VOLUME 4 – ISSUE 1

PANIMALAR
ENGINEERING COLLEGE

An Autonomous Institution - (JAISAKTHI EDUCATIONAL TRUST)

Affiliated to Anna University, Chennai
Approved by AICTE,UGC FOR 2(f) &12(B) STATUS
ACCREDITED BY NATIONAL BOARD OF ACCREDITATION (NBA)



CAMPUS CONNECTOR



2026 - 2027

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

NEWS LETTER

ABOUT

The department of artificial intelligence and data science showcases its commitment to excellence through faculty up skilling, student achievements, impactful research, industry collaborations, and outreach initiatives aligned with emerging technologies and global sustainable development goals.

SUSTAINABLE DEVELOPMENT GOALS

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Volume 4 **Issue 1** **Oct 2026**

EDITOR'S NOTE

Dear Readers,

We are pleased to present the newsletter of the Department of Artificial Intelligence and Data Science, Panimalar Engineering College. This newsletter highlights the important events, achievements, and milestones of our students and faculty during the semester. We sincerely thank Dr. S. Malathi, Head of the Department, for her constant support, encouragement, and guidance.

INSTITUTE VISION

To transform the budding engineers into academically excellent, highly intellectual and self-disciplined engineering graduates to mould them as good citizens with the spirit of integrity and morality that would cater to the needs of our nation.

INSTITUTE MISSION

- To impart quality education with high standards of excellence in engineering and technology.
- To provide an excellent infrastructure in a serene and conducive atmosphere that would motivate the students in their pursuit of knowledge in the field of engineering and technology.

CONTENTS

1. **Vision, Mission, PEOs, PSOs AND POs**
2. **Academic Highlights**
3. **Notable Outcomes**
4. **Global opportunities and academic achievements**
5. **Industry exposure and learning**
6. **Placement, higher studies and internships**
7. **Events conducted**
8. **Academic toppers**
9. **Shining beyond classroom**
10. **Student Excellence**
11. **IEEE activities and events**
12. **Club activities & forthcoming events**

DEPARTMENT VISION

To produce high quality creators and ethical engineers for innovative technology in the field of Artificial Intelligence and Data Science.

DEPARTMENT MISSION

M1: To develop the department as a center of Artificial Intelligence for significant breakthroughs in advancing the promise of human-machine systems that can address complex cognitive tasks.

M2: To impart quality and value-based education and contribute towards the innovation of computing Data Science for the translation of data into information to support and improve decision making.

M3: To produce ethical engineers and researchers by inculcate the values of humanity and courage in producing relevant solutions to address business and societal challenges.

PROGRAMME EDUCATIONAL OBJECTIVES(PEOs)

PEO 1:Mastering AI and Data Science for Human Machine Synergy

To enrich knowledge to the engineering students with cutting-edge technologies like Artificial Intelligence and Data science and enable them to develop innovative solutions to solve complex problems in various sectors and to enhance the synergy between humans and intelligent systems for optimal performance.

PEO 2: Fostering Interdisciplinary Research Innovation and Ethics

To engage the students in advanced research with special focus on AI and cultivate a deep knowledge of ethical frameworks that will contribute to the development of fair and accountable systems that prioritize societal well-being.

PEO 3: Pathways to Professional Excellence

To enable the students to secure successful careers through strong technical expertise and skill sets and drive them to pursue lifelong learning with integrity- driven mindset and become successful entrepreneurs.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO 1 : AI Driven Innovation

Graduates should be able to evolve AI based efficient domain specific processes for effective decision making in several domains such as business and governance domains.

PSO 2 : Data-Driven Decision Making Insight

Graduates should be able to arrive at actionable fore sight, insight, hind sight from data for solving business and engineering problems.

PSO 3 : Societal Intelligence Solutions

Graduates should be able to 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.

Programme Outcomes(POs)

PO1: Engineering Knowledge

Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering problems.

PO2: Problem Analysis

Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development. (WK1 to WK4)

PO3: Design/Development of Solutions

Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5)

PO4: Conduct Investigations of Complex Problems

Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions. (WK8).

PO5: Engineering Tool Usage

Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 and WK6)

PO6: 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. (WK1, WK5 and WK7).

PO7: Ethics

Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. (WK9).

PO8: Individual and Collaborative Team Work

Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.

PO9: 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.

PO10: 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.

