



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



2025 - 2026

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



IEEE



IEEE
COMPUTER
SOCIETY



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)

ABOUT

The department of artificial 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 3

Issue 2

May 2026

EDITOR'S NOTE

Dear Readers,

With great pleasure, we present this newsletter from the Department of Artificial Intelligence and Data Science, Panimalar Engineering College. It highlights the semester's key milestones and the achievements of our students and faculty. We gratefully acknowledge Dr. S. Malathi, Head of the Department, for her continued support 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.

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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:****Mrs.S.SRINIDHI****Student Representatives:****SURENDHAR R A(III-D), ANANDHA KUMAR R K (III-H),
YOGESH M P(III-D)**

... ACADEMIC HIGHLIGHTS...



AR/VR Club organized IDEAVERSE to introduce students to AR, VR, and XR technologies while enhancing practical skills and exposure to immersive innovations.



The SDG Club promoted sustainability through initiatives such as seed ball distribution, jute file bag usage, and waste segregation, encouraging environmental awareness among students.



TechDivathon 2.0, a 24-hour women-centric national-level hackathon was conducted for promoting innovation and real-world problem-solving through emerging technologies.



Data Science Club organized Data Xscape 2K26, a 24-hour national-level data science hackathon featuring real-world datasets, conducted in virtual and offline modes to provide hands-on experience and industry exposure.



The Data Science Club organized a two-day Data Analytics workshop featuring hands-on training in data analysis, visualization, and basic machine learning with an engaging team mini-project presentation.



A Five-Day FDP on “iOS & Swift Hands-On Training Program” was conducted (17–21 Nov 2025) with hands-on iOS app development using Swift, led by Mr. Nallaperumal T (Hexaware Technologies) and Mr. Abdul Jaafar (iOS Engineer, Muvi).

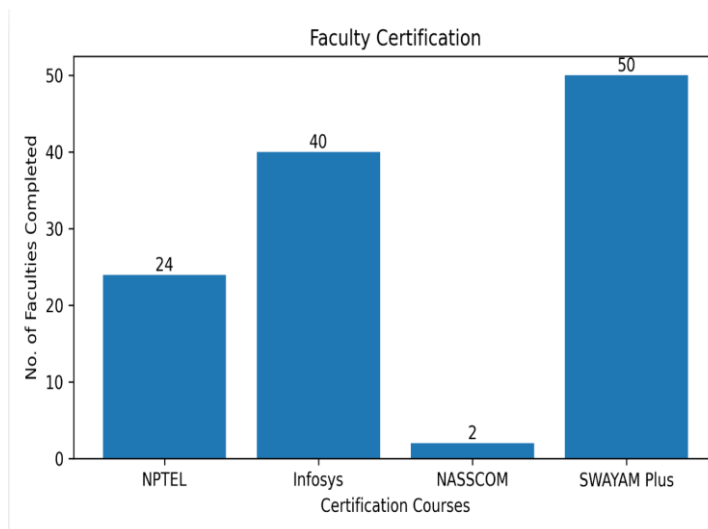
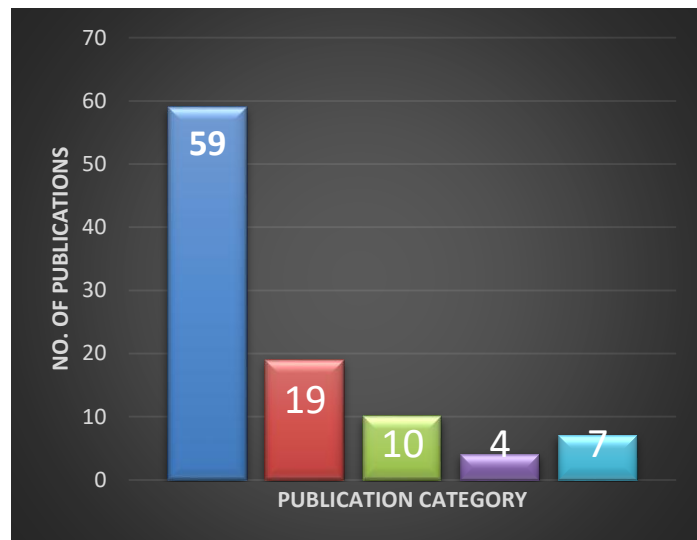
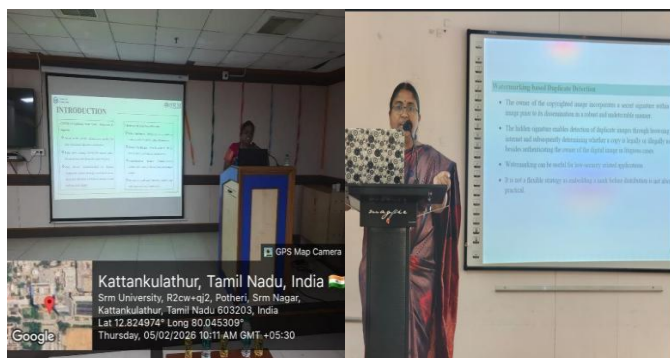


