



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 YEAR: 2025 - 26

EVEN SEMESTER

ACADEMIC CALENDAR

B.E. CSE (AI & ML)

II Year / IV Semester and III Year / VI Semester

January-26				February-26				March-26				April-26			
CWD	DATE	DAY	Academic Events	CWD	DATE	DAY	Academic Events	CWD	DATE	DAY	Academic Events	CWD	DATE	DAY	Academic Events
	1-Jan-26	Thurs			1-Feb-26	Sun	Thalpoosam		1-Mar-26	Sun		62	1-Apr-26	Wed	
	2-Jan-26	Fri		18	2-Feb-26	Mon		40	2-Mar-26	Mon	AT - 1	63	2-Apr-26	Thurs	Industrial Visit
	3-Jan-26	Sat		19	3-Feb-26	Tues	Seminar	41	3-Mar-26	Tues	AT - 1		3-Apr-26	Fri	Good Friday
	4-Jan-26	Sun		20	4-Feb-26	Wed		42	4-Mar-26	Wed	AT - 1		4-Apr-26	Sat	
1	5-Jan-26	Mon	Re Opening Day	21	5-Feb-26	Thurs		43	5-Mar-26	Thurs	AT - 1		5-Apr-26	Sun	
2	6-Jan-26	Tues		22	6-Feb-26	Fri	Industrial Visit	44	6-Mar-26	Fri	AT - 1	64	6-Apr-26	Mon	
3	7-Jan-26	Wed			7-Feb-26	Sat			7-Mar-26	Sat		65	7-Apr-26	Tues	Seminar
4	8-Jan-26	Thurs			8-Feb-26	Sun			8-Mar-26	Sun		66	8-Apr-26	Wed	
5	9-Jan-26	Fri	Seminar	23	9-Feb-26	Mon		45	9-Mar-26	Mon		67	9-Apr-26	Thurs	Value Added Course (III AI&ML)
6	10-Jan-26	Sat		24	10-Feb-26	Tues		46	10-Mar-26	Tues		68	10-Apr-26	Fri	Value Added Course (III AI&ML)
	11-Jan-26	Sun		25	11-Feb-26	Wed	Guest Lecture	47	11-Mar-26	Wed	CCM - 2	69	11-Apr-26	Sat	Value Added Course (III AI&ML)
7	12-Jan-26	Mon	Pongal Celebration	26	12-Feb-26	Thurs		48	12-Mar-26	Thurs	Workshop 1		12-Apr-26	Sun	
	13-Jan-26	Tues	Pongal Holidays	27	13-Feb-26	Fri		49	13-Mar-26	Fri	Workshop 1	70	13-Apr-26	Mon	
	14-Jan-26	Wed		28	14-Feb-26	Sat		50	14-Mar-26	Sat			14-Apr-26	Tues	Tamil New Year
	15-Jan-26	Thurs			15-Feb-26	Sun			15-Mar-26	Sun		71	15-Apr-26	Wed	AT - 2
	16-Jan-26	Fri		29	16-Feb-26	Mon		51	16-Mar-26	Mon		72	16-Apr-26	Thurs	AT - 2
	17-Jan-26	Sat		30	17-Feb-26	Tues		52	17-Mar-26	Tues		73	17-Apr-26	Fri	AT - 2
	18-Jan-26	Sun		31	18-Feb-26	Wed		53	18-Mar-26	Wed	Guest Lecture		18-Apr-26	Sat	
8	19-Jan-26	Mon		32	19-Feb-26	Thurs	College Day & Sports Day		19-Mar-26	Thurs	Telugu New Year		19-Apr-26	Sun	
9	20-Jan-26	Tues		33	20-Feb-26	Fri	Cultural	54	20-Mar-26	Fri		74	20-Apr-26	Mon	AT - 2
10	21-Jan-26	Wed			21-Feb-26	Sat			21-Mar-26	Sat	Ramzan	75	21-Apr-26	Tues	AT - 2
11	22-Jan-26	Thurs			22-Feb-26	Sun			22-Mar-26	Sun		76	22-Apr-26	Wed	AT - 2
12	23-Jan-26	Fri	CCM - 1	34	23-Feb-26	Mon		55	23-Mar-26	Mon		77	23-Apr-26	Thurs	AT - 2
13	24-Jan-26	Sat		35	24-Feb-26	Tues		56	24-Mar-26	Tues		78	24-Apr-26	Fri	AT - 2
	25-Jan-26	Sun	Alumni Meet (Virtual)	36	25-Feb-26	Wed		57	25-Mar-26	Wed		79	25-Apr-26	Sat	
	26-Jan-26	Mon	Republic Day	37	26-Feb-26	Thurs	AT - 1	58	26-Mar-26	Thurs	Workshop 2		26-Apr-26	Sun	
14	27-Jan-26	Tues		38	27-Feb-26	Fri	AT - 1	59	27-Mar-26	Fri	Workshop 2	80	27-Apr-26	Mon	
15	28-Jan-26	Wed		39	28-Feb-26	Sat	AT - 1	60	28-Mar-26	Sat		81	28-Apr-26	Tues	
16	29-Jan-26	Thurs							29-Mar-26	Sun		82	29-Apr-26	Wed	
17	30-Jan-26	Fri	Seminar					61	30-Mar-26	Mon		83	30-Apr-26	Thurs	Last Working Day
	31-Jan-26	Sat	Tamil & English Fest						31-Mar-26	Tues	Mahavoor Jayanthi				