PO11: Life-Long Learning

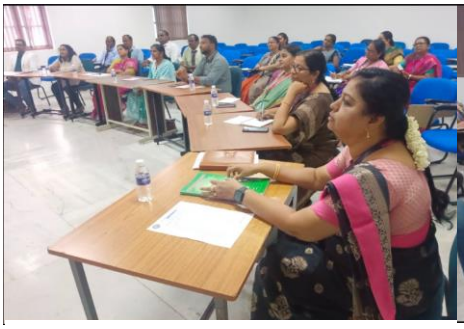
Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change. (WK8).

EDITORIAL BOARD

Chief Editor: **Dr. S. MALATHI**

Faculty Editor: **Dr.S.SRINIDHI**

… ACADEMIC HIGHLIGHTS…




The Department conducted a Stakeholders Meeting with internal and external stakeholders to gather valuable feedback on academics, curriculum, industry requirements, and emerging trends. The discussions provided useful insights to enhance the quality of education and better align the curriculum with current industry



A 6-Day Faculty Development Programme (FDP) on "Future Ready: AI Skills for Educators and Researchers" was organized to enhance the knowledge and skills of faculty members in emerging AI technologies.




The IEEE SSIT Student Branch Chapter at Panimalar Engineering College, alongside IEEE Madras Young Professionals, successfully conducted "Humanity by Design: Ethical AI for Inclusive Smart Communities". Sponsored by the IEEE SSIT Member-Driven Education Initiative (MDEI), the program focused on leveraging ethical AI frameworks for human-centric technology.



Prof. Dr. K. Jayasree conducted a meeting with the faculty members regarding the publication status of faculty members and students. The progress of ongoing and submitted research publications was reviewed and discussed.

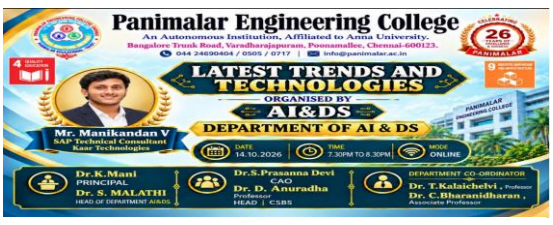


An insightful webinar showcased how BIRAC supports biotech ideas from early stages to market launch. As a government initiative, it helps startups and businesses create affordable products in healthcare, agriculture, and clean energy. BIRAC plays a crucial role in transforming research into market-ready technologies.




Farman Batcha, an alumnus of our department, addressed the students on placement opportunities and placement preparation.

"From Campus to Corporate: Career Readiness Workshop" was successfully organized with guest speaker Y. Gokul an alumni of our department. The session offered students practical guidance on building essential professional skills and preparing for industry expectations.



Mr. Manikandan V, SAP Technical Consultant at Kaar Technologies, an alumnus of our department delivered key insights on modern SAP ecosystem trends and real-world industrial practices.

...NOTABLE OUTCOMES...

…FACULTY RESEARCH AND UPSKILLING…

- *Research publications included 4 SCI/Scopus-indexed papers and 1 published journal paper.*
- *Awarded Ph.D. degrees to 3 scholars, with 18 pursuing doctoral research.*
- *Around 80 faculty registered for NPTEL examinations in October 2026.*
- *50 faculty members completed NASSCOM certifications.*
- *10 faculties have completed CII/HP certification.*

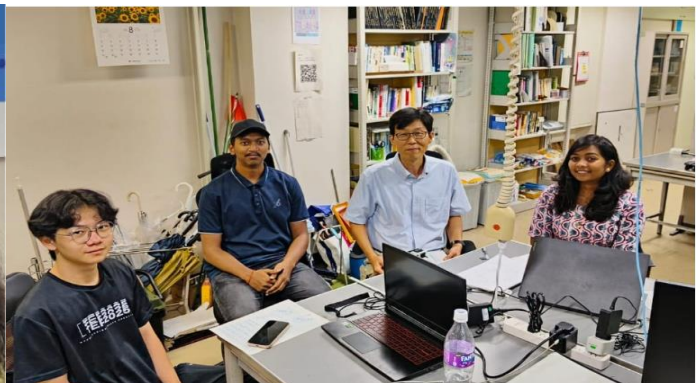
…Ph.D. ACHIEVERS...



Prof. Vijaya Mahendra Varman successfully completed his Ph.D. in July 2026, marking a significant academic achievement.

