



JERUSALEM COLLEGE OF ENGINEERING

(An Autonomous Institution)

NBA & NAAC Accredited Institution, Approved by AICTE & Affiliated to Anna University

Velachery Main Road, Pallikaranai, Chennai-600100

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

ACADEMIC CALENDAR

B.E. II & III YEAR

SEMESTER : EVEN SEMESTER

ACADEMIC YEAR: 2024 - 2025

January-25				February-25				March-25				April-25			
CWD	DATE	DAY	Academic Events	CWD	DATE	DAY	Academic Events	CWD	DATE	DAY	Academic Events	CWD	DATE	DAY	Academic Events
	1-Jan-25	Wed		16	1-Feb-25	Sat	Friday Day Order		1-Mar-25	Sat		61	1-Apr-25	Tues	
	2-Jan-25	Thurs			2-Feb-25	Sun			2-Mar-25	Sun		62	2-Apr-25	Wed	
	3-Jan-25	Fri		17	3-Feb-25	Mon		39	3-Mar-25	Mon		63	3-Apr-25	Thurs	
	4-Jan-25	Sat		18	4-Feb-25	Tues	Workshop - III Year	40	4-Mar-25	Tues		64	4-Apr-25	Fri	
	5-Jan-25	Sun		19	5-Feb-25	Wed		41	5-Mar-25	Wed			5-Apr-25	Sat	
1	6-Jan-25	Mon	Reopening Day Workshop - II & III Years	20	6-Feb-25	Thurs	Industrial Visit - III Year	42	6-Mar-25	Thurs			6-Apr-25	Sun	
2	7-Jan-25	Tues	Workshop - II & III Years	21	7-Feb-25	Fri	Guest Lecture - II Year	43	7-Mar-25	Fri		65	7-Apr-25	Mon	AT - 2
3	8-Jan-25	Wed	Workshop - II & III Years	22	8-Feb-25	Sat	Monday Day Order	44	8-Mar-25	Sat	Wednesday Day Order	66	8-Apr-25	Tues	AT - 2
4	9-Jan-25	Thurs			9-Feb-25	Sun			9-Mar-25	Sun		67	9-Apr-25	Wed	AT - 2
	10-Jan-25	Fri	Pongal Holidays	23	10-Feb-25	Mon		45	10-Mar-25	Mon	CCM2 - II Year		10-Apr-25	Thurs	Mahavir Jayanthi
	11-Jan-25	Sat			11-Feb-25	Tues	Thai Pooam	46	11-Mar-25	Tues	CCM2 - III Year	68	11-Apr-25	Fri	AT - 2
	12-Jan-25	Sun		24	12-Feb-25	Wed		47	12-Mar-25	Wed			12-Apr-25	Sat	Graduation Day
	13-Jan-25	Mon		25	13-Feb-25	Thurs		48	13-Mar-25	Thurs	Workshop - II Year		13-Apr-25	Sun	
	14-Jan-25	Tues		26	14-Feb-25	Fri		49	14-Mar-25	Fri	Workshop - II Year		14-Apr-25	Mon	Tamil New Year
	15-Jan-25	Wed		27	15-Feb-25	Sat	Symposium	50	15-Mar-25	Sat	PTM	69	15-Apr-25	Tues	AT - 2
	16-Jan-25	Thurs			16-Feb-25	Sun			16-Mar-25	Sun		70	16-Apr-25	Wed	AT - 2
	17-Jan-25	Fri		28	17-Feb-25	Mon		51	17-Mar-25	Mon		71	17-Apr-25	Thurs	AT - 2
	18-Jan-25	Sat		29	18-Feb-25	Tues		52	18-Mar-25	Tues	College Day & Sports Day		18-Apr-25	Fri	Good Friday
	19-Jan-25	Sun		30	19-Feb-25	Wed	AT - 1	53	19-Mar-25	Wed			19-Apr-25	Sat	
5	20-Jan-25	Mon	Industrial Visit - II Year	31	20-Feb-25	Thurs	AT - 1	54	20-Mar-25	Thurs	Culturals		20-Apr-25	Sun	
6	21-Jan-25	Tues		32	21-Feb-25	Fri	AT - 1		21-Mar-25	Fri		72	21-Apr-25	Mon	
7	22-Jan-25	Wed		33	22-Feb-25	Sat	Tuesday Day Order - AT - 1		22-Mar-25	Sat		73	22-Apr-25	Tues	
8	23-Jan-25	Thurs			23-Feb-25	Sun			23-Mar-25	Sun		74	23-Apr-25	Wed	
9	24-Jan-25	Fri		34	24-Feb-25	Mon	AT - 1	55	24-Mar-25	Mon		75	24-Apr-25	Thurs	
10	25-Jan-25	Sat	Thursday Day Order	35	25-Feb-25	Tues	AT - 1	56	25-Mar-25	Tues		76	25-Apr-25	Fri	Industrial Visit - II Year
	26-Jan-25	Sun	Republic Day	36	26-Feb-25	Wed	AT - 1	57	26-Mar-25	Wed			26-Apr-25	Sat	
11	27-Jan-25	Mon		37	27-Feb-25	Thurs		58	27-Mar-25	Thurs	Value Added Course		27-Apr-25	Sun	
12	28-Jan-25	Tues		38	28-Feb-25	Fri		59	28-Mar-25	Fri	Value Added Course	77	28-Apr-25	Mon	
13	29-Jan-25	Wed						60	29-Mar-25	Sat	Thursday Day Order - Value Added Course	78	29-Apr-25	Tues	Last Working Day
14	30-Jan-25	Thurs	CCM1 - II & III Years						30-Mar-25	Sun	Telugu New Year				
15	31-Jan-25	Fri							31-Mar-25	Mon	Ramzan				

