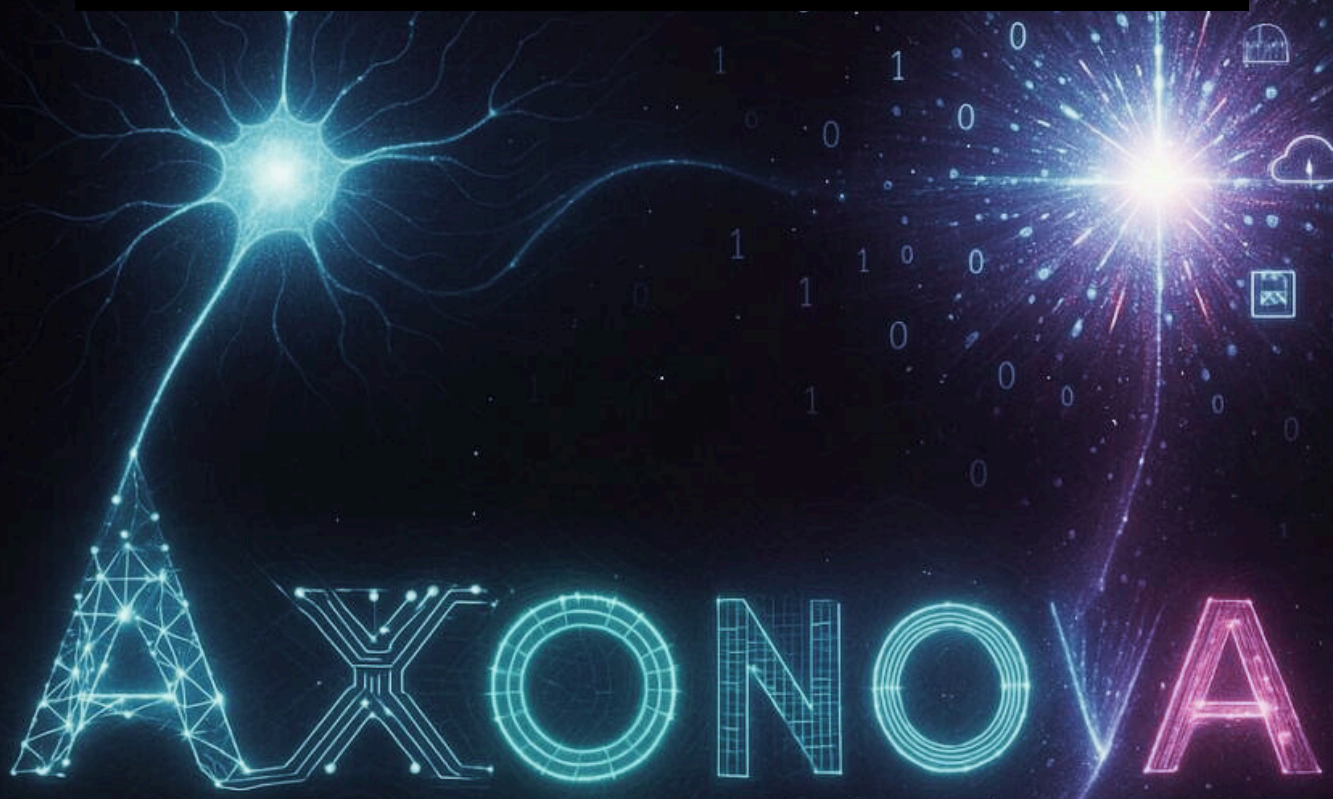
KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY
(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



