



ARTIFICIAL INTELLIGENCE AND DATA SCIENCE NEWSLETTER

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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, join in the hands with a dedicated team of erudite faculty.

Insightful Invited Talk on “Designing AICTE IDEA Lab” by Dr. Swagata Sarkar

The Department of Basic Science and Humanities (BSH), in collaboration with the Institution Innovation Council (IIC) and IDEALab of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex, proudly hosted an expert talk on “Designing AICTE IDEA Lab” on May 8th, 2025, at the Dr. C. V. Raman Auditorium (Room I22).



The distinguished speaker for the event was Prof. (Dr.) Swagata Sarkar, Head of the Department of Artificial Intelligence and Data Science at Sri Sairam Engineering College, Chennai. Dr. Sarkar, an eminent academician and AI thought leader, brought her valuable insights and vast experience in setting up innovation ecosystems within academic institutions.

The session began at 2:00 PM with a warm welcome address, followed by an introduction to the goals and vision of the AICTE IDEA Lab initiative. Dr. Sarkar elaborated on the conceptual and infrastructural design aspects crucial for establishing an IDEA Lab, emphasizing the importance of fostering interdisciplinary innovation, hands-on learning, and entrepreneurial thinking among students and faculty.

Her talk provided practical guidance on lab setup, resource planning, project-based pedagogy, and strategies for ensuring sustainability and community engagement. She also shared successful case studies from her own institution, offering actionable takeaways for the attendees.

The event witnessed enthusiastic participation from faculty members, students, and innovation coordinators. The interactive Q\&A session that followed allowed the audience to clarify their doubts, discuss challenges, and exchange ideas for potential collaborations.

Dr. Sarkar's insightful presentation reinforced the pivotal role of IDEA Labs in transforming technical education and nurturing a culture of innovation at the grassroots level.

The organizers thank Dr. Sarkar for her inspiring presence and contribution. The event was a grand success and marks a significant step toward building a robust innovation ecosystem at the institute.

Sairam Students and Faculty Selected as IEEE R10 ACEI Ambassadors

Chennai, June 2025 – In a moment of pride for the Sairam Institutions, six outstanding members — including one faculty and five students — have been selected as IEEE R10 ACEI Entrepreneurship Ambassadors under the prestigious IEEE Region 10 Ad-hoc Committee on Entrepreneurship and Innovation (ACEI).

Out of over 500 nominations received from across the Asia-Pacific region, these representatives were chosen for their demonstrated potential and enthusiasm to ignite and strengthen local innovation ecosystems.

The selected ambassadors from Sairam under the IEEE Madras Section are:

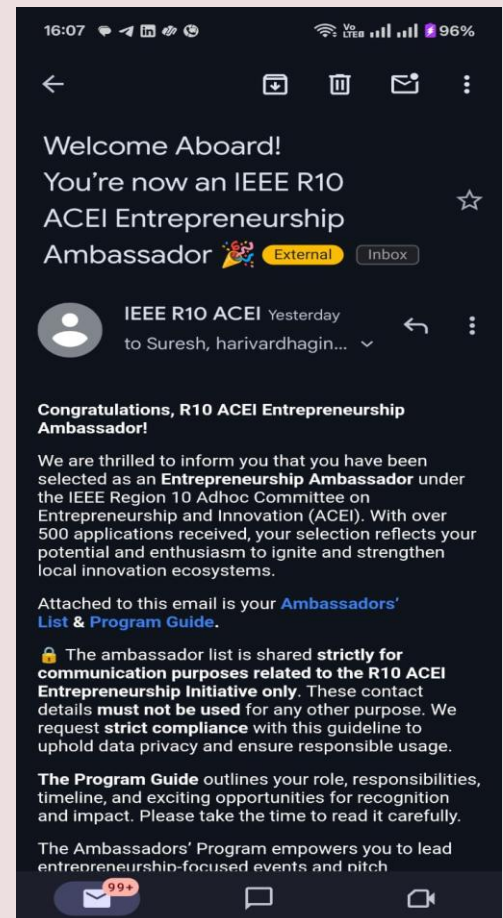
Mr. Mohan Raj, Faculty, Department of EICE

Ram Pavithran, Department of IT, Sri Sairam Engineering College (SEC)

Nataraj EL, Department of AIDS, SEC

Pavithran M, Department of ECE, SEC

Adithya Shyambarish, Department of Mechanical Engineering, SEC



Annapoorni A, Department of CSE, Sri Sairam Institute of Technology (SIT)

These ambassadors will now lead the charge in organizing entrepreneurship-driven events, forming startup-focused local groups, and reporting activities through IEEE's vTools platform. Their efforts aim to nurture entrepreneurial mindsets and contribute to the region's innovation landscape.