HCL Technologies and Capgemini established a Centre of Excellence under the AI&DS department to provide industry-oriented training for students across all departments enhancing industry readiness and technical skills.



The 5-Day FDP on “Industry-Aligned Skills for Future-Ready Teaching,” organized by IETE Madras Section and IQAC, Panimalar Engineering College, offered valuable insights into industry-focused teaching and skill enhancement.

Final-year students have actively contributed to research by publishing their work in 6 indexed journals and conference proceedings. Several students have also presented and submitted research papers at international conferences and reputed journals, reflecting their strong research aptitude and academic excellence.

...NOTABLE OUTCOMES...**...FACULTY PUBLICATIONS...****...Ph.D. ACHIEVERS...**

Prof. Dr. V. Rathina Priya and Prof. Dr. S. Srinidhi successfully completed their Ph.D. degrees on 5th February 2026 and 29th April 2026 respectively, marking a significant academic milestone.

...FACULTY AWARDS AND RECOGNITIONS...

Dr. K. Jayashree received the prestigious “*Expert in Data Analytics*” award at the *Kalam Sakthi Awards 2026* for her outstanding contributions and dedication in the field of Data Analytics.

Dr. V. Rathinapriya received the “Bics Global – Stellar Excellence Award” under the category of “Potential Partners in Future.”



Mrs. J. Anitha, Assistant Professor – AI & DS, Panimalar Engineering College, received the Education Excellence Award from Future Tech Corporate Solutions and Thozhil, and the Industry Mentorship Excellence Award at the OneYes Startup Fest for her outstanding contribution to education and student mentorship.



Dr. S. Malathi was awarded the prestigious Best Student Branch Counsellor Award by the IEEE Madras Section 2025 in recognition of her outstanding dedication to student branch activities, with Dr. S. Leelavathi receiving the honor on her behalf.

... FACULTY AWARDS & RECOGNITIONS...



Dr. S. Malathi, Dr. S. Leelavathy, Dr. A. Joshi, Dr. S. Chakravarthi, and Dr. K. Jayasree were honored at the Sci-Edu Awards 2026, celebrating excellence in science and education. Their contributions in advancing Artificial Intelligence and Data Science were proudly recognized by ARPR Events in association with *Voice of the People* (Makkalkural).

... PLACEMENT HIGHLIGHTS...



Companies Placed



Afifa Fathima, III Yr., has secured placement at Blackstraw Technologies with a package of 6 LPA, becoming the first student from her batch to achieve this milestone. Her accomplishment brings immense pride to the Department.

Out of 372 students, 244 placement offers were secured with 202 single offers, while 535 internships were achieved. Additionally, 27 students opted for higher studies and 2 became entrepreneurs. The highest package offered was 7.5 LPA by Capgemini, with major recruiters including Hexaware, Cognizant, Infosys, LTIMindtree, HCL, Deloitte, Kaar Technologies, Blackstraw Technologies, Avasoft, and Pelatro.