NEWS LETTER

JULY 2026 - AUGUST 2026

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CONTENTS

01 VISION & MISSION OF THE INSTITUTION

02 VISION & MISSION OF THE DEPARTMENT

03 PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

04 KNOWLEGE AND ATTITUDE PROFILE(WK)

05 PROGRAM SPECIFIC OUTCOMES (PSOs)

06 ABOUT THE DEPARTMENT

07 KNOWLEDGE ENRICHMENT

07 EVENTS ORGANIZED

08 FACULTY ACHIEVEMENTS

09 STUDENT ACHIEVEMENTS

10 PLACEMENT CORNER

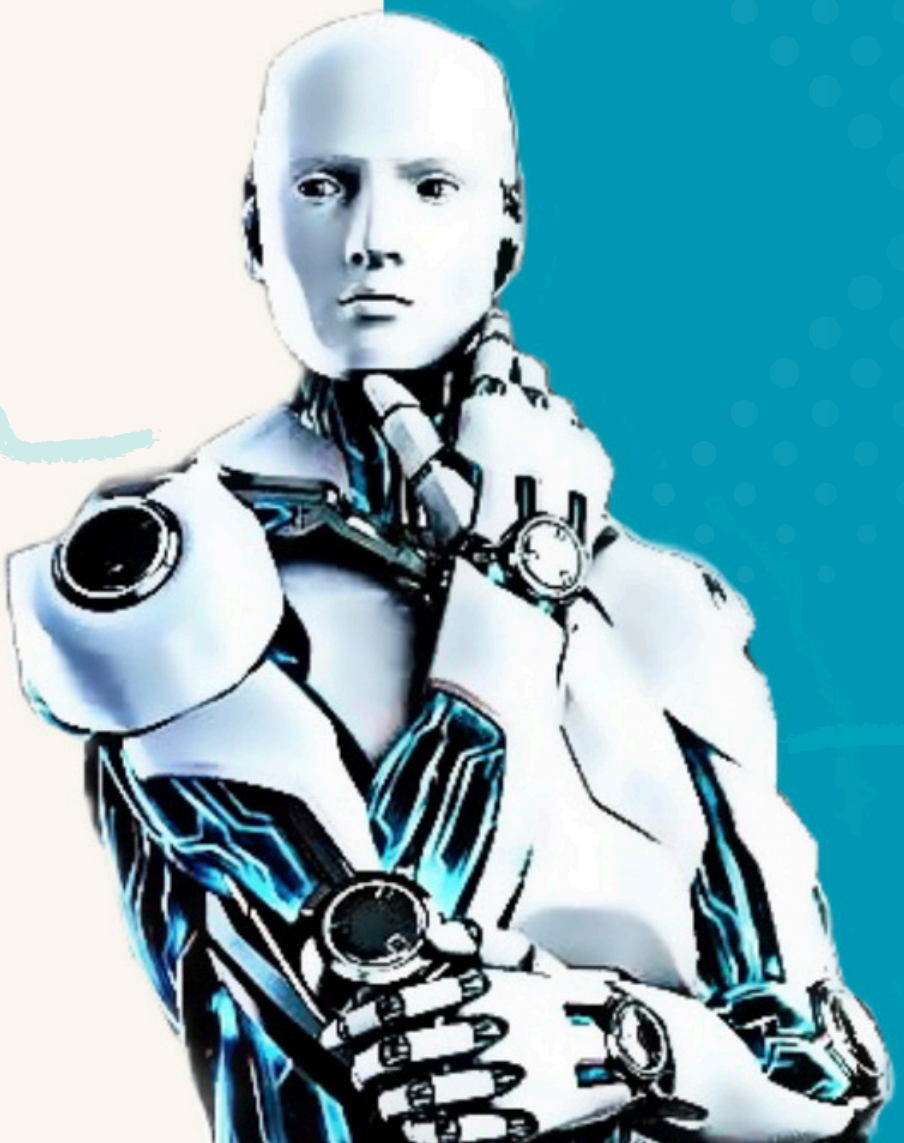
VISION & MISSION OF THE DEPARTMENT

VISION

To make the Department of Artificial Intelligence and Data Science the unique in its field of research and development activities in this part of the world.

Mission

To impart highly innovative and technical knowledge to the urban and rural students in Artificial Intelligence and Data Science through "Total Quality Education".



PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO -1 Apply the basic engineering skills and domain knowledge for developing effective computing solutions to address various social issues.

PEO -2 To have a successful career in technical / managerial roles in multi-disciplinary environment.