"The selection of our students and faculty as ambassadors underlines the commitment of Sairam institutions toward fostering innovation, leadership, and global engagement," said the Rio ACEI 2025 team in their official communication.

The IEEE ACEI Ambassador Program empowers selected individuals to become change agents in their academic ecosystems. Ambassadors play a crucial role in bringing entrepreneurship opportunities closer to students, aligning with IEEE's broader vision for innovation-led growth.

Hearty congratulations to the ambassadors, their respective HODs, and departments on this prestigious achievement.

National-Level Skill Enhancement Program on Quantum Computing Hosted by RMK College of Engineering and Technology

Chennai, May 2025 – RMK College of Engineering and Technology, Puduvoyal, renowned for its excellence in technical education and research, successfully organized a one-week National-Level Skill Enhancement Program on "Quantum Computing: Concepts and Research Avenues" from May 19 to 24, 2025. The program, hosted by the Department of Electronics and Communication Engineering, brought together leading minds in the field to share knowledge, foster collaboration, and inspire innovation among participants.

IMPORTANT DATES
Last Date to Register: 15.05.2025
Date of Intimation: 16.05.2025

Registration Link
<https://forms.gle/JPN7eAxmdVT2Ylhb8>

Registration Fee: NIL
Mode: Online



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ABOUT THE PROGRAM

The Skill Development Program on Quantum Computing offers an exceptional opportunity for researchers, professionals, and enthusiasts to explore the rapidly evolving field of quantum networking. Participants gain invaluable insights into advanced quantum networking technologies and practical approaches to their implementation. They have the opportunity to:

- Network with leading quantum researchers and industry pioneers.
- Understand emerging quantum internet use cases and potential commercial opportunities.
- Access exclusive resources, including white papers and research studies shared during the event.

The seminar is particularly beneficial for students and early-career researchers, as it provides mentorship opportunities and guidance on pursuing advanced studies in quantum computing and related disciplines. It fosters new research ideas and partnerships, laying the foundation for future innovations in quantum networking.

By bridging the gap between theoretical research and practical applications, the seminar inspires participants to contribute to the exciting frontier of the quantum internet. It emphasizes the importance of continued exploration and investment in this groundbreaking domain, which promises to reshape communication, computation, and secure information sharing for decades to come.





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AFFILIATED TO ANNA UNIVERSITY, CHENNAI.
ALL STUDIES PROGRAMS ACCREDITED BY MAAC
INSTITUTION ACCREDITED BY NAAC
K.S.M. NAGAR, PUDUVOLAI, CHANNAYANPATTI TALUK,
TIRUVALLUR DISTRICT-600046.

A One Week National Level Skill Enhancement Program on "Quantum Computing: Concepts and Research Avenues"
19 to 24 May 2025

Organized by Department of Electronics and Communication Engineering

WEBSITE: WWW.RMKCET.AC.IN

With the goal of bridging theoretical foundations and real-world applications, this online seminar provided a platform for students, early-career researchers, and professionals to delve into the rapidly evolving field of quantum networking and computation. The program included sessions on quantum internet use cases, hardware architectures, cybersecurity, machine learning, and optimization.

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Sairam Engineering Faculty Participate in Panchayat Raj and Rural Development Certificate Program

Chengalpattu, May 2025 – The Centre for Panchayat Raj at the State Institute of Rural Development & Panchayat Raj (SIRD & PR), Maraimalai Nagar, successfully conducted a Three-Month Certificate Course on Panchayat Raj Administration and Rural Development – Batch 1 from 12th to 17th May 2025.



