

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**

AXONOVA

NEWS LETTER

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CONTENTS

- | | | | |
|-----------|---|-----------|----------------------|
| 01 | VISION & MISSION OF THE INSTITUTION | 07 | EVENTS ORGANIZED |
| 02 | VISION & MISSION OF THE DEPARTMENT | 08 | FACULTY ACHIEVEMENTS |
| 03 | PROGRAMME EDUCATIONAL OBJECTIVES (PEOs) | 09 | STUDENT ACHIEVEMENTS |
| 04 | PROGRAMME SPECIFIC OUTCOMES (PSOs) | 10 | PLACEMENT CORNER |
| 05 | ABOUT THE DEPARTMENT | | |
| 06 | KNOWLEDGE ENRICHMENT | | |

VISION OF THE INSTITUTION

To make this Institution the unique of its kind in the field of Research and Development activities in this part of world.



MISSION OF THE INSTITUTION

To impart highly innovative and technical knowledge to the urban and unreachable rural student folks through "Total Quality Education".

QUALITY POLICY

Committed to impart Quality Technical Education imbued with proficiency, human values and continual improvement.



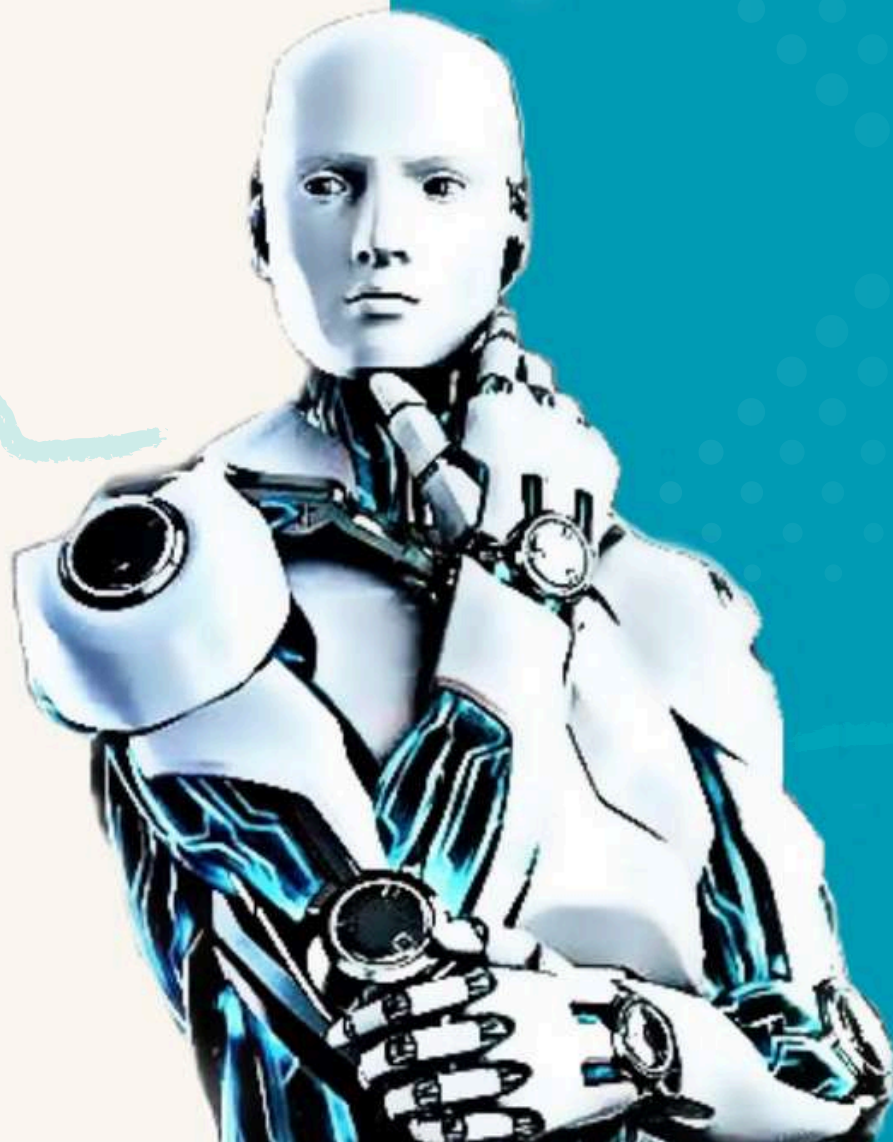
VISION & MISSION OF THE DEPARTMENT

VISION

To Make the Department of Artificial Intelligence and Data Science the unique of its kind in the field of Research and Development activities in this part of world.

