

# 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 search 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 solute ions 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.

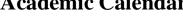
# PROGRAM SPECIFIC OUTCOMES (PSOs)

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. Us e the engineering analysis and data management tools for effective management of multidisciplinary projects.



# Department Of Mechanical Engineering





# 2024-25 Even Semester

		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	N ( 17 A B		
12	Sun	National Youth Day		
13	Mon Tue	Dongol Holiday		
15	Wed	Pongal - Holiday Thiruvallur Day - Holiday		
16	Thu	I mruvanur Day - Honday		
17	Fri			
18	Sat			
19	Sun	Holiday		
20	Mon	·		
21	Tue	21 <sup>st</sup> 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 <sup>th</sup> Year (Workshop on Non- Destructive Testing)	3	
30	Thu		4	
31	Fri		5	



# Department of Mechanical Engineering





		FEBRUARY 2025		
Date	Day	Activity	Academic Day	Class Test
1	Sat			
2	Sun	Holiday		
3	Mon	Department Faculty Meeting-II	6	
4	Tue	Zeroth Review for II, III & IV Year	7	+;
5	Wed	Field Visit- Loco Works, Chennai	8	st 1
6	Thu	Seminar on "Human-Robot Collaboration in Manufacturing"	9	s Te
7	Fri	Zeroth Review Report Submission	10	Jas
8	Sat			
9	Sun	Holiday		
10	Mon	Industrial Visit	11	
11	Tue		12	7
12	Wed	Field Visit-II	13	st 1
13	Thu		14	s Te
14	Fri	2 <sup>nd</sup> BOS Meeting – CSE	15	Class Test 2.2 Class Test 2.1 Class Test 1.2 Class Test 1.1
15	Sat			
16	Sun	Holiday		
17	Mon	AutomateX Club based activity Seminar	16	
18	Tue	2 <sup>nd</sup> BOS Meeting - ECE	17	
19	Wed		18	2.1
20	Thu	2 <sup>nd</sup> BOS Meeting - CIVIL	19	est
21	Fri	Mentoring Review Meeting/ First Review for II, III & IV Year	20	Jass T
22	Sat	Department Faculty Meeting-III		)
23	Sun	Holiday		
24	Mon	2 <sup>nd</sup> BOS Meeting - CT Class Committee Meeting-1 Week/ Alumni interaction-I	21	
25	Tue	Annual Day for Life Skill Department/2 <sup>nd</sup> BOS Meeting - Mech	22	7
26	Wed	Expert Guest lecture on "Next-Gen Valve Technology"	23	sst 2
27	Thu	2 <sup>nd</sup> BOS Meeting – S&H	24	s Te
28	Fri	First Review Report Submission/National Science day	25	Clas



# Department of Mechanical Engineering





		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	
4	Tue	Debate on "Engineering toward self- sustained Nation"	27	
5	Wed	2 <sup>nd</sup> Academic Council Meeting	28	L1
6	Thu	Department Faculty Meeting-IV	29	CAT 1
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	
18	Tue	Model Practical Examination – 1	37	_
19	Wed	Alumni interaction-II	28	it 3.
20	Thu	Inter College Cultural Event	39	Class Test 3.1
21	Fri	Annual Culturals Day	40	lass
22	Sat	World Water Day		ū
23	Sun	Holiday		
24	Mon		41	
25	Tue	Expert Guest lecture on "Emerging Trends in Welding"	42	2
26	Wed	Mid Semester Feedback Submission	43	Class Test 3.2
27	Thu	Department Faculty Meeting-V	44	Tes
28	Fri	Mentoring Review Meeting	45	ass
29	Sat			5
30	Sun	Telugu New year - Holiday		
31	Mon		46	



# Department of Mechanical Engineering

# **Academic Calendar**

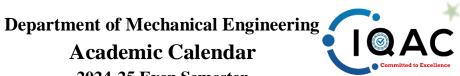




		APRIL 2025		
Date	Day	Activity	Academic Day	Class Test
1	Tue	Industrial Visit (Hyundai motors)	47	
2	Wed	Department Faculty Meeting-VI	48	4.1
3	Thu	National Level Project Expo	49	Class Test 4.1
4	Fri	Seminar on "MEMS In Industrial Automation	50	L ss
5	Sat			Cla
6	Sun	Holiday		
7	Mon	World Health Day Class Committee Meeting-2 Week	51	
8	Tue		52	4. 2.
9	Wed		53	est
10	Thu	Mahavir Jayanthi	54	Class Test 4.2
11	Fri		55	Cla
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	
22	Tue	Department Faculty Meeting-VII/ Second Review for II, III & IV Year	60	67
23	Wed		61	CAT 2
24	Thu		62	CA
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	



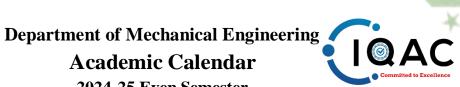




		MAY 2025		
Date	Day	Activity	Academic Day	Class Test
1	Thu	May day - Holiday		5.1
2	Fri	Mentoring Review Meeting	67	Class Test 5.1
3	Sat			rss 1
4	Sun	Holiday		CI3
5	Mon	Department Faculty Meeting-VIII	68	
6	Tue	Guest Lecture on Career Growth Acceleration	69	3
7	Wed		70	Class Test 5.2
8	Thu	World Red Cross Day	71	s Te
9	Fri	ECE & EEE International Conference	72	Jasa
10	Sat			0
11	Sun	Holiday		
12	Mon	Commencement of Model Examinations for all UG & PG Classes	73	
13	Tue		74	Ħ
14	Wed		75	Exa
15	Thu	Third Review for II, III & IV Year	76	Model Exam
16	Fri		77	$\mathbf{M}_{0}$
17	Sat			
18	Sun	Holiday		
19	Mon		79	
20	Tue		80	
21	Wed	Mech & Civil International Conference	81	_
22	Thu	Third Review Report Submission Model Practical Examination – 2	82	el Exam
23	Fri	Model Practical Examination – 2 Last Working day of Even Semester 2024-25/ Annual Faculty Fest 2024-2025	83	Model
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 <sup>nd</sup> Governing Council Meeting		
26	Thu			
27	Fri	Department Faculty Meeting-XI		
28	Sat			
29	Sun	Holiday		
30	Mon			



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# **Academic Calendar**

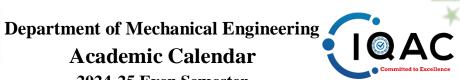


2024-25 Even Semester

		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		