…GLOBAL OPPORTUNITIES AND ACADEMIC ACHIEVEMENTS…





Ms. Ashika D. and Ms. Ashin Lathika E. J. are pursuing research internships at Ehime University, Japan, under the guidance of Prof. Takahiro Tsubota and Prof. Lee, respectively. Their research focuses on Traffic Engineering and Robotics and Intelligent Systems, providing valuable international research exposure and opportunities for innovation and global collaboration.



Dharshini S, Divya Lakshmi S, Eliza Adeline S, Rakshini H, Arivu Selvan M, and Jamal Mohammed R have successfully completed CTS CARE Internship at Cognizant Technology Solutions (CTS).



Yuvan Shankar G, Final Yr. student, has been selected for the Indian Army Internship Program (IAIP) 2026–27 to work on AI-driven automation.



Deepika R. and Sanjay K. have secured admission to the University of Bristol, UK, ranked 57th globally, with guidance from the Panimalar Global Education Cell. We wish them continued success in their global academic journey.



Congratulations to Mr. Sriram S, Final Year student, for successfully clearing the Japanese-Language Proficiency Test (JLPT) N3 with an outstanding score of 171/180.

Smart Transit: *Developed by Manikandan G., Manojkumar N., Kamalesh G., Keerthivasan V., Karthick K., Vidhya Shree M., Ramya S., and Sancta Fannie S., of IV Yr., this smart mobility platform enables real-time bus tracking, route management, and instant alerts for safer and punctual campus transportation.*

...INDUSTRY EXPOSURE AND LEARNING…



Empowering our students with global tech skills, a group of 18 second and third-year students traveled to Kuala Lumpur, Malaysia, to complete an intensive Cybersecurity Certification Course powered by Cybertronium. We applaud their dedication to gaining advanced industry knowledge across borders!



Students visited Softlogic Systems and the Wipro Infrastructure Engineering campus, gaining valuable industry exposure and insights into real-world technologies, industrial operations, and workplace practices.

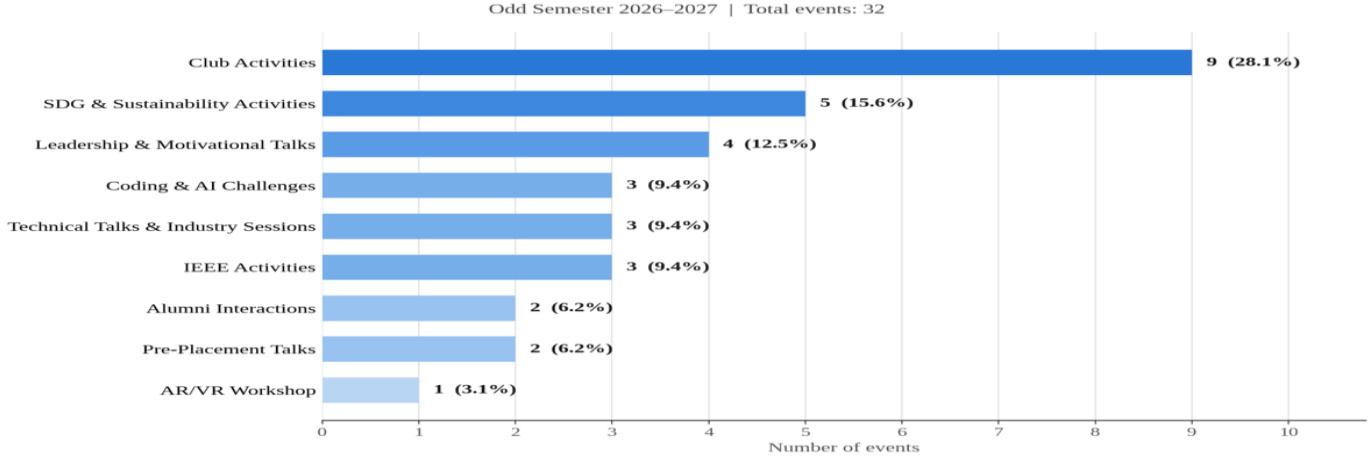
... PLACEMENT & HIGHER EDUCATION HIGHLIGHTS...

