



Jyothi Engineering College

Reaccredited with **N A A C** (Grade A) and **NBA** Programmes*

Approved by AICTE and Affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE AND TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETTIKATTIRI P.O., CHERUTHURUTHY, THRISSUR, 679531 | Ph. +91 4884 259000 | info@jecc.ac.in | www.jecc.ac.in



*NBA reaccredited BTech Programmes in Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering and Mechanical Engineering valid till 2025

NEWSLETTER

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

VISION

CREATING ETHICAL LEADERS

THROUGH QUALITY

PROFESSIONAL EDUCATION WITH EMPHASIS ON
HOLISTIC EXCELLENCE

CORE VALUES

FAITH IN GOD AND MAN

LOVE OF FELLOW BEINGS

BELIEF IN UNIVERSAL CITIZENSHIP

MORAL INTEGRITY

SOCIAL COMMITMENT.

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.

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.

EDITORIAL BOARD

STAFF EDITOR: RENI JOSE

STUDENT EDITOR: SNEHA PAUL

DEPT OF ARTIFICIAL INTELLIGENCE AND
DATA SCIENCE

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 endeavors.

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.

A Note from the HoD...

BINEESH M(HoD)



It is with great pleasure that I present **Issue 04** of the AI & DS Department Newsletter. This edition highlights the vibrant learning culture and innovative spirit that continue to shape our department's growth in the rapidly evolving tech landscape.

This issue showcases key initiatives that encourage hands-on learning and student leadership. The inauguration of AIDA, our students' association, marked a major milestone and motivated learners to actively engage in AI and Data Science activities. Tink-Her-Hack 2.0, Kerala's largest women's hackathon, showcased impactful women-led tech solutions and boosted participation in competitive innovation. Coding Saksham enabled students to enhance coding and web-development skills with mentorship from industry professionals. Neophyte, a 24-hour hackathon, further strengthened collaborative problem-solving and creativity.

These programs reflect our commitment to empowering students through practical exposure, industry interaction, and a culture of continuous learning. Together, let us move forward with enthusiasm and shape a future driven by innovation and excellence.

Student Spotlight

NAVEEN WILSON(STUDENT EDITOR)



It is with great pride that I present **Issue 04** of the AI & DS Department Newsletter, showcasing our department's continued progress in innovation, skill development, and collaborative learning.

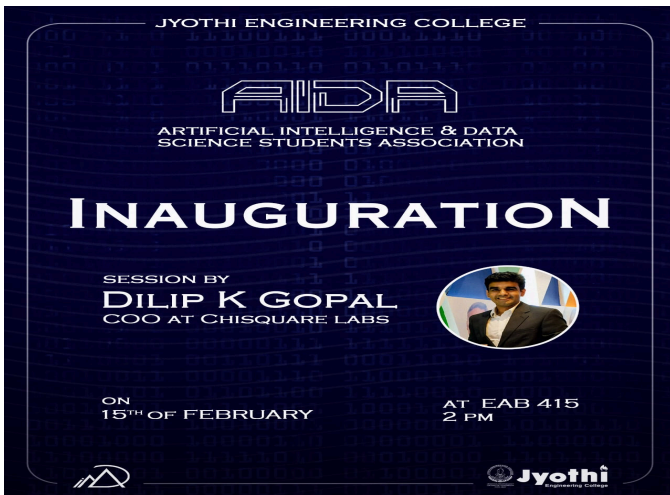
This edition highlights major initiatives such as the inauguration of AIDA, Kerala's largest women's hackathon **Tink-Her-Hack 2.0**, Coding Saksham with industry experts from leading tech companies, and the 24-hour hackathon **Neophyte**, all of which strengthened hands-on learning and student engagement in emerging technologies.

Our students have also made us proud with remarkable achievements in competitions including **SRISHTI 2024**, **Yukthi 2024**, and **Hackbells 2.0**, along with top positions in Tink-Her-Hack 2.0. Additionally, successful placements at South Indian Bank and 6D Technologies mark important milestones for our department.

These accomplishments reflect the passion and dedication of our students toward growth and excellence. Let us continue striving toward new opportunities and innovations in the domain of Artificial Intelligence and Data Science.

DEPARTMENT HIGHLIGHTS

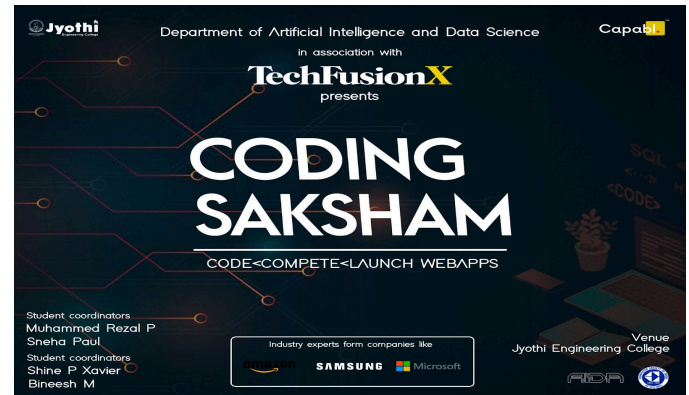
The AIDA – Artificial Intelligence & Data Science Students Association – was inaugurated at Jyothi Engineering College on 2024 February 15. The session was led by Dilip K Gopal, COO of Chisquare Labs, who shared valuable insights with the students. Held at EAB 415 at 2 PM, the event marked the official launch of AIDA and inspired students to engage deeply in AI and data science initiatives.