S.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 knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering problems.
- PO 2:** Problem Analysis : Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development.
- PO 3:** Design / Development of Solutions : Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required.
- PO 4:** Conduct Investigations of Complex Problems : Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions.
- PO 5:** Engineering Tool Usage : Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems.

- PO 6:** The Engineer and The World : Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment.
- PO 7:** Ethics : Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws.
- PO 8:** Individual and Collaborative Teamwork : Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.
- PO 9:** Communication : Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences.
- PO 10:** Project Management and Finance : Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.
- PO 11:** Life-long learning : Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking 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, entrepreneurial ability and soft skills that allow 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.



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IV Year / VIII Semester

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	2-Jan-26	Fri		15	2-Feb-26	Mon	Seminar	37	2-Mar-26	Mon	
	3-Jan-26	Sat		16	3-Feb-26	Tues		38	3-Mar-26	Tues	
	4-Jan-26	Sun		17	4-Feb-26	Wed		39	4-Mar-26	Wed	
	5-Jan-26	Mon		18	5-Feb-26	Thurs		40	5-Mar-26	Thurs	
	6-Jan-26	Tues		19	6-Feb-26	Fri		41	6-Mar-26	Fri	
	7-Jan-26	Wed			7-Feb-26	Sat			7-Mar-26	Sat	
1	8-Jan-26	Thurs	Re Opening Day		8-Feb-26	Sun			8-Mar-26	Sun	
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	14-Jan-26	Wed		25	14-Feb-26	Sat		47	14-Mar-26	Sat	
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	16-Jan-26	Fri		26	16-Feb-26	Mon	CCM - 2	48	16-Mar-26	Mon	AT - 2
	17-Jan-26	Sat		27	17-Feb-26	Tues		49	17-Mar-26	Tues	
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6	20-Jan-26	Tues		30	20-Feb-26	Fri	Culturals	51	20-Mar-26	Fri	
7	21-Jan-26	Wed			21-Feb-26	Sat			21-Mar-26	Sat	Ramzan
8	22-Jan-26	Thurs			22-Feb-26	Sun			22-Mar-26	Sun	
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12	28-Jan-26	Wed		36	28-Feb-26	Sat		57	28-Mar-26	Sat	Last Working Day
13	29-Jan-26	Thurs									
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	31-Jan-26	Sat	Tamil & English Fest								

S.V. Vignesh
DEPT. ACADEMIC
COORDINATOR

B. S. Srinivas
HOD-AI&ML

H. S. Srinivas
DEAN - ACADEMICS

P. S. Srinivas
PRINCIPAL

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- 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.

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