ACADEMIC TOPPERS:

II Yr / III Sem

S.No	Register Number	Name	GPA	RANK
1	2114242430292	NARMADHA LAKSHMI S	9.455	I
2	2114242430348	RAJESH A	9.455	II
3	2114242430357	RASIKA S	9.455	III

III Yr / V Sem

S.No	Register Number	Name	GPA	RANK
1	211423243339	PREETHI M	9.583	I
2	211423243297	NANCY ANGEL J	9.417	II
3	211423243267	MAHAVISHNU G	9.375	III

IV Yr / VII Sem

S.No	Register Number	Name	GPA	RANK
1	211422243327	SWETHA B	9.700	I
2	211422243123	JENNATHUL ZULFIYA B	9.550	II
3	211422243349	VARSHA	9.500	III

...REMARKABLE ACHIEVEMENTS...



Harini S, II Year AI & DS - A, secured a Virtual Internship at Bits N' Bytes Cybersecurity Education Corp. (BNBCE), a USA-based organization focused on Cybersecurity, Privacy, and AI. The 1-month internship involved collaborative project work with an assigned Program Advisor, earning a stipend of ₹10,000 along with an official Certificate of Completion upon successful completion.



The SDG Club of the AI & DS Department, in collaboration with Himmel Exim India Pvt Ltd(Loopy), placed an E-waste Dustbin in the department premises on March 16, 2026, to promote responsible e-waste disposal and support environmental sustainability by reducing pollution.



Saravanan P., Hariharan K., Gautham Kumar U., and Sriram K. successfully completed a 3-month Full Stack Development internship in association with the SDG Club for developing a scrap detection and agent notification system for Loopy with a stipend of 7000 rupees. These students built real-time datasets for DataXScape, refreshed every 4 hours, along with a monitoring website covering datasets, leaderboard, and registration. They also developed an Attendance Management System website for Convocation 2K26, showcasing strong technical and coordination skills.



M. Vidhyashree and team are developing a live college bus navigation website and a visitor-assistance robot for campus guidance. She has participated in various national-level hackathons conducted outside the college and earned several awards and cash prizes. She is recognized during our department Achiever's day celebration.

- Tanvi R won prizes in various national-level hackathons conducted outside the college, and won several cash prizes. She is recognized during the department Achiever's day celebration.
- Santhosh D, Ruthran V, and Rithan N developed an application for Stanley Medical College and, through referral, created another application for Smilestones Child Development, receiving ₹15,000 as payment for their work.



G. Manikandan of II Year secured recognition in multiple national-level technical symposiums, innovation contests, and hackathons, while also developing several projects and websites through freelancing initiatives.



