



SAI RAM ENGINEERING COLLEGE

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi
Accredited by **NBA** and **NAAC "A+"** | **IS/ISO 21001 : 2018 (EOMS)** Certified by BIS and **NIRF** ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairam.edu.in



DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE ENGINEERING

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Vision and Mission of College

Vision

To emerge as a “Centre for excellence” offering Technical Education and Research Opportunities of very high standards to students, develop the total personality of the individual, and in still high levels of discipline and strive to set global standards, making our students technologically superior and ethically strong, who in turn shall contribute to the advancement of society and humankind.

Mission

We dedicate and commit ourselves to achieve, sustain and foster unmatched excellence in Technical Education. To this end, we will pursue continuous development of infrastructure and enhance state-of-the-art equipment to provide our students a technologically up-to-date and intellectually inspiring environment of learning, research, creativity, innovation and professional activity and inculcate in them ethical and moral values.

Educational Organization Management System (EOMS) Policy

We at Sri Sai Ram Engineering College are committed to empower our students not only to excel academically but also imbibe essential values, enabling them to become exemplary global citizens. We build a better nation by fostering excellence and innovative practices in Engineering, Technology and Management Education. We are dedicated to consistently enhancing our systems, infrastructure and services to meet the needs and expectations of all our stakeholders for sustainable growth.





Vision and Mission of Department

Vision

To emerge as a “Centre of Excellence in the field of Artificial Intelligence and Data Science”, The Department is committed to inculcate discipline, offering best Technical Education and Research Opportunities and ethically strong to meet the global challenges, who in turn shall contribute to the advancement and welfare of the society.

Mission

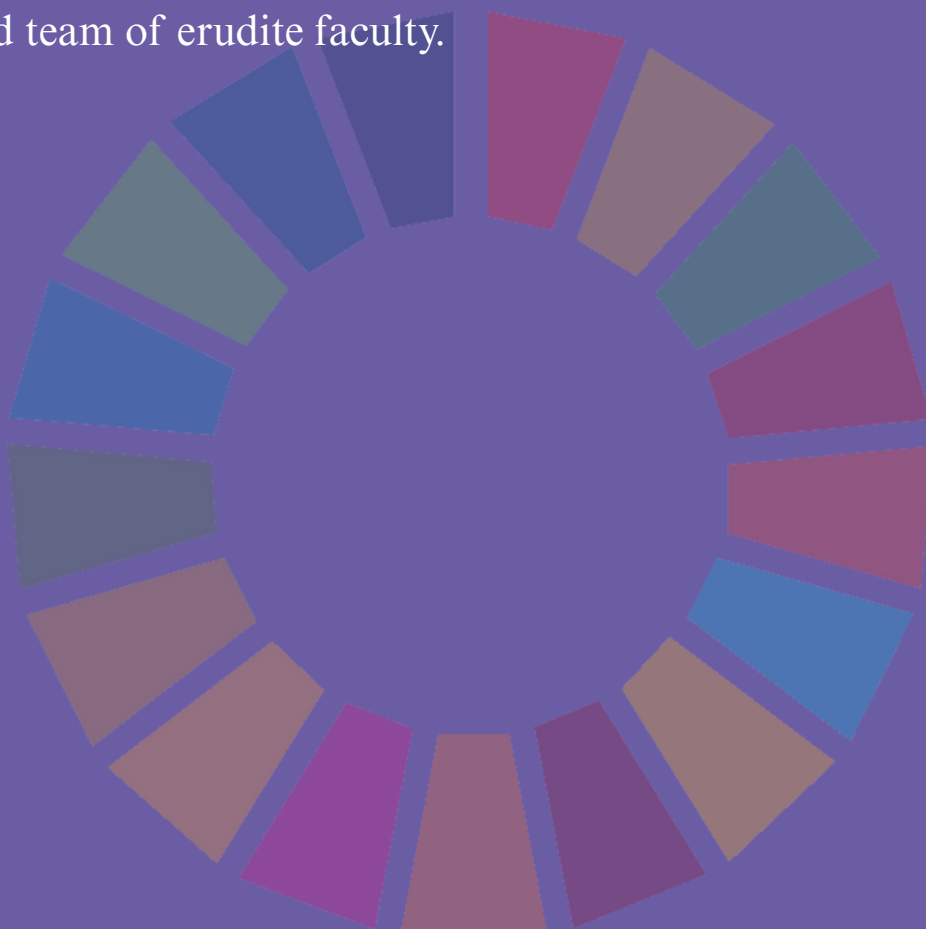
- To produce students with a sound understanding of the fundamentals of the theory and practice of Artificial Intelligence, Machine learning and Data Science.
- To enable students to become leaders in the Industry and Academia Nationally as well as internationally.
- To meet the pressing demands of the nation in the areas of Artificial Intelligence and Data Science.





