



Department of Artificial Intelligence and Data Science

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Issue 1

NEWS LETTER

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2023-2024

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Department Vision

Foster competent professionals by inculcating knowledge and skills in the Artificial Intelligence and Machine Learning empire to cater needs of industry and society.

Department Mission

1. To provide a good environment with latest technological infrastructure facilities and interaction with industry in the field of Artificial Intelligence and Data Science.
2. To educate the students in problem solving with necessary skills to solve real world problems.
3. To strengthen the assimilation process of concepts in AI & ML through experiential learning.
4. To create a better Academia-Industry liaison by means of skill enhanced training.

Programme Educational Objectives (PEOs)

1. Utilize their proficiencies in the fundamental knowledge of basic sciences, mathematics, Artificial Intelligence, data science, and statistics to build systems that require management and analysis of large volumes of data.
2. Advance their technical skills to pursue pioneering research in the field of AI and Data Science and create disruptive and sustainable solutions for the welfare of ecosystems.
3. Think logically, pursue lifelong learning, and collaborate with an ethical attitude in a multidisciplinary team.
4. Design and model AI-based solutions to critical problem domains in the real world.
5. Exhibit innovative thoughts and creative ideas for effective contribution towards economy building.

Programme Outcomes (POs)

Engineering Graduates will be able to:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

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

Programme Specific Outcomes (PSOs)

At the end of the programme, the graduates will be able to:

1. evolve AI based efficient domain specific processes for effective decision making in several domains such as business and governance domains.
2. Arrive at actionable Foresight, Insight, hindsight from data for solving business and engineering problems
3. Create, select, and apply the theoretical knowledge of AI and Data Analytics along with practical industrial tools and techniques to manage and solve wicked societal problems.
4. Develop data analytics and data visualization skills, skills pertaining to knowledge acquisition, knowledge representation and knowledge engineering, and hence be capable of coordinating complex projects.
5. Able to carry out fundamental research to cater the critical needs of the society through cutting edge technologies of AI.

FDP/WORKSHOP/JOURNAL/CONFERENCE ATTENDED BY THE FACULTIES

- ✓ Mrs. K.Poongodi, AP/AIDS , Completed course for Applied Generative AI at INFOSYS Springboard (2023-2024)



- ✓ Dr.N .Kannammal,ASP/AIDS, attended FDP on “**Web Technology – Full Stack Using Django**” on **from 01-02-2024 to 03-02-2024.**
- ✓ Dr.N .Kannammal,ASP/AIDS , participated and completed five days workshop on “Exploring Frontiers of AI computing and Technologies” at MSC Tchnology on 21.3.24 to 25.3.24
- ✓ Dr.N.Kannammal, ASP/AIDS attended FDP on “Machine Learning on Generative AI” at MLR Institute of Technology

VALUE ADDED COURSE (2023-2024)





ACADEMIC YEAR 2023-2024
STUDENT ACHIEVEMENTS (2023-2024)

REGISTER NUMBER	STUDENT NAME	YEAR	TOPPER	SUBJECTS
511322243029	Madhumitha.S	2023-2024	Subject Topper	First year
511322243029	Madhumitha.S	2023-2024	Subject Topper	Database Design and Management
511322243029	Madhumitha.S	2023-2024	Subject Topper	Artificial Intelligence
511322243029	Madhumitha.S	2023-2024	Subject Topper	Discrete Mathematics
511322243029	Madhumitha.S	2023-2024	Subject Topper	Database Design and Management
511322243053	Thirisha.N	2023-2024	Acedemic Topper	9.26 CGPA
511322243053	Thirisha.N	2023-2024	Acedemic Topper	9.19CGPA
511322243053	Thirisha.N	2023-2024	Subject Topper	9.11CGPA
511322243050	Suruthi.K	2023-2024	Acedemic Topper	O grade
		2023-2024		
511322243050	Suruthi.K	2023-2024	subject topper	O grade
511322243050	Suruthi.K	2023-2024	subject topper	O grade
511322243051	Swathi.K	2023-2024	subject topper	O grade
511322243053	Thirisha.N	2023-2024	Animation Associate 3D	210 hrs-recognised by NCVET

STUDENT PARTICIPATION (2023-2024)

REGISTER NUMBER	STUDENT NAME	YEAR	EVENT/PROGRAM	CONDUCTED BY
511322243002	Ashok.S.v	25.04.2024	Project Expo-2024	Research and Development cell