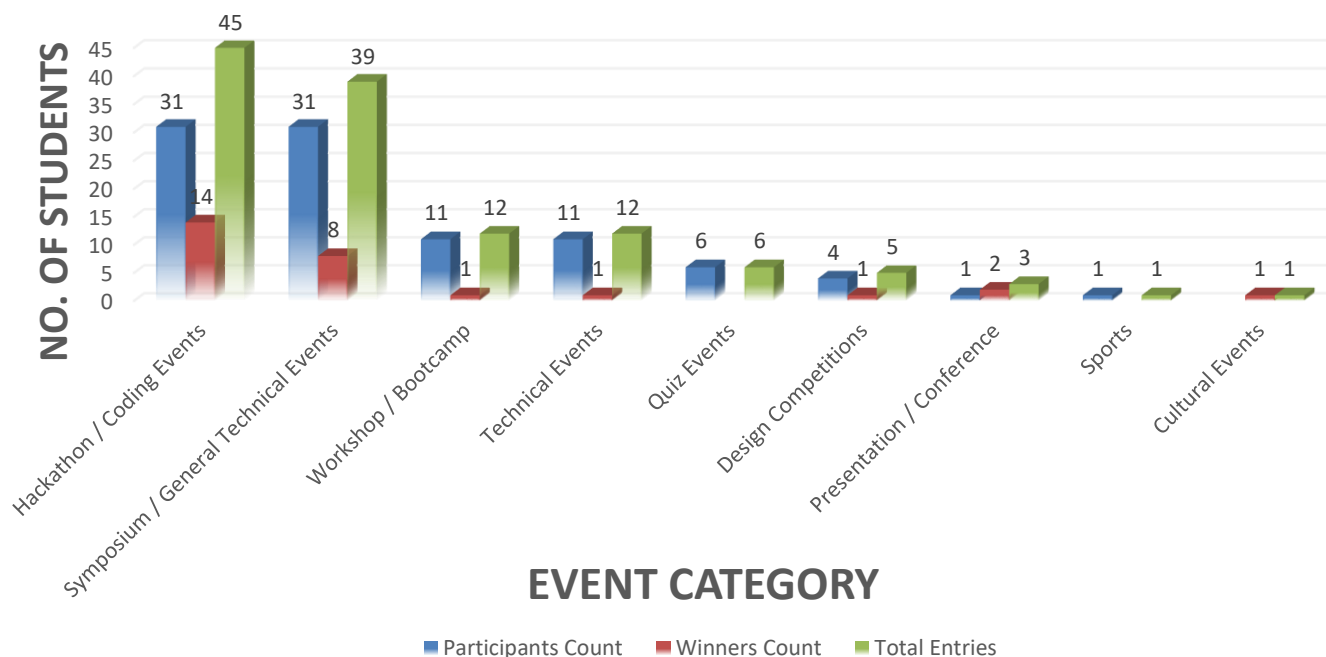
E. Lokeshwaran of II Yr., is developing a placement portal for the college and successfully created websites for various clients through freelance projects, earning remuneration for the services rendered.



Abishai Singh J, Balaji V, Ashwanth Raj I, and Antlin Gnana Lazurus G successfully participated in a five-day Drone Technology bootcamp held at Saveetha Engineering College, Chennai. The program was jointly organized by IIITDM Kurnool and Saveetha Engineering College under MeitY's project on Unmanned Aircraft Systems.

... EVENTS SPOTLIGHT ...
... SHINING BEYOND CLASSROOM ...

STUDENT PARTICIPATION BEYOND CAMPUS



... EVENTS CONDUCTED ...

S. No.	Event Name	Date
1	Five Days FDP on iOS & Swift Hands-On Training Program	17–21 November 2025
2	Upskilling Youth from Scheduled Tribe Communities	15–20 December 2025
3	DataXscape 2K26[Technical Hackathon]	21 & 22 January 2026
4	TechDivathon 2.0[Women-centric hackathon]	20 & 21 February 2026
5	ICONIC 2K26– International Conference	27 & 28 March 2026
6	Achiever's Day	08-Apr-26

...NPTEL ACHIEVERS...

Name	Course	Score	 NPTEL ONLINE CERTIFICATION <i>(Priority Award: Best of class)</i> This certificate is awarded to Dr.V.Rathinapriya for successfully completing the course Introduction to Industry 4.0 and Industrial Internet of Things with a cumulative score of 97 % Online Assignments 2020 Proctored Exam 81.87% Total number of candidates certified in this course: 20834 Awarded: April 2026 (12 week course)  Indian Institute of Technology Kharagpur
Harshitha P	Programming in Java	90%	
Darshini Siva Sri M S	Programming in Java	99%	
Jyotsna S	Fundamentals of Object-Oriented Programming	94%	
Aruna S	Programming in Java	99%	
Meenakshi A S	Python for Data Science	83%	
Jayavaishnavi A	Programming in Java	91%	
Narmadha Lakshmi S	The Joy of Computing using Python	91%	
Aathi Sudhan A	Python for Data Science	90%	 Dr.V.Rathinapriya , Completed the NPTEL course <i>Education for Sustainable Development</i> with an Elite certification, securing 87%.