Our students secured 63 placement offers across leading organizations, including HCL, Hexaware, Capgemini, CTS, Blue Bridge Technologies, Infosys, Blackstraw Technologies and Visai Lab. D.J.Subhasri achieved an impressive package of ₹6.75 LPA at Infosys. 48 students have opted for higher

…SUMMER INTERNSHIP HIGHLIGHTS…

A total of 360 second-year and 315 third-year students have completed their summer internships, while 134 second-year and 129 third-year students are currently undergoing internships. Additionally, 25 fourth-year students have undertaken internships.

... EVENTS CONDUCTED ...



ACADEMIC TOPPERS:

II Yr / IV Sem

Sl. No.	REGISTER NUMBER	NAME	GPA	RANK
1	2114242430221	KUNGUMAYEE M	9.478	I
2	2114242430380	SANDHIYA S	9.435	II
3	2114242430453	THEJAS KRISHNA M	9.304	III

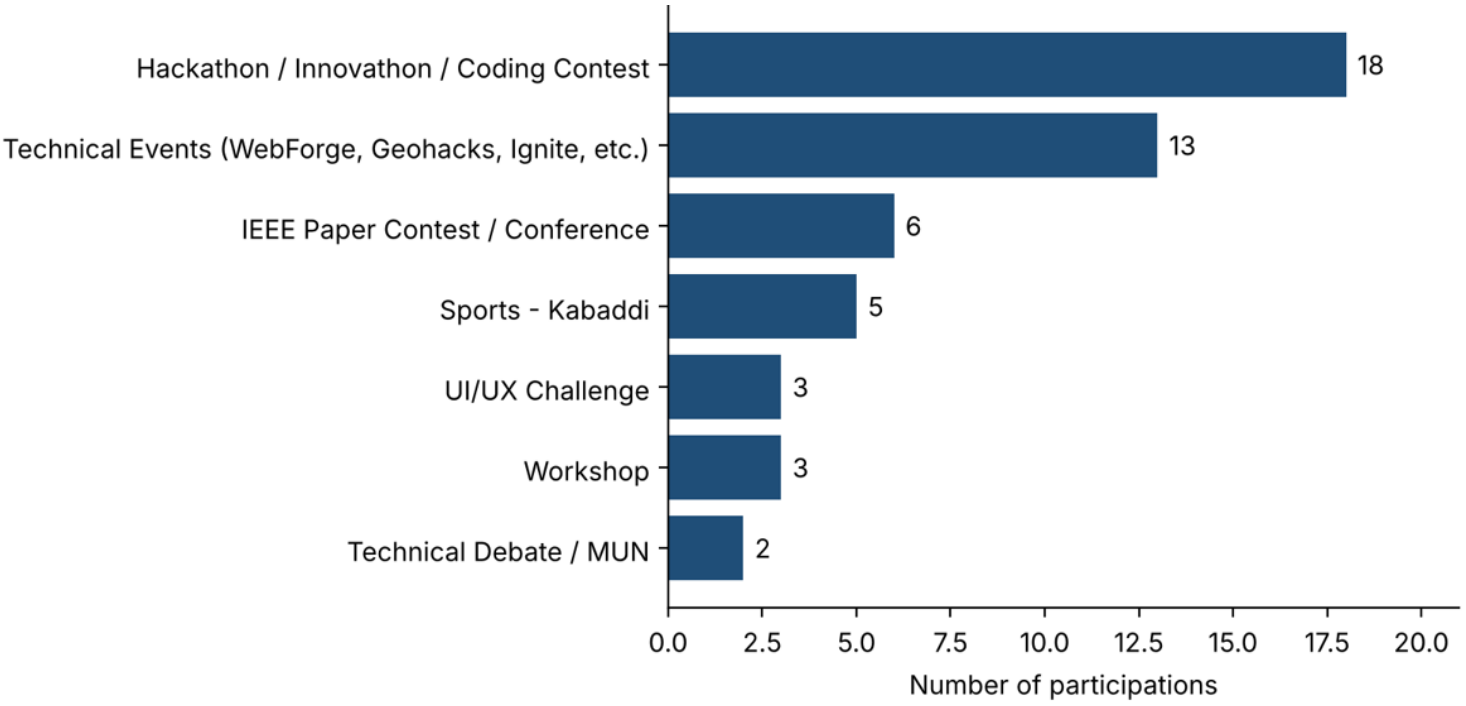
III Yr / VI Sem

Sl. No.	REGISTER NUMBER	NAME	GPA	RANK
1	211423243297	NANCY ANGEL J	9.826	I
2	211423243502	YUVABHARATHI V	9.609	II
3	211423243068	BOOMIGA V	9.565	III

IV Yr / VII Sem

Sl. No.	REGISTER NUMBER	NAME	GPA	RANK
1	211422243123	JENNATHUL ZULFIYA B	9.786	I
2	211422243158	KIMAXY M	9.786	II
3	211422243036	ATHIKESHAN V	9.571	III

... SHINING BEYOND CLASSROOM ...