Tink-Her-Hack 2.0, organised with the support of AIDA, was conducted at Jyothi Engineering College as Kerala's largest women's hackathon. The event brought together women innovators for two days of collaborative problem-solving, creativity, and technical excellence. Held on 2024 March 2,3, it ran from 3 PM to 11 AM and successfully showcased impactful, women-led tech solutions.



The Department of Artificial Intelligence and Data Science, in association with TechFusionX and Capabl, conducted the Coding Saksham program on the 23rd and 24th of March 2024 at Jyothi Engineering College. The event enabled students to code, compete, and launch web applications with guidance from industry experts from Amazon, Samsung, and Microsoft.



Neophyte, a 24-hour hackathon organized by TinkerHub JEC and AIDA, was conducted on April 6th and 7th, 2024 at EAB 415. The event brought together enthusiastic participants who collaborated, coded, and built innovative solutions within the intensive time frame. The hackathon successfully fostered creativity and hands-on learning, giving students a platform to showcase their technical potential.



STUDENT ACHIEVEMENTS

Sachin Raj M of S6 AD received the Project Award at SRISHTI 2024 for his innovative project, recognized for its creativity and real-world relevance. His achievement brought pride to the department, showcasing the talent and dedication of our students.



Hameem Abdul Nassir, Naveen Wilson, Judin Johnson, and Mishal Muhammed E P from S6 AD participated in the national-level hackathon "Hackbells 2.0," showcasing their coding skills alongside innovators from across the country and highlighting the department's active involvement in national technical competitions.



Neraparambil Sharlet Varkey and Reshma K R from S6 AD achieved first place in Tink-Her-Hack 2.0, 2024, showcasing exceptional innovation and teamwork that earned them top recognition in Kerala's largest women's hackathon.



Sandra M, Ebin Zeby, and Vinaya A of S8 AD achieved third prize in the Project Expo, Yukthi 2024, showcasing

their innovation, technical skill, and dedication through outstanding project presentations.



Nikhitha Joy, Agnel Menachery, Sreelakshmi and Pradul O P from S8 AD achieved prizes in the Project Expo, Yukthi 2024, for their innovative and well-presented projects, while Pradul of S8 AD was also awarded a prize, highlighting the exceptional creativity and technical skill of the students.



Sreelakshmi and Varsha of S8 AD participated in the Workshop on Artificial Intelligence and Python, where they gained hands-on experience in AI concepts and strengthened their coding skills through practical sessions.



PLACEMENT

Bimal Roy (S8 AD), Josten S. Cheeran (S8 AD), and Sandra M (S8 AD) have been successfully placed at South Indian Bank.



Prathush P of S6 AD has been placed at 6D Technologies, marking a proud moment for the department.



UNIVERSITY RESULT TOPPERS

In S1 university exams, AD toppers are Rosemila K T (8.68), Irene Vincent (8.62), Nandhana V P (8.47), Keerthy K (8.47).



In S3 university exams, AD toppers are Adarsh s(8.68), Anjana K(8.32), Prathvshankar Menon(8.14).



In S5 university exams, AD toppers are Aparna Joseph(8.96), Nandana Anand(8.65), Hridya Girish(8.43).



In S7 university exams, AD toppers are Femi Rosh(9.60), Chandini T S(9.47), Arunima anil(9.37).



FACULTY ACHIEVEMENTS

- Parvati Jyothi, Divya Konikara, and Dr. Anoop V attended the Faculty Development Program on “Outcome Based Education and Essential AI Tools for Teachers,” held from January 10 to 16, 2024, organized by the Internal Quality Assurance Cell (IQAC) of St. Thomas College, Palai.
- Anjali O attended two FDPs, including “Deep Learning and its Applications” (Jan 15–19, 2024) at Govt. Engineering College Sreekrishnapuram and the “NPTEL AICTE FDP on Introduction to Programming in C” (Jan 1–3, 2024). Aparna Raj C.T and Reni Jose also attended the FDP on “Deep Learning and its Applications,” reflecting the faculty’s commitment to continuous upskilling.
- Ms. Reni Jose attended an FDP on “Theoretical Foundations and Research Applications in Machine Learning and Deep Learning” from January 15 to February 17, 2024, at Vidya Academy of Science and Technology. Jayakrishnan A attended an FDP on “Generative AI with Hands-On Training Using Python” from January 29 to February 3, 2024, at Mar Baselios College of Engineering and Technology.
- Dr. Anoop V attended the STTP “Workshop on Deep Learning” held from November 3 to 22, 2024, organized by the SIAS Research Forum, Calicut University, Kerala.