... STUDENT EXCELLENCE ...



Rithan N, Ruthran R, Santhosh D, and Preveen Shankar RS of III Year – E Section, AI&DS Department secured 1st Place in a Hackathon hosted by Meenakshi College of Engineering. They won a ₹10,000 cash prize, bringing pride to our department.

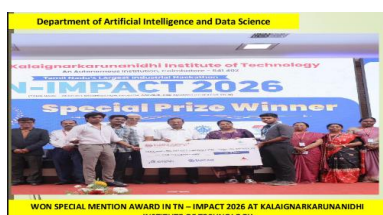
Sharanraj. T, Santhosh D, Rithan N, Ruthran-secured 1st place in 24hr Industry Innovation Hackathon'26 @ Sathyabama Institute of Science and Technology



Vijaya Krishnan N.A. and Tamilarasan S (III D, AI&DS Department) won First Prize in the Prompt Pixel event with a ₹1500 reward and also secured Second Prize in the Digital Detective.



- Sweetie Vincent and Swapna R V (III Year) won **2nd Place** in *Cooking Without Fire* at FESTEVE'26, Women's Christian College.
- Antony Amala Trinita (III Year) achieved **2nd Place** in *Standup Comedy* at FESTEVE'26.
- Harini (II Year, A Section) was selected for a **virtual internship** with **Bits n Bytes, USA**, earning a stipend of **₹10,000**.
- in Japanese N4 Certification; Lily Candace Y (IV Year) scored **109/180** in N4; Prassana S (II Year) scored **89/180** in N5.
- P. Saravanan (III AI&DS-E), Gautham Kumar U (II AI&DS-E), Hari Haran K (II AI&DS-E), and Sirram K (AI&DS-H) won **1st Prize** with a **₹1000 cash award** in the *UI/UX Design Event* at DOM-INANCE, RMK Engineering College.
- Antony Amala Trinita J also secured **2nd Prize** in *Stand-Up Comedy* at DOM-INANCE.
- Ramya S, Praveensankar R S, and Rithan N won **1st Prize** in *Hackathon* at DOM-INANCE.
- Gethu Shivani T S achieved **2nd Prize** in *Hackathon* at DOM-INANCE.



Abeshek Sriram N, Abishek Rangaraj M, Arivu Selvan M of III Yr. won the Special Mention Award in the IMPACT 2K26 event held at Kalaigarkarananidhi Institute of Technology.

Harivishnu K C, Jaya Krishna M and Farih MD, III Yr. secured 1st place under the domain Automation & smart cities in hackathon conducted by S.A Engineering College.



Kavikaran K, Jaya Krishna M, Farih M D, Hari Vishnu K C, III Year AI&DS – Won First Prize (Cash Award ₹10,000) in the 24-Hours National Level Hackathon at Prathyusha Engineering College.

Kalaimagal S, Kalpana Reddy D, Jayashri S, III Year, won Third Prize (Cash Award ₹4000) in the Hackathonix'26 at KCG College of Technology.



Sharwangi M PGS, III Year AI&DS – Won First Prize in the TECHBLAZE -2K26 technical event at SRM Institute of Science and Technology.

Abeshek Sriram N, Abishek Rangaraj M, Arivu Selvan M, Aathisudhan A III Year AI&DS – Won Second Prize (Cash Award ₹3000) in the DEV ARENA Hackathon 2026 at SRM Easwari Engineering College.