PEO -3 To address evolving technical challenges and problems in the areas of computing.

PROGRAM SPECIFIC OUTCOME (PSOs)

PSO -1 **Professional Skills:** To apply learned skills to build optimized solutions pertaining to Data Processing, Artificial Intelligence and Machine Learning

PSO -2 **Problem-Solving Skills:** To analyze data using domain knowledge to get insights and develop appropriate solutions

KNOWLEDGE AND ATTITUDE PROFILE (WK)

WK -1	A systematic, theory-based understanding of the natural sciences applicable to the discipline and awareness of relevant social sciences.
WK -2	Conceptually-based mathematics, numerical analysis, data analysis, statistics and formal aspects of computer and information science to support detailed analysis and modelling applicable to the discipline.
WK -3	A systematic, theory-based formulation of engineering fundamentals required in the engineering discipline.
WK -4	Engineering specialist knowledge that provides theoretical frameworks and bodies of knowledge for the accepted practice areas in the engineering discipline; much is at the forefront of the discipline.

WK -5	Knowledge, including efficient resource use, environmental impacts, whole-life cost, re-use of resources, net zero carbon, and similar concepts, that supports engineering design and operations in a practice area.
WK -6	Knowledge of engineering practice (technology) in the practice areas in the engineering discipline.
WK -7	Knowledge of the role of engineering in society and identified issues in engineering practice in the discipline, such as the professional responsibility of an engineer to public safety and sustainable development.
WK -8	Engagement with selected knowledge in the current research literature of the discipline, awareness of the power of critical thinking and creative approaches to evaluate emerging issues.
WK -9	Ethics, inclusive behaviour and conduct. Knowledge of professional ethics, responsibilities, and norms of engineering practice. Awareness of the need for diversity by reason of ethnicity, gender, age, physical ability etc. with mutual understanding and respect, and of inclusive attitudes.

PROGRAM OUTCOMES(POS)

Engineering graduates will be able to

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 (WK1 to WK4).

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 (WK5).

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. (WK8).

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 (WK2 and WK6).

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. (WK1, WK5, and WK7).

PO -7 **Ethics:** Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws (WK9).

PO -8 **Individual and Collaborative Team work:** 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 (WK8).

ABOUT THE DEPARTMENT

The Department of Artificial Intelligence and Data Science (ADS) was established in the year 2020 with an intake of 60 students at Kamaraj College of Engineering and Technology with the goal of providing advanced education and research opportunities in the rapidly evolving fields of artificial intelligence (AI) and data science. The department provides a four-year B.Tech. programme in Artificial Intelligence and Data Science. Now with a revised intake of 120 students per year, our department remains a forerunner in imparting innovative and technical knowledge. This department is committed to delivering a comprehensive curriculum that includes both theoretical foundations and practical applications of AI and data science. It aims to foster an environment of innovation and excellence, supported by state-of-the-art infrastructure and experienced faculty

MESSAGE FROM HOD

I am pleased to note that the Department of Artificial Intelligence and Data Science is releasing its newsletter, highlighting the various activities and achievements of both faculty and students.

The department strives to nurture confident professionals who are well-prepared for real-time working environments. It provides an excellent academic atmosphere, supported by a team of highly qualified faculty members who inspire students to enhance their technical skills and foster a strong spirit of teamwork.

-Dr.R.Ramya

EVENTS ORGANISED

S.NO	DATE	EVENT TITLE	NAME OF THE PROFESSIONAL SOCIETIES/ BODIES/ CHAPTERS/ CLUBS	RESOURCE PERSON NAME
1	21.07.2026	Guest lecture on "Beyond Chatbots: How Agentic AI is Reshaping Genomic Research	AI – GNITE ClUB	Mr. K. Palani Kannan,Clinical Bioinformatics Researcher, Empowering AI Innovation in Omics Data,Abu Dhabi Emirates, UAE
2	29.07.2026	Guest lecture on " COWORK-Human AI Loop"	AI – GNITE ClUB	Mr.C.Andavar, Senior Technical Consultant,Ramco Systems, Chennai
3	12-08-2026	Beyond Degrees-The Power Of Skill For Success	IIIC	Mrs.Shankary Balamurugan, Cambridge Certified Trainer,FreeLancer at" Step Up"The Hindu Chennai &Macmillan Publications. Academic Director-Kalvi Group of Schools
4	17-08-2026	Beyond Pretrained – The Art of Intelligent Model Adaptation	AMIEE	Jasvanth S,AI Developer, Gateway Software Solution.Chennai

