

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE NEWSLETTER



VISION

Creating ethical leaders through quality professional education with emphasis on holistic excellence.

MISSION

- To emerge as an institution par excellence of global standards by imparting quality engineering and other professional programmes with state-of-the-art facilities.
- To equip the students with appropriate skills for a meaningful career in the global scenario.
- To inculcate ethical values among students and ignite their passion for holistic excellence through social initiatives.
- To participate in the development of society through technology incubation, entrepreneurship and industry interaction.

CORE VALUES

Faith in God and man · Love of fellow beings · Belief in universal citizenship · Moral integrity · Social commitment.



DEPARTMENT MISSION

Strengthening basic competencies in the domains of Artificial Intelligence and Data Science. Providing high-quality, value-based technical education and developing technology professionals with creative ideas and compelling leadership abilities. Using logical thinking to create and develop cutting-edge products in collaboration with industry stakeholders in order to meet global expectations and requirements. Enabling graduates to adapt to new technologies via strong fundamentals and lifetime learning.

DEPARTMENT VISION

Creating ethical leaders in the domain of Artificial Intelligence and Data Science through effectual teaching and learning process to develop emerging technology solutions for the benefits of industry and society with a focus on holistic learning and excellence.

PROGRAMME EDUCATIONAL OBJECTIVES

- Graduates will demonstrate comprehensive expertise in Artificial Intelligence, Machine Learning and Data Analysis, and apply interdisciplinary knowledge in Computer Science, Statistics and Advanced Mathematics to address real-world challenges.
- Graduates will innovate and create impactful solutions ethically, contributing to societal betterment, leveraging their leadership, collaboration and communication skills for effective teamwork and multidisciplinary endeavours.
- Continuously fostering a culture of lifelong learning, graduates will adapt to evolving technological landscapes, demonstrating adaptability and a commitment to ongoing professional development in the dynamic field of AI and Data Science.

PROGRAMME SPECIFIC OUTCOMES

- Graduates will be able to apply core principles of Science, Engineering and Mathematics to develop AI-driven solutions for real-world challenges.
- Graduates will design, develop and implement efficient as well as scalable algorithms using programming languages, data structures and cloud computing technologies.
- Graduates will integrate ethical, social and security considerations while developing AI-driven intelligent systems, ensuring responsible AI deployment.

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Inauguration of AIDA — 31 January 2025

Data Analytics using Tableau — 12–13 February 2025

AI-Driven Robotics workshop — 18–19 February 2025

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Placements, achievements and faculty development

A Note from the HoD...

Welcome to **Issue 06** of the Artificial Intelligence and Data Science Department Newsletter. Where the previous issue was about building the floor beneath the syllabus, this one is about the door at the other end of it.

The semester opened with a **six-day placement training programme** run with Aesthetix Edu-Tech, Kochi, and closed with eighteen of our students holding offers — at Movate, Cognizant, EY Global Delivery Services, 6D Technologies, Federal Bank, Technologies Global, Sutherland, LTIMindtree, ESAF and Vienna IT Networks. Between those two points sat three **industrial visits** — a sewage treatment plant in Panaji, a CNC manufacturer in Noida and a makerspace in Kalamassery — chosen because each shows a different face of the same engineering.

Two hands-on workshops, on **Tableau** and on **AI-driven robotics**, kept the technical work close to practice, and the faculty did their own learning: a five-day **MATLAB FDP** in May and a **Short-Term Training Programme on Natural Language Processing** with the ICT Academy of Kerala in June.

A department is judged in the end by what its graduates can do on their first day at work. On this semester's evidence, ours can do a good deal.

MR. BINEESH M
Head of the Department

Student Spotlight

The semester's honours were spread widely. **Ms. Dhiya Devassy (S6 AD)** took **first place** in the Paper Presentation Competition at Thejus Engineering College on 28 February 2025. **Mr. Yasin Muhammed P. M. (S4 AD)** won **gold** in the Senior Kick Light (under 76 kg) category at the **UIC National Kickboxing Championship 2025** in Kozhikode.

Al Amthan R. M. (S6 AD) qualified for the South-West Zone Inter-University Karate Competition and advanced to represent APJAKTU at the **All India Inter-University Karate Competition 2024-25** at Maharshi Dayanand University, Rohtak. **Ms. Aquamol Tony** was **first runner-up** in Miss Kerala Bold and Beautiful 2024, and **Muhammed Naizan P. S., Leo Antony** and **Lloyd Sebastian** took **third prize** at the Karthavya Hackathon.