Epitome of Our Mission

The Department of Artificial Intelligence and Data Science emerged in the year 2020 in Sairam Institutions with the intake of exiguous students. It has now evolved quintessentially with an admirable admission of about 60 aspiring students in 2020, 120 in 2021, 180 in 2022 and gradually increasing each year, joining in the hands with a dedicated team of erudite faculty.





Student Achievement Spotlight: Mr. Nishanth J

Mr. Nishanth J successfully secured the Second Prize at NEXAURA'25, a National Level Technical Symposium organized by the Department of Artificial Intelligence and Data Science, New Prince Shri Bhavani College of Engineering and Technology, Chennai.



The Debugging event at NEXAURA'25 tested participants on their analytical thinking, attention to detail, and ability to identify and resolve complex coding errors under time constraints. Mr. Nishanth J demonstrated remarkable technical proficiency and composure throughout the competition, reflecting his strong academic foundation and continuous efforts to enhance his technical skills beyond the classroom.

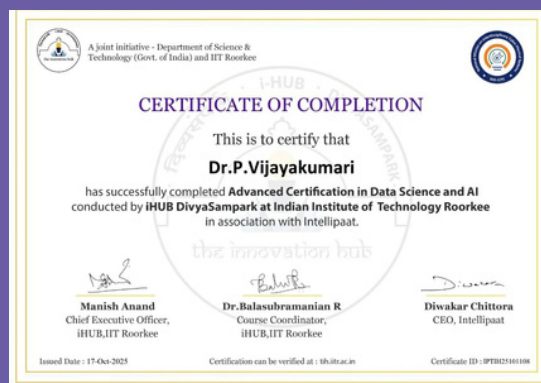
His success serves as an inspiration to fellow students, encouraging them to actively participate in technical symposia, competitions, and hands-on learning opportunities that sharpen real-world problem-solving skills.

We wholeheartedly congratulate Mr. Nishanth J on this well-deserved accomplishment. His achievement reinforces our institution's commitment to nurturing skilled, confident, and industry-ready professionals. We wish him continued success in his academic journey and look forward to seeing him achieve many more milestones in the future.



Faculty Achievement Spotlight: Dr. P. Vijayakumari

Dr. P. Vijayakumari has successfully completed the Advanced Certification in Data Science and Artificial Intelligence, conducted by iHUB DivyaSampark at the Indian Institute of Technology (IIT) Roorkee, in association with Intellipaath.



Throughout the program, she demonstrated exceptional perseverance and intellectual curiosity, mastering advanced concepts such as machine learning, deep learning, data analytics, and AI-driven decision-making frameworks. Her dedication towards enhancing her expertise serves as an inspiration to both colleagues and students.

This achievement is not just a personal milestone but also a significant contribution to our department's growth. With her enhanced knowledge and technical proficiency, Dr. Vijayakumari is well-poised to integrate cutting-edge methodologies into teaching, research, and departmental initiatives. Her accomplishment reinforces our department's vision of fostering continuous professional development and creating a culture of academic excellence.

