

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.

IN THIS ISSUE

Inauguration of AIDA — 15 February 2024
Tink-Her-Hack 2.0 — 2–3 March 2024
Coding Saksham — 23–24 March 2024

Neophyte, a 24-hour hackathon — 6–7 April 2024

Student achievements at SRISHTI, Yukthi and Hackbells

Placements, result toppers and faculty news

A Note from the HoD...

Welcome to **Issue 04** of the Artificial Intelligence and Data Science Department Newsletter. One sentence describes this semester better than any other: the students ran it.

Within eight weeks the department hosted **Tink-Her-Hack 2.0**, Kerala's largest women's hackathon; **Coding Saksham**, where students built and launched web applications under mentors from Amazon, Samsung and Microsoft; and **Neophyte**, a twenty-four-hour hackathon with TinkerHub JEC. Each was organised through **AIDA**, inaugurated in February, and each required a kind of work — scheduling, sponsorship, logistics, judging — that no syllabus sets out.

The results followed. Our students took prizes at **SRISHTI 2024** and **Yukthi 2024**, competed at the national level in **Hackbells 2.0**, and finished **first** at Tink-Her-Hack 2.0 on their own campus. Four were placed at South Indian Bank and 6D Technologies.

Competitive work of this kind teaches something that classroom assessment cannot: how to finish. My thanks to the faculty who gave their weekends to these events and to the AIDA committee, who did the greater share of the work.

MR. BINEESH M
Head of the Department

Student Spotlight

This was a semester of hackathons. **Neraparambil Sharlet Varkey** and **Reshma K R (S6 AD)** finished **first** at Tink-Her-Hack 2.0; **Hameem Abdul Nassir**, **Naveen Wilson**, **Judin Johnson** and **Mishal Muhammed E P (S6 AD)** represented the department at the national-level **Hackbells 2.0**.

At the project expos, **Sachin Raj M (S6 AD)** received the Project Award at **SRISHTI 2024**; **Nikhitha Joy**, **Agnel Menachery**, **Sreelakshmi** and **Pradul O P (S8 AD)** won prizes at **Yukthi 2024**, where **Sandra M**, **Ebin Zeby** and **Vinaya A (S8 AD)** took third place. **Sreelakshmi** and **Varsha (S8 AD)** attended a workshop on Artificial Intelligence and Python.

Students are asked to send the editorial desk a line and a date whenever something happens — a competition, a certification, an internship, a workshop attended or conducted. Nothing needs polishing; it only needs to be sent.

THE SEMESTER AT A GLANCE

Date	Programme	Venue	Organised with
15 February 2024	Inauguration of AIDA	EAB 415	Dilip K Gopal, COO, Chisquare Labs
2–3 March 2024	Tink-Her-Hack 2.0 — women's hackathon	Jyothi Engineering College	TinkerHub, with AIDA
23–24 March 2024	Coding Saksham	Jyothi Engineering College	TechFusionX and Capabl
6–7 April 2024	Neophyte — 24-hour hackathon	EAB 415	TinkerHub JEC and AIDA

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DEPARTMENT OF ARTIFICIAL
INTELLIGENCE AND DATA SCIENCE

IN THIS ISSUE

Inauguration of AIDA — the students' association launched

Tink-Her-Hack 2.0 — Kerala's largest women's hackathon

Coding Saksham — with TechFusionX and Capabl

Neophyte — a 24-hour hackathon with TinkerHub JEC

Achievements at SRISHTI 2024, Yukthi 2024 and Hackbells 2.0

Placements, result toppers and faculty development

THE SEMESTER IN NUMBERS

04 major student-facing programmes between February and April 2024.

02 hackathons hosted on campus in a single semester.

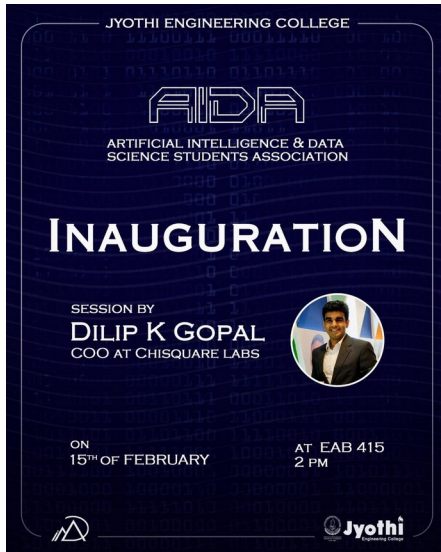
03 industry partners — Amazon, Samsung and Microsoft — mentored at Coding Saksham.

04 students placed at South Indian Bank and 6D Technologies.

DEPARTMENT HIGHLIGHTS

Inauguration of AIDA

The **Artificial Intelligence and Data Science Students Association (AIDA)** was inaugurated on **15 February 2024** at EAB 415 at 2 p.m. The session was led by **Dilip K Gopal**, COO of Chisquare Labs, and the launch gave students a standing platform for AI and data-science initiatives of their own.



The AIDA inauguration poster — 15 February 2024.

