



JERUSALEM COLLEGE OF ENGINEERING

(An Autonomous Institution)

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

Velachery Main Road, Pallikaranai, Chennai-600100

ACADEMIC CALENDAR

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

B.E. II & III YEAR

ACADEMIC YEAR: 2024 - 2025

SEMESTER : ODD SEMESTER

July-24				August-24				September-24				October-24						
CWD	DATE	DAY	Academic Events	CWD	DATE	DAY	Academic Events	CWD	DATE	DAY	Academic Events	CWD	DATE	DAY	Academic Events			
	1-Jul-24	Mon		17	1-Aug-24	Thurs			1-Sep-24	Sun		61	1-Oct-24	Tues				
	2-Jul-24	Tues		18	2-Aug-24	Fri		39	2-Sep-24	Mon	AT - 1		2-Oct-24	Wed	Gandhi Jayantbi			
	3-Jul-24	Wed			3-Aug-24	Sat		40	3-Sep-24	Tues		62	3-Oct-24	Thurs				
	4-Jul-24	Thurs			4-Aug-24	Sun		41	4-Sep-24	Wed		63	4-Oct-24	Fri	Workshop on OOP - II Year			
	5-Jul-24	Fri		19	5-Aug-24	Mon		42	5-Sep-24	Thurs			5-Oct-24	Sat				
	6-Jul-24	Sat		20	6-Aug-24	Tues		43	6-Sep-24	Fri	CLUB ACTIVITY		6-Oct-24	Sun				
	7-Jul-24	Sun		21	7-Aug-24	Wed			7-Sep-24	Sat	Ganesh Chaturthi	64	7-Oct-24	Mon				
	8-Jul-24	Mon		22	8-Aug-24	Thurs	CLUB ACTIVITY		8-Sep-24	Sun		65	8-Oct-24	Tues				
	9-Jul-24	Tues		23	9-Aug-24	Fri		44	9-Sep-24	Mon		66	9-Oct-24	Wed	Seminar - III Year			
1	10-Jul-24	Wed	Reopening Day	24	10-Aug-24	Sat	Thursday - Day Order	45	10-Sep-24	Tues	Seminar - II Year	67	10-Oct-24	Thurs				
2	11-Jul-24	Thurs			11-Aug-24	Sun		46	11-Sep-24	Wed			11-Oct-24	Fri	Aayudha Pooja			
3	12-Jul-24	Fri		25	12-Aug-24	Mon	Industrial Visit - III Year	47	12-Sep-24	Thurs	CCM-2 (III YEAR)		12-Oct-24	Sat	Vijaya Dashami			
4	13-Jul-24	Sat	Wednesday - Day Order	26	13-Aug-24	Tues		48	13-Sep-24	Fri	CCM-2 (II YEAR)		13-Oct-24	Sun				
	14-Jul-24	Sun		27	14-Aug-24	Wed		49	14-Sep-24	Sat	PTM	68	14-Oct-24	Mon	AT - 2			
5	15-Jul-24	Mon			15-Aug-24	Thurs	Independence Day		15-Sep-24	Sun		69	15-Oct-24	Tues	AT - 2			
6	16-Jul-24	Tues		28	16-Aug-24	Fri	Seminar - III Year		16-Sep-24	Mon	Milad-un-Nabi	70	16-Oct-24	Wed	AT - 2			
	17-Jul-24	Wed	Muharram		17-Aug-24	Sat		50	17-Sep-24	Tues		71	17-Oct-24	Thurs	AT - 2			
7	18-Jul-24	Thurs			18-Aug-24	Sun		51	18-Sep-24	Wed	Guest Lecture on RL - III Year	72	18-Oct-24	Fri	AT - 2			
8	19-Jul-24	Fri		29	19-Aug-24	Mon	Workshop on WDF - III Year	52	19-Sep-24	Thurs		73	19-Oct-24	Sat	AT - 2 Wednesday - Day Order			
	20-Jul-24	Sat		30	20-Aug-24	Tues	Workshop on WDF - III Year	53	20-Sep-24	Fri			20-Oct-24	Sun				
	21-Jul-24	Sun		31	21-Aug-24	Wed	Guest Lecture on Data Science - II Year		21-Sep-24	Sat		74	21-Oct-24	Mon				
9	22-Jul-24	Mon		32	22-Aug-24	Thurs	CLUB ACTIVITY		22-Sep-24	Sun		75	22-Oct-24	Tues				
10	23-Jul-24	Tues		33	23-Aug-24	Fri	Industrial Visit - II Year	54	23-Sep-24	Mon		76	23-Oct-24	Wed				
11	24-Jul-24	Wed			24-Aug-24	Sat		55	24-Sep-24	Tues		77	24-Oct-24	Thurs				
12	25-Jul-24	Thurs			25-Aug-24	Sun		56	25-Sep-24	Wed		78	25-Oct-24	Fri	Last Working Day			
13	26-Jul-24	Fri			26-Aug-24	Mon	Krishna Jayanthi	57	26-Sep-24	Thurs		Tentative Lab Examinations Commence from 04.11.2024						
	27-Jul-24	Sat		34	27-Aug-24	Tues	AT - 1	58	27-Sep-24	Fri	Symposium					Tentative Theory Examinations Commence from 11.11.2024		
	28-Jul-24	Sun		35	28-Aug-24	Wed	AT - 1	59	28-Sep-24	Sat								
14	29-Jul-24	Mon	CCM-1 (III YEAR)	36	29-Aug-24	Thurs	AT - 1		29-Sep-24	Sun								
15	30-Jul-24	Tues		37	30-Aug-24	Fri	AT - 1	60	30-Sep-24	Mon								
16	31-Jul-24	Wed	CCM-1 (II YEAR)	38	31-Aug-24	Sat	AT - 1 Monday - Day Order											

DEPT. ACADEMIC COORDINATOR

HOD-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.