Industry Certifications and Skill Development:

A total of 660 students completed CII and HP certification, 350 completed NASSCOM certifications, and 337 completed SWAYAM Plus certifications. Additionally, 1,200 students registered for NPTEL courses to enhance their technical skills and industry readiness.



Aarthi N. of III-Yr. secured Second Place in the technical event at IGNITEX'26, held at Sathyabama Institute of Science and Technology, Sriperumbudur Campus, on 9th and 10th September 2026, winning a cash prize of ₹2,000.



Kheerthana G. of III Year received an Honourable Mention at HITSMUN 2026, held from 4th to 6th September 2026 at Hindusthan Institute of Technology.



Team FluxNext, comprising Kumaran M., Mohamed Mahir M., Naveen R., and Naveenkumar S. of III Year AI & DS, secured Second Place in the 24-hour AI IGNITE Hackathon at Sathyabama University, winning a cash prize of ₹15,000.



Securing First Prize, Jayaprakash V, Johnathan J Y and Yashwanth D of II Yr. won ₹2,000 in the Prompt Engineering Competition for AI Agents held on 1st August 2026 at Rajalakshmi Institute of Technology.



Vidhya Shree M of final year successfully reached the Final Round of IEEE SmartAIthon 2026, organized by the IEEE KCE SB CIS Chapter under the IEEE Smart Cities Ambassador Program, held from 25th June to 25th August 2026.



Sivakumar S and Manikandan of III Year secured First Prize in WEBSITICA at Inventé'26, held on 25th and 26th September 2026 at SSN College of Engineering and Shiv Nadar University, winning a cash prize of ₹4,000.



The team Cyber Dawn, comprising Arjith A, Allen Josh A, Akash R, and Abishek G of III Year secured Second Runner-Up in the Cybersecurity domain at the National-Level Hackathon Void Hacks 8.0 – ABHEDYA, held at Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore, Madhya Pradesh, winning a cash prize of ₹20,000.



Naresh Kumar R and Mohanasundaram A of II Yr. secured 3rd Place and a cash prize of ₹5,000 in Ideathon 6.0! organized by Department of Networking & Communications, SRM University on February 26, 2025.





V. Vijay Rohit, of II Yr. , received certificates of achievement and excellence for his outstanding performance in technical events at HITSMUN'26 and Tech Fiesta 2026.



Congratulations to Geattam Dhanush (Elite + Top 2% Topper, 84% score) and Kalaimurugan S (Elite + Top 2% Topper, 86% score) of III Yr. for successfully completing the NPTEL online certification course in Python for Data Science.

...IEEE ACTIVITIES AND EVENTS…



IEEE Day was celebrated at Hotel Park Elanza, Nungambakkam. Ms. Thanushree, III Yr. represented the IEEE Student Branch and presented its activities and initiatives, highlighting the various events and achievements of the branch.





Organised by IEEE CS and IEEE WIE (Madras Section), IEEE Day 2026 was grandly celebrated at Panimalar Engineering College. Students actively participated in project demonstrations, collaborative workshops, and community impact activities.



The IEEE Student Branch secured First Prize in the Student Branch Presentation at Connecting the Dots 5.0, held at KPR Institute of Engineering and Technology, Coimbatore, for showcasing its activities and Women in Engineering (WIE) initiatives. This marks the fifth consecutive year of securing first prize for Panimalar Group of Institutions.



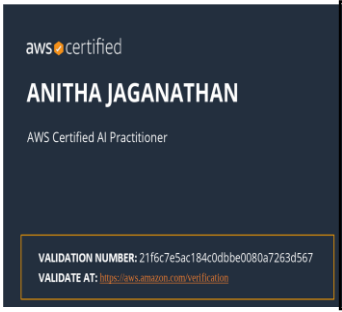


The Student Transition & Elevation Program featured sessions on career development, professional networking, civil services, and GATE preparation, empowering students with valuable insights, essential skills, and guidance to explore diverse career opportunities and confidently shape their professional futures.