Tink-Her-Hack 2.0

Tink-Her-Hack 2.0, organised with the support of AIDA, was conducted at Jyothi Engineering College as **Kerala's largest women's hackathon**. Held on **2 and 3 March 2024** and running from 3 p.m. to 11 a.m., it brought women innovators together for two days of collaborative problem-solving and produced a set of impactful, women-led technical solutions.



Tink-Her-Hack 2.0 — 2-3 March 2024.

Coding Saksham

The department, in association with **TechFusionX** and **Capabl**, conducted the **Coding Saksham** programme on **23 and 24 March 2024**. Students coded, competed and launched web applications with guidance from industry experts drawn from **Amazon**, **Samsung** and **Microsoft** — a level of mentorship rarely available inside a single campus event.



Coding Saksham — 23-24 March 2024.

Neophyte — a 24-hour hackathon

Neophyte, a twenty-four-hour hackathon organised by **TinkerHub JEC** and **AIDA**, ran on **6 and 7 April 2024** at EAB 415. Participants collaborated, coded and built working solutions inside the time limit, and the event gave students a platform on which technical potential had to be demonstrated rather than described.

NEWSLETTER

ACADEMIC YEAR 2023 - 2024

RESOURCE PERSONS AND PARTNERS

Dilip K Gopal — COO, Chisquare Labs. AIDA inauguration.

TinkerHub — Tink-Her-Hack 2.0 and Neophyte.

TechFusionX and **Capabl** — Coding Saksham, with mentors from Amazon, Samsung and Microsoft.



WHY IT MATTERS

Two hackathons and a mentored coding programme in a single semester gave students something a syllabus cannot: a deadline set by someone else, and an audience.

ACHIEVEMENTS, PLACEMENTS & RESULTS

Student Achievements

- **Sachin Raj M (S6 AD)** — Project Award at **SRISHTI 2024** for an innovative project recognised for its creativity and real-world relevance.
- **Neraparambil Sharlet Varkey** and **Reshma K R (S6 AD)** — **first place** at Tink-Her-Hack 2.0, 2024.
- **Hameem Abdul Nassir, Naveen Wilson, Judin Johnson** and **Mishal Muhammed E P (S6 AD)** — participants in the national-level hackathon **Hackbells 2.0**.
- **Sandra M, Ebin Zeby** and **Vinaya A (S8 AD)** — third prize, Project Expo, Yukthi 2024.
- **Nikhitha Joy, Agnel Menachery, Sreelakshmi** and **Pradul O P (S8 AD)** — prizes at the Project Expo, Yukthi 2024.
- **Sreelakshmi** and **Varsha (S8 AD)** — Workshop on Artificial Intelligence and Python.

Placements

Bimal Roy, Josten S. Cheeran and **Sandra M (S8 AD)** were placed at **South Indian Bank**, and **Prathush P (S6 AD)** at **6D Technologies**.

University Result Toppers

Semester	Toppers
S1	Rosemila K T (8.68) · Irene Vincent (8.62) · Nandhana V P (8.47) · Keerthy K (8.47)
S3	Adarsh S (8.68) · Anjana K (8.32) · Prithvishankar Menon (8.14)
S5	Aparna Joseph (8.96) · Nandana Anand (8.65) · Hridya Girish (8.43)
S7	Femi Rosh (9.60) · Chandini T S (9.47) · Arunima Anil (9.37)

Faculty Achievements

- **Parvathy Jyothi, Divya Konikkara** and **Dr. Anoop V** attended the FDP on Outcome Based Education and Essential AI Tools for Teachers, 10–16 January 2024, IQAC, St. Thomas College, Palai.
- **Anjali O** attended two FDPs — *Deep Learning and its Applications* (15–19 January 2024) and the NPTEL-AICTE FDP on *Introduction to Programming in C* (1–3 January 2024).
- **Aparna Raj C T** and **Reni Jose** attended the FDP on *Deep Learning and its Applications*.
- **Ms. Reni Jose** attended an FDP on *Theoretical Foundations and Research Applications in Machine Learning and Deep Learning*, 15 January – 17 February 2024, Vidya Academy of Science and Technology.
- **Jayakrishnan A** attended an FDP on *Generative AI with Hands-On Training Using Python*, 29 January – 3 February 2024, Mar Baselios College of Engineering and Technology.
- **Dr. Anoop V** attended the STTP *Workshop on Deep Learning*, SIAS Research Forum, Calicut University.

EDITORIAL BOARD

Staff Editor: Mr. Jayakrishnan A, Assistant Professor

Student Editor: Naveen Wilson

Department of Artificial Intelligence and Data Science

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ACADEMIC YEAR 2023 – 2024

PLACEMENTS

South Indian Bank — Bimal Roy, Josten S. Cheeran, Sandra M (S8 AD)

6D Technologies — Prathush P (S6 AD)

RESULT TOPPERS

S1 — Rosemila K T (8.68)

S3 — Adarsh S (8.68)

S5 — Aparna Joseph (8.96)

S7 — Femi Rosh (9.60)

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