Mission

To impart highly innovative and technical knowledge to the urban and unreachable rural student folks 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** Able to have successful career in technical / managerial roles in multi-disciplinary environment.
- PEO -3** To confront the evolving technical challenges and problems in the areas of computing.

PROGRAM SPECIFIC OUTCOME (PSOs)

- PEO -1 Professional Skills:** To apply learned skills to build optimized solutions pertaining to Data Processing, Artificial Intelligence and Machine Learning
- PEO -2 Problem - Solving Skills:** To analyze data using domain knowledge to get insights and develop appropriate solutions

PROGRAM OUTCOMES(POS)

Engineering graduates will be able to

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

Engineering Tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling 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 and international laws.

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.



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 an 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.

DEPARTMENT MONTHLY REPORT

MONTH : SEPTEMBER 2024 - OCTOBER 2024

EVENTS

ORGANIZED

ASSOCIATION DETAILS

S. NO	DATE	EVENT DETAILS	NAME OF THE RESOURCE PERSON	STUDENTS PARTICIPATED
1	12-09-2024	MentalHealth challenges faces by college students	Dr. M. Malathi, Associate Consultant, Meenakshi Mission Hospital, Madurai.	II & III YEAR
2	28.10.2024	Optimize your Linkedin Profile for Success	Mr.NirmalKumar Palanisamy,B.Tech,MS., IBM Certified Developer & Site Reliability, IBM Site Reliability Engineer, IBM Dublin-Ireland.	III ADS

FACULTY

ACHIVEMENTS

PATENT & COPYRIGHT PUBLISHED /FILED

S. NO	Name of the faculty member	Details of the Award	Awarded by	Month & Year
1	Mrs.S.Nithya, AP/ADS	Filed the Design Patent on the Titke of "Novel Robotic Design for AgriBot – Growing Smarter	Intellectual Property, India	September 2024

FDP Attended by Faculty members

S. N O	Name of the faculty member	Name of the Programme	Date	Organizing Institution	Participated/ Presented
1	Mrs.N.Gajalakshmi, AP/ADS	Five-day International Technical Colloquium(online) on “ Emerging Trends & Real Time applications	09-09-2024 To 14-0-2024	Kamaraj College of Engineering and Technology	Participated
2	Mrs.S.Nithya, AP/ADS	Five-day International Technical Colloquium(online) on “Exploring Computational Intelligence in DL: Emerging Trends & Real Time applications	09-09-2024 To 14-0-2024	Kamaraj College of Engineering and Technology	Participated
3	Mrs.S.Nithya, AP/ADS	Five Days Faculty Development program on Artificial Intelligence	09-09-2024 To 14-0-2024	AICTE ATAL Techsakhsham	Participated
4	A.Nagalakshmi, AP/ADS	Five-day International Technical Colloquium(online) on “Exploring Computational Intelligence in Deep Learning: Emerging Trends and Real Time applications	09-09-2024 To 14-0-2024	Kamaraj College of Engineering and Technology	Participated
5	Mrs.K.Indumathi, AP/ADS	Five Days Faculty Development program on MERN Web Stack Development	09-09-2024 To 14-09-2024	AICTE ATAL Techsakhsham	Participated