The program witnessed active participation from a diverse group of professionals, educators, and development practitioners. Among the distinguished attendees were faculty members from Sri Sairam Engineering College, Chennai, whose presence underscored the institution's commitment to interdisciplinary learning and social development.

This intensive training initiative aimed to equip participants with a comprehensive understanding of Panchayat Raj institutions, decentralized governance, and sustainable rural development. Key sessions covered topics such as administrative functions of Panchayats, policy implementation, community engagement, and rural welfare schemes, enabling participants to contribute meaningfully to the empowerment of rural communities.

The course also fostered dialogue among representatives from academia, government departments, and civil society, encouraging collaborative approaches to grassroots-level planning and development. Faculty from Sri Sairam Engineering College shared valuable insights, bridging the gap between engineering education and societal needs through innovation and technical support in rural development projects.



Held amidst the serene surroundings of SIRD & PR, the program concluded with positive feedback from all participants. The event reinforced the importance of capacity-building programs in fostering capable governance and advancing inclusive rural progress in Tamil Nadu.

Delegates from Leading Universities Visit Sri Sairam Engineering College for Academic Collaboration and Innovation Insights

Chennai, June 20, 2025 — Sri Sairam Engineering College welcomed esteemed delegates from various reputed universities across the country for a special academic exchange and institutional insight visit. The initiative aimed to foster mutual learning, exchange best practices, and explore collaborative opportunities in education, research, and innovation.



The delegation, comprising senior professors, department heads, and academic coordinators, was warmly received by the college management and faculty members. The visitors were given a comprehensive overview of Sri Sairam Engineering College's infrastructure, curriculum innovation, research initiatives, industry partnerships, and student-driven technological projects.

Dr. Swagata Sarkar, Head of the Department of Artificial Intelligence and Data Science, and a key coordinator of the event, emphasized the college's

vision to be a center of excellence in technical education and research. “We are delighted to host such a distinguished group of educators. These interactions are essential for creating a thriving academic ecosystem,” she remarked.

The visit included department tours, discussions on AI and data science advancements, curriculum benchmarking sessions, and a collaborative forum on implementing emerging technologies in engineering education. Delegates appreciated the structured approach the institution takes toward industry integration and innovation.

The delegation was particularly impressed with the college’s emphasis on holistic development, evident through its advanced laboratories, student clubs, and community outreach programs. This visit is expected to pave the way for MoUs in areas such as joint research, faculty exchange, and student internships.

Such academic exchanges reflect Sri Sairam Engineering College’s commitment to academic excellence and its proactive role in shaping the future of technical education in India.

Sairam Engineering College Student Selected to Represent India at Global SDG Forum in the USA

Chennai, June 2025 – In a proud moment for Sri Sairam Engineering College, Mr. Prabakaran, a dedicated student from the Department of Artificial Intelligence and Data Science (AI&DS), has been selected to represent India as part of the Adastra Team in the prestigious Sairam SDG Action Program. The team is currently en route to the United States of America to participate in a global event centered around the United Nations' Sustainable Development Goals (SDGs).



The Adastra Team, comprising six talented students from Sairam institutions, was chosen for its outstanding work in conceptualizing and developing innovative solutions addressing real-world challenges aligned with the 17 UN SDGs. Their commitment to driving sustainable change through technology and collaborative action earned them the honor of international representation.

Mr. Prabakaran's contribution, grounded in the fields of artificial intelligence and data science, played a critical role in designing data-driven strategies to tackle issues like climate change, quality education, and smart resource management. His selection marks a milestone for the AI&DS department, highlighting the department's commitment to blending technical education with social responsibility and global impact.

Wearing their official team uniforms and carrying the national flag, the team was seen off with pride and encouragement by college authorities and well-wishers at the airport. Their participation symbolizes the growing role of Indian youth in the international development landscape.

Sri Sairam Engineering College continues to provide platforms and mentorship that empower students to excel beyond the classroom, nurturing innovators and changemakers. The college congratulates Mr. Prabakaran and the Adastra Team and wishes them success in their journey and global presentation in the United States.

THANK YOU