EVENTS ORGANISED

S.NO	DATE	EVENT TITLE	NAME OF THE PROFESSIONAL SOCIETIES/ BODIES/ CHAPTERS/ CLUBS	RESOURCE PERSON NAME
1	21.07.2026	Technical Session On “Learn And Earn”	ASSOCIATION	Mr.P.Sanmuga Raja Pandian, Founder – Saras Web Solutions, Madurai.
2	27.07.2026	Expert Talk On "AI Horizons: Emerging Trends, Features And Applications Across Sectors"	ASSOCIATION	Mr.Jayaraj Theenathayalan, Vice President at Goldman Sachs, UK.

FACULTY ACHIEVEMENTS

S.NO	NAME OF THE FACULTY	NAME OF THE PROGRAMME	DATE	ORGANIZING INSTITUTION	PARTICIPATED/ PRESENTED/ RESOURCE PERSON
1	Dr.R.Ramya	IEEE International Conference on EDIGE 2026	24.07.2026	VIT Bhopal University	Reviewer
2	Dr.R.Ramya	Journal Of Image And Graphics	31.07.2026	Scopus Indexed Journal	Reviewer
3	Dr. R. Aghila	Two-day Hands-On Training on Digital Marketing	01.07.2026 to 02.07.2026	Mannar Thirumalai Naicker College, Madurai	Resourse Person
4	Dr. R. Aghila	Discover Artificial Intelligence Journal	20.07.2026	Discover Artificial Intelligence Journal	Reviewer
5	Dr.R.Aghila	Build Intelligent Workflows with N8N	26.07.2026	Reccsar Pvt. Ltd	Participated

FACULTY ACHIEVEMENTS

S.NO	NAME OF THE FACULTY	NAME OF THE PROGRAMME	DATE	ORGANIZING INSTITUTION	PARTICIPATED/ PRESENTED/ RESOURCE PERSON
6	Dr.P.Praveen Kumar	Programming Bootcamp 2.0 – "Zero to Hero in C Programming	03.07.2026	S.P.G. Chidambaram Nagammal School of Excellence	Resource Person
7	Mrs.S.Nithya	Paper Titled "An Enhanced Deep Learning Framework for Lung Cancer Subtype Classification Using Histopathological Images	10.07.2026	Bansal Institute Of Science and Technology, Bhopal,India	Presented
8	Mrs.S.Nithya	IEEE International Conference on Emerging Trends In Information,Communication & Systems	10.07.2026 to 11.07.2026	Bansal Institute Of Science and Technology,Bho Pal ,IndiaBansal Institute of Science and Technology,Bho Pal,India	Reviewer
9	Mrs.S.Nithya	ASISC Fr. George Hess SJ Memorial Literary Competition 2026 – Zone C	18.07.2026	Idhayam Rajendran School,Madurai	Resource Person
10	Mrs.K.Muthulakshmi	Programming Bootcamp 2.0 – "Zero to Hero in C Programming	03.07.2026	S.P.G. Chidambaram Nagammal School Of Excellence	Resource Person