STUDENTS ACHIEVEMENTS



EXTRA & CO-CURRICULAR ACTIVITIES

S. NO	YEAR	DATE	NAME OF THE STUDENTS	EVENT NAME	COLLEGE NAME	PRIZE
1	IInd year	23/9/2024	VENKATESH	HOCKEY ZONAL MATCH	Kamaraj College of Engineering and Technology	THIRD PRIZE
2	IInd year	19/09/2024	P.VARSHA , K.SREE DHARSHINI, J.KEERTHANA	DIVIDE AND CONQUER	MEPCO SCLENK LEGACY	FIRST PRIZE
3	IInd year	19/09/2024	VIGNESH.R , SAKTHI SINGA MANI	CHOREO BOOM	MEPCO SCLENK LEGACY	THIRD PRIZE
4	IInd year	28/09/24	V.SUBIKSHA ,N.POWERNIKA	PAPER PRESENTATION	MOTHER TERASA COLLEGE	BEST PRESENTATION
5	IIIrd year	30/09/2024	sharon P	Drawing	Kamaraj College of Engineering and Technology	FIRST PRIZE

S. N O	YEAR	DATE	NAME OF THE STUDENTS	EVENT NAME	COLLEGE NAME	PRIZE
6	IIIrd year	18/09/2024	Vijay Chidambaranathan.A, Geethan.S ,Kavin S, GOKULAVASAN.J	SHORT FILM	Mepco Schlenk Engineering College	FIRST PRIZE
7	IIIrd year	20/09/2024	Vijay Chidambaranathan.A	SHORT FILM	PHOTOGRAPHY CLUB OF KCET	FIRST PRIZE
8	IIIrd year	20/09/2024	AKASH.R, SYED NAZMUDEEN S	SHORT FILM	PHOTOGRAPHY CLUB OF KCET	SECOND PRIZE
9	IIIrd year	28/09/24	AKASH.R, SYED NAZMUDEEN S	PAPER PRESENTATION	MOTHER TERASA COLLEGE	BEST PRESENTATION
10	IIIrd year	8/9/2024	AKASH.R ,Geethan.S, Vijay Chidambaranathan.A ,Syed Nazmudeen S	AD-ZAP	JAYCEES CARNIVAL,SIVA KASI	SECOND PRIZE
11	IIIrd year	8/9/2024	SAM SALVIUS.S	battle of bands	JAYCEES CARNIVAL,SIVA KASI	SECOND PRIZE
12	IIIrd year	18/09/24 & 19/09/24	NAGA HARISH KUMAR, G.D.Boopalan , JAI AKASH.R	War With Words(Legacy)	Mepco Schlenk Engineering College	SECOND PRIZE

S. N O	YEAR	DATE	NAME OF THE STUDENTS	EVENT NAME	COLLEGE NAME	PRIZE
13	IIIrd year	18/09/24 & 19/09/24	R.JAI AKASH , S.Kavin , G.D.Boopalan	CHOREO BOOM	Mepco Schlenk Engineering College	THIRD PRIZE
14	IIIrd year	18/09/24	SAM SALVIUS.S	solo instrumental	Mepco Schlenk Engineering College	THIRD PRIZE
15	IIIrd year	7/10/2024	Vino.R.C	Zonal Level Volleyball tournament	AAA College of engineering and technology	THIRD PRIZE
16	IIIrd year	16/10/2024	Vaishnavi S , sharon P	Spotify	AAA College of engineering and technology	THIRD PRIZE

Placement Corner

S.NO	Student Name	Company Placed
1	SIVAKAMI.G	HEXAWARE TECHNOLOGIES LIMITED
2	AKSHAY PIRANAV.B	QUARKSEK TECHNOLOGIES PRIVATE LIMITED
3	SUTHAN.V	SOLARTIS TECHNOLOGY SERVICES PVT.LTD
4	MATHIJAJIN.A	SANMINA SCI INDIA LTD
5	KAVIYA.P	KAAVIAN SYSTEMS PVT. LTD
6	PRAVEEN KUMAR.M	SANMINA SCI INDIA LTD
7	HARSHINI.B	QUARKSEK TECHNOLOGIES PRIVATE LIMITED
8	SURYA BALAN.R	TRIVINE TECHNOLOGY SOLUTIONS
9	AKASH.R	TRIVINE TECHNOLOGY SOLUTIONS
10	NIVEDITHA.N	TERV PRO
11	NANTHA KUMAR.M	MITSUBA INDIA PRIVATE LIMITED
12	JAYASUDHA.S	JS TECHVISION SOLUTIONS
13	MAKIMASATTHI.N	AARVIK DIGITAL IT SOLUTIONS
14	ADLIN WISELEY.I	SKILLMINE TECHNOLOGY CONSULTING PVT., LTD
15	ROSHAN KUMAR.N.K	EDUCATORS LABS PVT LIMITED
16	SIVARANJANI.R	SKILLMINE TECHNOLOGY CONSULTING PVT., LTD
17	TARUN.B	RELEVANTZ TECHNOLOGY SERVICES INDIA PVT.LTD