THE SEMESTER AT A GLANCE

Date	Programme or visit	Place	With
20–25 January 2025	Placement Training Programme	AD Department	Aesthetix Edu-Tech, Kochi
31 January 2025	Inauguration of AIDA	Decennial Hall	Department of AI & DS
5–9 February 2025	Industrial visit — Tonca Sewage Treatment Plant	Panaji, Goa	S6 · Mr. Shine P Xavier
12–13 February 2025	Workshop — Data Analytics using Tableau	Computer Centre	Ms. Kavya N Lalu, IPCS Global
18–19 February 2025	Workshop — AI-Driven Robotics	Data Science Lab	Mr. Navaneeth Nalesh, Maxq Robotics
21–28 Feb · 27 Feb 2025	Industrial visits — Christie Engineering, Noida; Tinkerspace, Kochi	Noida · Kochi	S8 and S4 batches

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DEPARTMENT OF ARTIFICIAL
INTELLIGENCE AND DATA SCIENCE

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Placement Training Programme with Aesthetix Edu-Tech, Kochi

Inauguration of AIDA at Decennial Hall

Data Analytics using Tableau — a two-day hands-on workshop

Robotics: Empowering Students with AI-Driven Hardware Innovations

Industrial visits to Goa, Noida and Kochi

Placements, achievements, result toppers and faculty development

THE SEMESTER IN NUMBERS

18 students placed across eight companies this semester.

03 industrial visits — Panaji, Noida and Kalamassery.

06 days of placement training with an external partner.

12 students of S4 AD completed NPTEL courses, 7 with Elite scores.

DEPARTMENT HIGHLIGHTS

Placement Training Programme

A six-day placement training programme ran from 20 to 25 January 2025 at the AD Department, in collaboration with **Aesthetix Edu-Tech, Kochi**. Sessions ran daily from 9 a.m. to 4 p.m. and were built around employability skills rather than subject revision.



The placement training programme — January 2025.

Inauguration of AIDA

The department inaugurated its association, **AIDA**, on **31 January 2025** at the Decennial Hall, opening a new platform for innovation, collaboration and student-led skill development.

Data Analytics using Tableau

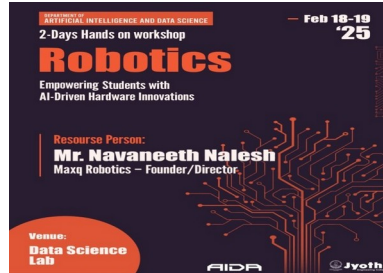
A two-day hands-on workshop on **Data Analytics using Tableau** was held on **12 and 13 February 2025** at the Computer Centre. Led by **Ms. Kavya N Lal** of **IPCS Global**, it covered data-visualisation technique and the practical use of Tableau in analysis and interpretation.



Data Analytics using Tableau — February 2025.

Robotics: AI-Driven Hardware Innovations

A two-day workshop on **Robotics: Empowering Students with AI-Driven Hardware Innovations** ran on **18 and 19 February 2025** at the Data Science Lab, led by **Mr. Navaneeth Nalesh**, Founder and Director of **Maxq Robotics**, with hands-on training in robotics and AI-powered hardware.



The two-day robotics workshop — February 2025.

Industrial visits

From **5 to 9 February 2025**, S6 students visited the **Tonca Sewage Treatment Plant** at Patto Centre, Panaji, Goa, coordinated and accompanied by **Mr. Shine P. Xavier**. From **21 to 28 February**, thirty-eight S8 students visited **Christie Engineering Company, Noida**, with **Mr. Jayakrishnan A**, **Ms. Parvathy Jyothi** and two parents, exploring AI-driven CNC machining in modern manufacturing.

On **27 February 2025**, fifty-three S4 students visited **Tinkerspace, Kalamassery, Kochi**, with **Mrs. Anjali O** and **Mr. Jithin K. C.**, gaining hands-on insight into product prototyping and collaborative technical environments.



The S8 industrial visit to Christie Engineering Company, Noida.