The SDG Cell, in collaboration with the IEEE Student Branch, IEEE Computer Society, and IIC, organized SDG Week Celebration from September 21 to 25, 2026, featuring coding activities, SDG awareness initiatives and skill based activity like Trash to Treasure.



Prof. J. Anitha successfully completed the AWS Certified AI Practitioner certification, demonstrating her expertise in Artificial Intelligence and commitment to continuous professional development.

Forthcoming events

- IEEE Xtreme 20.0 – Oct'2026
- Data Xscape – Jan'2027
- TechDivathon 3.0 – Feb'2027
- ICONIC international conference – Mar'2027
- Women's Day celebration – Mar'2027

…CLUB ACTIVITIES…



Aura Club organized a Short Film Competition and a Tamil Pattimandram, encouraging students to showcase their creativity, communication skills, and appreciation for Tamil language, culture, and heritage.





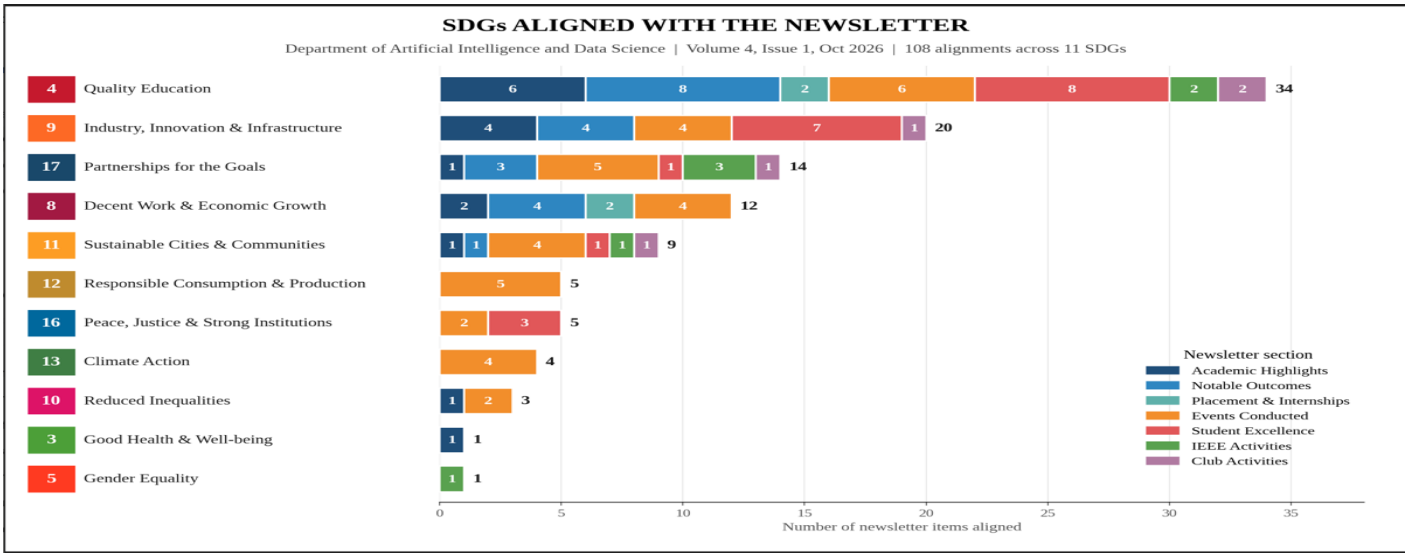
The Data Science Club organized Plotly Party and Defense Room to enhance students' data visualization, logical reasoning, problem-solving, and strategic thinking skills through engaging activities.



The AI Club organized Pixel Forge: AI Prompt Challenge on 7 August 2026 to commemorate Hiroshima Day. Participants used AI tools to create artwork inspired by humanity, harmony, and technology, envisioning a future where technology fosters hope and a better world.



The Indian Knowledge System Club organized Chakra View with AI, conducted by Prof. Dr. Shaji, offering an AI-based perspective on the Ramayana and exploring the connection between traditional Indian knowledge and modern technology.



Stay tuned for more updates in our forthcoming edition – Prof.Dr.S.Malathi, Prof.Dr.S.Srinidhi