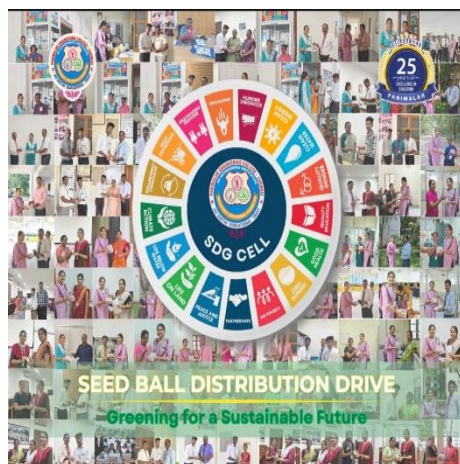


Ashwanth Raj I, III Year AI&DS – Won Third Prize (Cash Award ₹5000) in the Project Expo – Tech Innova 2026 at Indra Ganesan College of Engineering

Saravanan P., Hariharan K., Gautham Kumar U., and Sirram K. secured the First Prize in the “DOM-INANCE” event conducted at RMK Engineering College.

Ashwanth Raj I of the Department of Artificial Intelligence and Data Science secured the Third Prize in the International Hackathon conducted at Arunai Engineering College.

...CLUB ACTIVITIES...



During the DataXScape Hackathon, the SDG Club also organized a seed ball distribution drive for both students and staff. These seed balls, capable of growing into trees, were provided to encourage individuals to actively participate in afforestation efforts. This initiative not only promoted environmental awareness to contribute directly in improving green cover and ecological balance.



The SDG Club promoted sustainability during the DataXScape Hackathon by distributing eco-friendly jute bags instead of plastic files. This initiative encouraged students to adopt biodegradable alternatives and practice environmentally responsible habits.

...DEPARTMENT ACHIEVER'S DAY...



Department Achiever's Day on 08.04.2026 to honor students for their excellence in academics, innovation, sports, outreach, and overall achievements. Various awards including the Dr. APJ Abdul Kalam Award, Academic Excellence Award, Sports Excellence Award, and Aces All Day Award were presented to deserving students.

... IKS CLUB OUTREACH ...



The Indian Knowledge System (IKS) Club organized a Yoga and Wellness Session on 13th March 2026. Mr. Suresh Srinivasan, Social Activist and Mental Health Counsellor, conducted the session, emphasizing yoga, mental well-being, and India's traditional knowledge systems.

...ICONIC 2K26 INTERNATIONAL CONFERENCE...

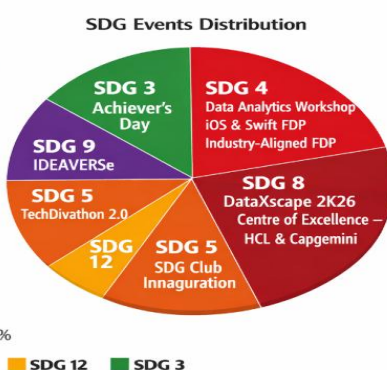
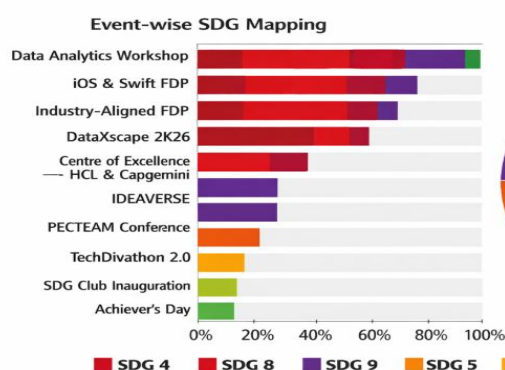


ICONIC International Conference 2k26 was held on 27th and 28th March 2026 featuring paper presentations and a project expo with active participation from students, researchers, and academicians. The event provided a platform to showcase innovative ideas and research contributions.

Upcoming Events:

- 6 Days Faculty Development Programme on Future Ready ios App Development for Educators and Researchers – June 2026
- IEEE Xtreme 20.0 2K26 Competition – October 2026

...SDGs ALIGNED WITH EVENTS...



Thank you for joining us in this edition. We look forward to sharing more updates in the forthcoming release.

- **Prof.Dr.S.Malathi, Prof.Dr.S.Srinidhi**