FACULTY ACHIEVEMENTS

S.NO	NAME OF THE FACULTY	NAME OF THE PROGRAMME	DATE	ORGANIZING INSTITUTION	PARTICIPATED/ PRESENTED/ RESOURCE PERSON
11	Mrs.J.Mary Varsha	Six-days online Faculty Development Program On "Advanced VLSI Technologies Using Cadence EDA Tools	17.08.2026 to 22.08.2026	Kings Engineering College	Participated
12	Mrs.S.Mohanapriya	Six Days National Level Faculty Development Programme	20.07.2026 to 25.01.2026	Vel Tech multi Tech Dr.Rangarajan Dr sukanthala Engineering College	Participated
13	Mrs.A.Nagalakshmi	Build Intelligent Workflows with N8N	26.07.2026	Reccsar Pvt. Ltd	Participated
14	Mrs.N.Vimala	Data Analytics And Machine Learning for Engineering Applications	04.07.2026	SriIndu Institute Of Engineering & Technology	Participated

STUDENT ACHIEVEMENTS

Current fourth-Year Academic Toppers: This poster from the Department of Artificial Intelligence and Data Science at Kamaraj College of Engineering & Technology congratulates the top academic achievers for the even semester of the 2025–2026 academic year. Manashadevi A secured the first-place position with an impressive GPA of 9.41. Closely following are Divyadharshini M in second place with a GPA of 9.409 and Subiksha V in third place with a GPA of 9.36

Current Third-Year Section A Academic Toppers: This celebratory flyer honors the high-performing students for the even semester of the 2025–2026 academic year. Moniha N claimed the first-place rank with a GPA of 9.292. The second-place spot is shared by Akshaya S and Parkavi M, both achieving a GPA of 9.167, while Akshaya Vishal S V and Aravind Pandi S tied for third place with a GPA of 9.042

STUDENT ACHIEVEMENTS

Current Third-Year Section B Academic Toppers: This official department flyer showcases the academic excellence for the even semester of the 2025–2026 academic year. Samuna Padma S earned the first-place ranking with a GPA of 8.92. Securing the remaining top spots are Chither Pandi K in second place with a GPA of 8.87 and Subiksha K in third place with a GPA of 8.83

Padmapriya G, Divyasankari K and Annal Jennifer Raji of III ADS B secured First Place with the cash prize of Rs 1500/- in the IDEATHON conducted by JCI Virudhunagar and Trio-S Software Consultancy Pvt. Ltd. on 02.08.2026

K. Sreedharshini of IV ADS, N. Suruthi and S. Samuna Padma of III ADS B secured Third place with the cash prize of Rs 500 in the IDEATHON conducted by JCI Virudhunagar and Trio-S Software Consultancy Pvt. Ltd. on 02.08.2026.

STUDENT ACHIEVEMENTS

Certificate of Achievement for Naveena D: This Certificate of Achievement certifies that Naveena D and Harishma K of IV ADS secured a Top 100 rank among more than 3.4K participants in the National Cloud & AI Innovation Challenge, Season 2, organised by 3SVK.

STUDENT ACHIEVEMENTS

III ADS students visited iGeeks Technologies, Bengaluru as part of their industrial visit

Congratulations to Ruthravel of II ADS A for winning First Prize in the District-Level Silambam Competition!

STUDENTACHIEVEMENTS

Our NCC Cadet, CPL Rujutha Vemanthani S H, has been selected for the IGC VSC Training Cum Drone Training Camp-III for SD/SW cadets, held at the Government College of Engineering, Salem, from 22 July to 31 July 2026.

Ms. S. Thulasimani and Ms. J. Jeevana of III ADS 'A' Section secured First Place in the AI Paper Presentation competition organized by JCI, Virudhunagar. In recognition of their outstanding achievement, they also received a cash prize of ₹1,500

PLACEMENT DETAILS

S.NO	ROLL NUMBER	STUDENT NAME	COMPANY NAME
1	23UAD051	Nayeem Mohamed Arshath A	Profit.co
2	23UAD029	Asmiya T	Profit.co

Editorial Team

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Dr.R.Ramya, HoD/ADS

Newsletter In-charge

Mrs.J.Mary Varsha, AP/ADS

Student Editors

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Mr.V.R.S.Selva Kumar - IV ADS
Mr.A.Yogeshwaran - III ADS
Ms.N.Nithya Priya - III ADS
Mr.R.Raghava Krishnan - II ADS
Ms.S.Poojasri - II ADS