We wholeheartedly congratulate Dr. P. Vijayakumari for this outstanding achievement. Her continuous pursuit of knowledge and commitment to excellence set a shining example for the entire academic community. We look forward to seeing her apply these advanced skills to mentor students, strengthen research activities, and contribute meaningfully to the department's future endeavors.





Department of AI & DS Leadership Engagement: Dr. Swagata Sarkar Meets EDII Director

The Department of Artificial Intelligence and Data Science takes pride in highlighting a significant leadership interaction involving Dr. Swagata Sarkar, Head of the Department, Her meeting with the Director of the Entrepreneurship Development Institute of India (EDII) reflects the department's proactive approach toward innovation-driven academic growth and institutional collaboration.



This engagement underscores the department's commitment to integrating entrepreneurial thinking with technical education, encouraging students to move beyond conventional learning and explore innovation, startups, and real-world problem-solving. Such high-level interactions play a vital role in aligning academic curricula with national innovation and entrepreneurship missions, thereby enhancing the employability and leadership potential of graduates.

The Department of AI & DS views this meeting as a meaningful step toward building strong partnerships with premier institutions like EDII. Under the leadership of Dr. Swagata Sarkar, the department continues to actively pursue opportunities that promote innovation, collaboration, and holistic development, reinforcing its vision of nurturing future-ready professionals and technology-driven leaders.



Student Achievement Spotlight: Mr. Solaiganesh S

Mr. Solaiganesh S was awarded the Winner Fourth MTS Nanda Student Innovation Award, organized by the Marine Technology Society (MTS) India Section, in recognition of his exceptional innovation, creativity, and excellence in the field of marine technology and sustainable engineering.



This achievement highlights Mr. Solaiganesh S's ability to apply engineering principles to real-world challenges, particularly in domains that emphasize sustainability and advanced marine technologies. His innovative work demonstrated originality, technical depth, and practical relevance, earning appreciation from the esteemed panel of experts and organizers. Competing at a national-level platform, he showcased not only technical competence but also confidence, problem-solving skills, and a strong research-oriented approach.

The accomplishment stands as a testament to the Department of ECE's commitment to fostering innovation, encouraging interdisciplinary thinking, and supporting students in pursuing excellence beyond the classroom. Achievements such as this inspire fellow students to actively engage in research, innovation challenges, and professional society activities that enhance their academic and professional growth.



National Recognition Spotlight: Oscar Book of Records Honor for Bharatanatyam Performance Promoting UN SDG 3



We are proud to share that Ms. Arundhathi H, a student of AI & DS received a prestigious recognition from the Oscar Book of Records for her participation in a large-scale Bharatanatyam performance that set a New World Record. The achievement was formally recognized for the maximum number of participants performing Bharatanatyam continuously for 15 minutes, aimed at promoting United Nations Sustainable Development Goal 3 – Good Health and Well-Being.

The certificate of participation was awarded as part of a grand ceremonial event held in Vellore, Tamil Nadu, and was presented by Thiru. A. Myilvaganan, I.P.S., Vellore. The performance brought together artists from across the region, highlighting the powerful role of Indian classical arts in creating social awareness and promoting holistic well-being.



This recognition underscores Ms. Arundhathi's dedication to cultural excellence and her meaningful contribution to a global cause through artistic expression. The achievement also reflects the values of discipline, perseverance, and social responsibility embodied through classical dance.



We extend our heartfelt congratulations to Ms. Arundhathi H on this remarkable accomplishment and wish her continued success in her artistic and academic endeavors.





EDC Conclave 2025: Fostering Innovation and Entrepreneurship at IIT Madras



The conclave served as a collaborative platform to exchange insights on nurturing entrepreneurial mindsets among students, strengthening institutional incubation support, and bridging academia–industry gaps. Distinguished delegates and representatives from various institutions actively participated in deliberations focused on emerging trends, startup enablement, and capacity building in higher education.