S. V. V.
DEPT. ACADEMIC COORDINATOR

MOD-AI&ML

DEAN - ACADEMICS

PRINCIPAL

I. VISION OF THE DEPARTMENT

To impart high quality knowledge in cutting edge contemporary Artificial Intelligence technologies in par with industrial standards and to produce highly competent graduates, researchers, entrepreneurs, innovative professionals and ethical engineers with the problem solving and leadership abilities of current and emerging technologies to meet the demands of society and global economy.

II. MISSION OF THE DEPARTMENT

- To provide students a problem-solving and analytical education that emphasises skills and values in order to improve their roles in expertise domains.
- To transform students into technically competent graduates through research based Artificial Intelligence and Machine Learning projects and activities in the emerging areas.
- To educate the students to be successful entrepreneurs by providing quality education and enhancing skills of the students.
- To inculcate the values of professional ethics, social concerns, environment protection and life-long learning.

III. PROGRAM OUTCOMES (POs)

- PO 1:** Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO 2:** 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.
- PO 3:** 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 considerations.
- PO 4:** 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.
- PO 5:** 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.
- PO 6:** 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 practice.

- PO 7:** 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.
- PO 8:** Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO 9:** Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO 10:** 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.
- PO 11:** 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.
- PO 12:** Life-long Learning: Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

IV. PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- PEO 1:** Graduates with ability to employ Artificial Intelligence and Machine Learning principles and techniques to analyze requirements, realize technical specifications and create engineering solutions.
- PEO 2:** Graduates with collaborative learning and team-work spirit through multi-disciplinary projects and diverse professional activities.
- PEO 3:** Graduates with strong knowledge, competence and soft skills that allows them to contribute ethically to the needs of society and accomplish sustainable progress in the emerging computing technologies through life-long learning.

V. PROGRAM SPECIFIC OUTCOMES (PSOs)

The graduates will be able to

- PSO 1:** Apply the acquired knowledge to identify real-world research problems, using latest hardware and software tools, along with analytical skills to arrive at cost effective and appropriate solutions.
- PSO 2:** Expose design and programming skills to develop intelligent systems for solving problems from interdisciplinary domains.
- PSO 3:** Develop themselves into professionals who are ready to serve the industry as well as society and to lead a product development company/team.