57	
17	Thu	Annual Sports Day	58	
18	Fri	Good Friday - Holiday		
19	Sat			
20	Sun	Holiday		
21	Mon	Commencement of CAT 2 Examinations for all UG & PG Classes	59	CAT 2
22	Tue	Department Faculty Meeting-VII/ Second Review for II, III & IV Year	60	
23	Wed		61	
24	Thu		62	
25	Fri	Second Review Report Submission	63	
26	Sat			
27	Sun	Holiday		
28	Mon	Inter Department Quiz Competition	64	
29	Tue	Industrial Visit -Apollo Tyree Ltd	65	
30	Wed		66	

MAY 2025

Date	Day	Activity	Academic Day	Class Test
1	Thu	May day - Holiday		Class Test 5.1
2	Fri	Mentoring Review Meeting	67	
3	Sat			
4	Sun	Holiday		
5	Mon	Department Faculty Meeting-VIII	68	Class Test 5.2
6	Tue	Guest Lecture on Career Growth Acceleration	69	
7	Wed		70	
8	Thu	World Red Cross Day	71	
9	Fri	ECE & EEE International Conference	72	
10	Sat			
11	Sun	Holiday		
12	Mon	Commencement of Model Examinations for all UG & PG Classes	73	Model Exam
13	Tue		74	
14	Wed		75	
15	Thu	Third Review for II, III & IV Year	76	
16	Fri		77	
17	Sat			
18	Sun	Holiday		
19	Mon		79	Model Exam
20	Tue		80	
21	Wed	Mech & Civil International Conference	81	
22	Thu	Third Review Report Submission Model Practical Examination – 2	82	
23	Fri	Model Practical Examination – 2 Last Working day of Even Semester 2024-25/ Annual Faculty Fest 2024-2025	83	
24	Sat			
25	Sun	Holiday		
26	Mon	Commencement of University Practical Examinations for all UG & PG Classes		
27	Tue	Department Faculty Meeting-IX		
28	Wed			
29	Thu			
30	Fri	End Semester Feedback Submission		
31	Sat			

JUNE 2025

Date	Day	Activity	Academic Day	Class Test
1	Sun	Holiday		
2	Mon	Commencement of University Theory Examinations for all UG & PG Classes		
3	Tue			
4	Wed			
5	Thu	S&H International Conference/ World Environment Day		
6	Fri	Department Faculty Meeting-X		
7	Sat			
8	Sun	Holiday		
9	Mon			
10	Tue			
11	Wed			
12	Thu			
13	Fri			
14	Sat			
15	Sun	Holiday		
16	Mon	IQAC Meeting		
17	Tue			
18	Wed			
19	Thu			
20	Fri			
21	Sat	International Day of Yoga		
22	Sun	Holiday		
23	Mon			
24	Tue			
25	Wed	22 nd Governing Council Meeting		
26	Thu			
27	Fri	Department Faculty Meeting-XI		
28	Sat			
29	Sun	Holiday		
30	Mon			

JULY 2025

Date	Day	Activity	Academic Day	Class Test
1	Tue	Beginning of Summer Projects & Internship		
2	Wed			
3	Thu			
4	Fri	Department Faculty Meeting-XII		
5	Sat			
6	Sun	Holiday		
7	Mon	Theory Examinations Valuation		
8	Tue			
9	Wed			
10	Thu			
11	Fri			
12	Sat			
13	Sun	Holiday		
14	Mon			
15	Tue			
16	Wed			
17	Thu			
18	Fri	Announcement of Results for Examinations May-June 2025		
19	Sat			
20	Sun	Holiday		
21	Mon			
22	Tue			
23	Wed	Commencement of Supplementary Examinations		
24	Thu			
25	Fri			
26	Sat			
27	Sun	Holiday		
28	Mon			
29	Tue			
30	Wed			
31	Thu			

AUGUST 2025

Date	Day	Activity	Academic Day	Class Test
1	Fri	College Reopens for ODD Semester 2025-2026		
2	Sat			
3	Sun	Holiday		
4	Mon			
5	Tue			
6	Wed			
7	Thu			
8	Fri			
9	Sat			
10	Sun	Holiday		
11	Mon			
12	Tue			
13	Wed			
14	Thu			
15	Fri	Independence Day		
16	Sat			
17	Sun	Holiday		
18	Mon			
19	Tue			
20	Wed			
21	Thu			
22	Fri			
23	Sat			
24	Sun	Holiday		
25	Mon			
26	Tue			
27	Wed			
28	Thu			
29	Fri			
30	Sat			
31	Sun	Holiday		