Faculty members and coordinators attending the conclave gained valuable exposure to best practices in entrepreneurship education, innovation management and student-led startup initiatives. The interaction with experts from IIT Madras and partner organizations enriched participants' understanding of scalable innovation models and sustainable entrepreneurial ecosystems.

The EDC Conclave at IIT Madras stands as a significant step toward reinforcing the institution's commitment to promoting entrepreneurship, innovation, and industry collaboration, empowering educators and institutions to inspire the next generation of entrepreneurs.



IIC Regional Meet 2025: Faculty and Students Participate in Innovation Ecosystem Engagement

Faculty members and students actively participated in the Institution's Innovation Council (IIC) Regional Meet – 2025, held on 28 November 2025 at Chennai. The event was organized by the Innovation Cell, All India Council for Technical Education (AICTE) under the Ministry of Education, Government of India, bringing together institutions committed to fostering innovation and entrepreneurship.



The regional meet provided an enriching platform for interaction with innovation leaders, policymakers, and academic peers, focusing on strengthening the innovation and startup ecosystem within higher educational institutions. Participants gained valuable insights into best practices for implementing IIC activities, promoting ideation, and encouraging student-led innovation initiatives.

The presence and participation of faculty coordinators along with student representatives reflect the institution's proactive engagement in national-level innovation programs and its commitment to aligning academic practices with the objectives of the National Innovation and Startup Policy.





Dr. Swagata Sarkar emphasized that such collaborative initiatives bridge the gap between school education and higher technical learning. She encouraged the young participants to continue exploring the world of science and innovation with creativity and passion.



The event successfully promoted experiential learning and inspired students to envision themselves as future technologists and innovators.





Innova TN'25 – Inspiring Young Innovators of Tamil Nadu

Sri Sairam Engineering College, Chennai successfully hosted Innova TN'25, a prestigious state-level school innovation challenge. Held on 8th November 2025, the event celebrated creativity, innovation, and problem-solving among young minds, providing a vibrant platform for school students to showcase their ideas and prototypes.



Sri Sairam Engineering College, Chennai, in association with the Atal Innovation Mission (AIM), NITI Aayog, and Mentor India Academy, successfully hosted Innova TN'25, a prestigious state-level school innovation challenge. Held on 8th November 2025, the event celebrated creativity, innovation, and problem-solving among young minds, providing a vibrant platform for school students to showcase their ideas and prototypes.

The event witnessed participation from over 450 school teams across Tamil Nadu, out of which 252 teams were shortlisted for the grand finale. Students from Atal Tinkering Lab (ATL)-enabled schools presented innovative solutions addressing real-world challenges in domains such as healthcare, environment, agriculture, sustainability, education, safety, and community development. The exhibition reflected the growing culture of experiential and hands-on learning among school students.





Innova TN'25 was guided by eminent dignitaries and experts from AIM, NITI Aayog, and academia, whose interactions and mentorship enriched the learning experience of participants. Dr. Swagata Sarkar emphasized the importance of such collaborative initiatives in bridging the gap between school education and higher technical learning, encouraging students to pursue science and innovation with creativity and passion.

The successful execution of the event was made possible through the dedicated leadership of faculty coordinators, student coordinators, and enthusiastic volunteers, who ensured smooth coordination and a welcoming environment.



More than a competition, Innova TN'25 stood as a celebration of youthful innovation and a significant milestone in nurturing the next generation of technologists, innovators, and problem-solvers.





HCL Foundation and TNSDC Collaboration: Empowering Rural Youth through Skill Development

The collaboration between HCL Foundation and the Tamil Nadu Skill Development Corporation (TNSDC) marks a significant step toward empowering rural youth through focused skill development and employment-oriented training programs.