S.NO	Student Name	Company Placed
18	HARI HARA SUDHAN.P	NOVACIS DIGITAL PVT. LTD
19	HEMA.T	H – ONE ENTERPRISES
20	LAXMIPATHY VENKATESH.V	HCL TECHNOLOGIES
21	DINESH KUMAR.S	SKILLMINE TECHNOLOGY CONSULTING PVT., LTD
22	KISHORE KUMAR.L	TRIVINE TECHNOLOGY SOLUTIONS
23	SIVANI.R	FACEPREP
24	ANDALPRIYA.C	TERV PRO
25	NUTTRENAI.V	RELEVANTZ TECHNOLOGY SERVICES INDIA PVT.LTD
26	SOWNDARYA.A.K	KAAR TECHNOLOGIES PVT LTD
27	MOHAMED FAIZAL ALI.S	AAPGS PRIVATE LIMITED
28	SRI SHIVANUJA.S	TRIVINE TECHNOLOGY SOLUTIONS
29	RAJA LAKSHMI.K	FACEPREP
30	NHIRANJAN.M.K	CLUSTREX DATA PRIVATE LTD
31	JEYADHEESH.N	CLUSTREX DATA PRIVATE LTD
32	GENGADEVI.P	SELVA ENGINEERING AND AUTOMATION
33	SANTHOSH.H.M	HEXAWARE TECHNOLOGIES LIMITED
34	YUVA SRL.R	QUARKSEK TECHNOLOGIES PRIVATE LIMITED
35	RAAMPRAVAV.R	6F TECHNICAL CONSULTANT INDIA PVT LTD
36	VIJAYAMADAESHWAR. M	INFINOG VENTURES

S.NO	Student Name	Company Placed
37	MOHAMED FARHAN.S	MITSUBA INDIA PRIVATE LIMITED
38	ROHITH.A	AARVIK DIGITAL IT SOLUTIONS
39	SANTHOSH KUMAR.S	COGNIZANT TECHNOLOGY SOLUTIONS
40	KATHIROHN.A.M	TRIVINE TECHNOLOGY SOLUTIONS
41	SIVA SAARATHI.S	TERV PRO
42	HARINI.R	QUARKSEK TECHNOLOGIES PRIVATE LIMITED
43	MOHAMED FASIDH.M	MITSUBA INDIA PRIVATE LIMITED
44	SIVA PRAKASH.S	QUARKSEK TECHNOLOGIES PRIVATE LIMITED
45	AHAMED SAHIL.A	QUINTESSENCE BUSINESS SOLUTIONS & SERVICES
46	SHWEATHA AARTHY.S.N	INFINOG VENTURES
47	SYAMALA DEVI.S	FACEPREP
48	MANIKKAVASAKAR.T	SANMINA SCI INDIA LTD
49	MARIUMBEL.S	AARVIK DIGITAL IT SOLUTIONS
50	SRINITHI.S	ICANIO TECHNOLOGIES
51	GANESA MOORTHY.M	SANMINA SCI INDIA LTD
52	KARUPPASAMY.V	SANMINA SCI INDIA LTD
53	PONMANI BOOPATHY.P	TERV PRO
54	ABIMANYU.N	SANMINA SCI INDIA LTD

Editorial Team



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