511322243020	Jayanth.A	25.04.2024	Project Expo-2024	Research and Development cell
511322243006	Deepak.R	25.04.2024	Project Expo-2024	Research and Development cell
511322243031	Monisha.M	31.03.2024	Artificial Intelligence Workshop	IIT Madras
511322243004	Bhouthri.K	02.12.2023	IoT workshop	IIT Madras
511322243008	Dharikashree.T	02.12.2023	IoT workshop	IIT Madras
511322243007	Devadharshini.R	02.12.2023	IoT workshop	IIT Madras
511322243043	Shalini.R	02.12.2023	IoT workshop	IIT Madras
511322243054	Vanitha.C	04.11.2023	Data science and analysis with	IIT Madras
511322243015	Harini.M	04.11.2023	Data science and analysis with	IIT Madras
511322243025	Keerthana.B	04.11.2023	Data science and analysis with	IIT Madras
511322243032	Nikkitha.PS	04.11.2023	Data science and analysis with	IIT Madras
511322243031	Monisha.M	25.04.2024	Project Expo-2024	2 nd prize
511322243008	Dharikashree.T	19.02.2023	Dr.A.P.J.Abdul Kalam Satellite launch	Chengalpattu(TN),
511322243054	Vanitha.c	19.02.2023	Vehicle mission-2023	Chengalpattu(TN), India
511322243015	Harini.M	19.02.2023	Dr.A.P.J.Abdul Kalam Satellite launch	Chengalpattu(TN),

OUR STUDENTS IN SPORTS(2023-2024)

REGISTER NUMBER	STUDENT NAME	YEAR	TOURNAMENT	EVENT	PLACE
511322243041	Saraswathi.G	3.12.2023	Anna University Zonal Tournamnet	1st -Triple Jump	SKP Engineering
511322243041	Saraswathi.G	3.12.2023	2023-2024	1st- 5000mts	college
511322243041	Saraswathi.G	17.10.2023 to 18.10.2023	Anna University Zonal Tournamnet	2nd- Basketball	SKP Engineering
511322243041	Saraswathi.G	3.12.2023	2023-2024	3rd-Ball batmiton	college
511322243041	Saraswathi.G	17.10.2023 to	Anna University Zonal Tournamnet	1st- 4x400mt relay	KNEC

ACADEMIC YEAR 2024-2025

FDP/WORKSHOP/JOURNAL/CONFERENCE ATTENDED BY THE FACULTIES

- ✓ *Dr. KANNAMMAL N, Faculty members of the AICTE approved institutions of KINGSTON ENGINEERING COLLEGE successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Building Healthy and Sustainable Educational Environment: Legal and Policy Insights at A.V.C.COLLEGE OF ENGINEERING from 03/02/2025 to 08/02/2025.*
- ✓ *Dr. KANNAMMAL N, Faculty members of the AICTE approved institutions of KINGSTON ENGINEERING COLLEGE - participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on HARNESSING DEEP LEARNING IN BUSINESS ANALYTICS-TRANSFORM DATA TO DECISION at KIT-Kalaighnarkarunanidhi Institute of Technology from 06/01/2025 to 11/01/2025.*
- ✓ *Dr.N.Kannammal.N completed Oracle certification from Oracle AI certification and received the ORACLE badge.*
- ✓ *Dr.N.Kannammal ASP/AIDS successfully completed Bootcamp on "Introduction to Blockchain Technology and its Usecases" from CDAC from 20.1.25 to 24.1.25*

AIDS STUDENT PARTICIPATION

Register Number	Student Name	Year	Event/Program	Conducted By
III/AI&DS	ALL THIRD YEAR	2024-2025	Programming Fundamentals Using Python- Part 1,2	INFOSYS Springboard
511322243010	GnanaPrassanna V	2024-2025	Paper Presentation	Symposium
511322243015	Harini .M	2024-2025	Paper Presentation	Symposium
511322243016	Hemalatha S	2024-2025	National Level E-Quiz	National Service Scheme
511322243018	Jaishree . C. N	2024-2025	Paper Presentation	Symposium
511322243022	Kabil.G	2024-2025	Project Expo - 2024	Research and Development Cell
511322243022	Kabil.G		KITATHON'24	Multi Purpose Robot
511322243050	SuruthiI.K	2024-2025	VEI Technologies Industry Internship	JAVA APPLICATION DEVELOPMENT
511322243051	Swathi.K	2024-2025	VEI Technologies Industry Internship	JAVA APPLICATION DEVELOPMENT
511322243053	Thirisha N	2024-2025	VEI Technologies Industry Internship	JAVA APPLICATION DEVELOPMENT
511323243011	ARAVINDHAN . R	2024-2025	IGEN ENVIRONMENT 2024	Earth Element, Fire Element

OUR STUDENTS IN SPORTS(2024-2025)

Register Number	Student Name	Year	Tournament	Event	Place
511322243024	Karthikeyan.D.P	2024-2025	Inter College Sports	Ball Badmitton Tournament	Anna University
511322243031	Monisha .M	2024-2025	Anna University Zonal Tournament	Ball Badmitton	Anna University Zonal Tournament
511322243037	Rajesh I	2024-2025	Inter College Sports	Ball Badmitton Tournament	Inter College Sports
511322243041	Saraswathi G	2024-2025	DelhiNcr Rokit Ball Association	Ball Badmitton	DelhiNcr Rokit Ball Association
511322243041	Saraswathi G	2024-2025	Anna University Zonal Tournament	Atheletics	Anna University Zonal Tournament
511322243042	Sasikumar. R	2024-2025	Inter College Sports	Atheletics	Inter College Sports
511322243301	Jeeva S	2024-2025	Anna University Kabaddi Zonal Tournament	Kabaddi Match	Anna University Kabaddi Zonal Tournament