HCL Foundation and TNSDC announce collaboration to empower rural youth



Announced through a formal Memorandum of Understanding (MoU), this initiative aims to strengthen livelihoods by equipping young individuals with industry-relevant skills aligned with emerging economic needs.

As part of this partnership, specialized training programs are being introduced in selected districts to enhance employability among rural youth. The initiative focuses on developing competencies in technical and digital skill domains, enabling participants to access sustainable employment opportunities and contribute meaningfully to their local economies.

The collaboration also emphasizes structured placement tracking, mentorship, and continuous support to ensure long-term career progression for beneficiaries. With HCL Foundation's commitment to social impact and TNSDC's expertise in skill ecosystem development, the initiative reflects a shared vision of building a future-ready workforce and fostering socio-economic development across rural communities in Tamil Nadu.





IPVS & ICPE 2025: Driving Innovation and Collaboration in Industrial Equipment

IPVS & ICPE 2025 stands as a significant milestone in India's industrial exhibition landscape, bringing together innovation, technology, and collaboration under one comprehensive platform.



Organized at the Chennai Trade Centre, IPVS & ICPE 2025 brought together the Industrial Pumps, Valves & Systems exhibition and the Industrial Chemical Process Equipment expo, creating a strong convergence of industries vital to infrastructure and manufacturing growth.

The event witnessed participation from leading manufacturers and technology providers across sectors such as chemicals, water and wastewater, power, pharmaceuticals, food processing, cement, and oil & gas, showcasing advanced solutions in pumps, valves, heat exchangers, pressure vessels, and fluid handling technologies with a strong focus on efficiency and sustainability.

Serving as a robust B2B networking platform, the exhibition attracted thousands of business visitors, consultants, and decision-makers, enabling knowledge exchange and collaboration. Overall, IPVS & ICPE 2025 reinforced its role as a key driver of innovation, partnerships, and sustainable growth in India's industrial equipment ecosystem.





UBA Volunteers Recognition: AI & DS Students Serving Society with Commitment

The Department of Artificial Intelligence and Data Science proudly recognizes the dedicated efforts of its Unnat Bharat Abhiyan (UBA) volunteers, whose sincere commitment to community development and social responsibility reflects the true spirit of service and leadership.



Through active participation in UBA initiatives, our students have consistently demonstrated empathy, teamwork, and a strong sense of social responsibility. By planning and executing outreach programs focused on rural development, education, sanitation, digital literacy, environmental awareness, and social empowerment, the volunteers applied their technical knowledge to address real-world community challenges and contribute meaningfully to societal development.

Guided by faculty mentors, the students balanced academics with social service, showcasing discipline, dedication, and leadership. The Department of AI & DS commends all UBA volunteers for their selfless service, which reflects a holistic approach to education that blends technical excellence with social consciousness and a commitment to sustainable growth.



Athletics Achievement Spotlight: AI & DS Students Shine at Zonal Championships

The Department of Artificial Intelligence and Data Science proudly celebrates the outstanding athletic achievements of its students at the Athletics Zonal Meet held at Jawaharlal Nehru Stadium, bringing laurels to the department through their dedication and excellence in sports.



Our students showcased outstanding sportsmanship, dedication, and competitive excellence, bringing great pride to the department through their remarkable achievements in track and field events. Their performances reflected rigorous training, teamwork, and a strong competitive spirit across individual and relay events.

Notable achievements include

1. Mr. R. Karthikeyan - Gold Medals in the 4×100 m Relay
2. Mr. Rohith S - Gold in the 4×100 m Relay
3. Mr. Hemanathan R clinching Silver in the 4×400 m Relay
4. Mr. Rhemuraj AM - Gold Medal in Hammer Throw

These achievements stand as a testament to the hard work, discipline, and perseverance of our student athletes. The department applauds their dedication and wishes them continued success, encouraging them to strive for excellence both on the field and in their academic endeavors.



**THANK
YOU**