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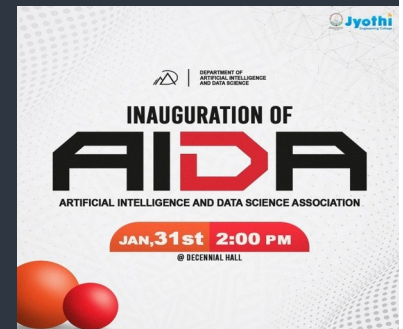
ACADEMIC YEAR 2024 - 2025

RESOURCE PERSONS

Ms. Kavya N Lal — **IPCS Global**. Data Analytics using Tableau.

Mr. Navaneeth Nalesh — Founder and Director, **Maxq Robotics**. AI-driven robotics.

Aesthetix Edu-Tech, Kochi — six-day placement training programme.



FACULTY DEVELOPMENT

MATLAB FDP — *Exploring AI Applications through MATLAB: From Image Processing to Generative AI*, 19-23 May 2025. All faculty of the department participated.

STTP on Natural Language Processing — 9-13 June 2025, with the **ICT Academy of Kerala**.

PLACEMENTS, ACHIEVEMENTS & RESULTS

Placements

- **Movate Technologies Pvt. Ltd.** — Bhagyalakshmi Saburaj, Gopika P. S., Muhammed Musthafa, Jeslin Leela, Reshma K. R., Hridya Girish.
- **Cognizant** — Ivine P. Sabu, Aiswarya A. K., Gouri K. P.
- **EY Global Delivery Services** — Aiswarya K. G., Annliya P. Shajan, Hameem Abdul Nassir, John Davis, Miriam Moncy Thomas.
- **6D Technologies** — Nandana Anand, Naveen Wilson. Nandana Anand was also placed at **Federal Bank**.
- **Technologies Global, Sutherland and LTIMindtree** — Shane Sunny.
- **ESAF** — Annliya P. Shajan. **Vienna IT Networks LLC** — Judin Johnson.

Student Achievements

- **Ms. Dhiya Devassy (S6 AD)** — first place, Paper Presentation Competition, Thejus Engineering College, 28 February 2025.
- **Mr. Yasin Muhammed P. M. (S4 AD)** — gold medal, Senior Kick Light (under 76 kg), UIC National Kickboxing Championship 2025.
- **Al Amthan R. M. (S6 AD)** — qualified for the South-West Zone Inter-University Karate Competition and represented APJAKTU at the All India Inter-University Karate Competition 2024-25, Rohtak.
- **Ms. Aquamol Tony** — first runner-up, Miss Kerala Bold and Beautiful 2024. **Muhammed Naizan P. S., Leo Antony and Lloyd Sebastian** — third prize, Karthavya Hackathon. **Sneha Paul (2022-2026 AD)** — Event Planning Lead, IEEE CS SYP HIZE.

University Result Toppers

Semester	Toppers
S3	Rosmila K T (9.64) · Keerthi K (9.18) · Aishwarya Dinesh (8.91)
S5	Krishnendu U N (8.65) · Sneha Paul (8.57) · Liya M (8.48)
S6	Aparna Joseph (9.60) · Bhagyalakshmi S (9.3) · Gopika P S (9.2)

NPTEL performance

Twelve students of **S4 AD** successfully completed NPTEL courses, **seven** of them securing Elite scores.

Faculty development

- **Ms. Anjali O, Mr. Bineesh M, Mr. Jayakrishnan A, Ms. Nikhitha N, Ms. Parvathy Jyothi and Mr. Shine P Xavier** completed the ATAL FDP on *Advanced Techniques in AI and Machine Learning*.
- **Ms. Divya Konikkara** completed the ATAL FDP on *Strategic Approaches and Emerging Trends in Data Science* at FISAT, 10-15 February 2025.
- All faculty participated in the five-day MATLAB FDP, 19-23 May 2025, and in the NLP STTP with the ICT Academy of Kerala, 9-13 June 2025.

EDITORIAL BOARD

Staff Editor: Ms. Nikhitha N, Assistant Professor

Student Editor: Sneha Paul

Department of Artificial Intelligence and Data Science

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ACADEMIC YEAR 2024 - 2025

PLACEMENTS THIS SEMESTER

Movate · Cognizant · EY Global Delivery Services · 6D Technologies · Federal Bank · Technologies Global · Sutherland · LTIMindtree · ESAF · Vienna IT Networks LLC

RESULT TOPPERS

S3 — Rosmila K T (9.64)

S5 — Krishnendu U N (8.65)

S6 — Aparna Joseph (9.60)



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