

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE NEWSLETTER

April 2025, Volume 4, Issue 6

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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.

Sri Sairam Engineering College – AI & DS Department Achieves Landmark Placement Success with Offers Up to ₹20 LPA

The Department of Artificial Intelligence and Data Science (AI & DS) at Sri Sairam Engineering College has reached a remarkable milestone in its placement journey. Two of its shining stars from the 2025 batch, Anantha Narayanan and Soumil Mithraen S A, have bagged dream offers ranging from ₹15 LPA to ₹20 LPA from top-tier product-based companies. This achievement not only marks a proud moment for the department but also reinforces Sairam's growing reputation as a hub for tech talent and innovation. The success of these students is the result of a strong foundation in AI, machine learning, and data science, combined with practical exposure, project-based learning, and industry-aligned training.

The department, under the dynamic leadership of Dr. Swagata Sarkar, focuses on nurturing future-ready engineers with a perfect blend of theoretical expertise and hands-on experience. She remarked, "Our students' success is a reflection of the department's academic vision, the relentless efforts of our faculty, and the rigorous placement



**Dream Job !
Dream Compensation !
Dream Company !**

**Achieved by our
brilliant stars of
2025 BATCH**

STUDENTS PLACED IN TOP PRODUCT FIRMS
WITH LUCRATIVE OFFERS

PACKAGE RANGE
15 LPA TO 20 LPA



		
ANANTHA NARAYANAN AI & DS	SOUMIL MITHRAEN S A AI & DS	ARAVIND SUBRAMANIAN S CSE

 **SRI SAI RAM ENGINEERING COLLEGE**
INSTITUTE OF TECHNOLOGY
Autonomous Institutions | 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.



preparation facilitated by the college."



The students received dedicated support from the Sairam Training, Entrepreneurship and Placements (STEP) Cell, which plays a crucial role in equipping students with aptitude, communication, and technical interview skills tailored for top product companies.

This success story stands as a beacon of inspiration for upcoming batches and showcases the AI & DS Department's commitment to excellence, innovation, and outcome-based education.

As Sri Sairam Engineering College continues to rise as a leading institution for engineering education, the AI & DS Department proudly leads the way in shaping tomorrow's tech pioneers.

Sri Sairam Engineering College's AI & DS HoD Swagata Sarkar to Share Expert Insights on Thanthi TV Panel Discussion

Chennai, June 9, 2025 – Dr. Swagata Sarkar, Professor and Head of the Department of Artificial Intelligence and Data Science (AI & DS) at Sri Sairam Engineering College, will be featured as a distinguished speaker on a televised panel discussion to be aired on Thanthi TV, one of Tamil Nadu's leading news and media networks. The program is scheduled for broadcast on June 9, 2025, at 4:30 PM.



தந்தி **வேலை வாய்ப்பை அள்ளித்தரும் பொறியியல் மாட்ப்பழம்புகள்..**

உங்கள் கேள்விகளை Comment-ல் பதிவிடுங்கள்

தொழில்நுறைக்கான இன்ஜினியர்களாக எப்படி உருவாகலாம்...?

கலவ் வழிகாட்டி

உங்கள் தந்தி டிவி நேரலையில் பதில் அளிக்கிறார்..

முனைவர் ஸ்வாகதா

PROFESSOR AND HEAD AI AND DATA SCIENCE

கேள்விகளை 89398 88400 என்ற எண்ணுக்கு Whatsapp-ல் அனுப்புங்கள்

இன்று மாலை 4.30 மணிக்கு..! **09.06.2025**

The discussion, titled “Employment-Oriented Professional Education”, will focus on how engineering graduates can be better prepared to meet the evolving demands of the industry. Dr. Sarkar will share her insights on the importance of aligning academic curricula with real-world applications, enhancing students’ practical skills, and fostering innovation through interdisciplinary learning.

As the Head of one of the most future-focused departments in the institution, Dr. Swagata Sarkar has been instrumental in transforming the AI & DS program at Sri Sairam Engineering College into a

launchpad for aspiring technologists and data scientists. Her leadership has directly



contributed to the department's academic excellence and outstanding placement records.

The program invites active participation from students, educators, and parents. Questions and comments can be shared live during the telecast via WhatsApp at 89398 88400.

This televised feature reflects Sri Sairam Engineering College's ongoing commitment to producing industry-ready graduates through academic innovation, industry collaboration, and expert mentorship. Dr. Sarkar's participation highlights the institution's leadership in adapting engineering education to meet 21st-century challenges.

Viewers can tune in to Thanthi TV at 4:30 PM on June 9, 2025, to watch the full discussion.

AI & DS Department of Sri Sairam Engineering College Showcases Cutting-Edge Innovations at Technology Expo

Chennai, June 19, 2025 – The Department of Artificial Intelligence and Data Science (AI & DS) at Sri Sairam Engineering College made a remarkable impression at a premier Technology and Innovation Expo held



recently. The event, which took place on June 19, 2025, witnessed the participation of leading academic institutions, research bodies, and tech entrepreneurs from across the country.

The AI & DS team from Sri Sairam Engineering College showcased a series of innovative projects at their dedicated stall, attracting attention from academicians, industry experts, and delegates. Among the key highlights were AI-powered robotics prototypes and intelligent automation systems, developed by students and faculty in collaboration with the college's research and innovation cell.

The stall stood out for its display of practical, real-world AI applications—including a humanoid robot interface and an agricultural rover—demonstrating how AI can revolutionize sectors like manufacturing, healthcare, and smart mobility. Students actively engaged with visitors, explaining the functionality and future

implications of their work, reflecting the department's focus on hands-on learning and industry relevance.



Faculty members and department leaders were also present, underscoring the institution's strong commitment to fostering innovation through interdisciplinary collaboration. The participation exemplified

the AI & DS department's mission to equip students with not only technical expertise but also the creativity and vision to solve complex global challenges.

The event served as a valuable platform for networking, collaboration, and knowledge exchange, further solidifying Sri Sairam Engineering College's reputation as a hub for next-generation engineering talent.

Sri Sairam Engineering College – AI & DS HoD Joins Panchayat Raj & Rural Development Training

Chengalpattu, June 21, 2025 – In a significant stride toward integrating technology with governance, Dr. Swagata Sarkar, Professor and Head of the Department of Artificial Intelligence and Data Science (AI & DS) at Sri Sairam Engineering College, actively participated in the



Three-Month Certificate Course on Panchayat Raj Administration and Rural Development – Batch 6, conducted by the State Institute of Rural Development & Panchayat Raj (SIRD & PR), Maraimalai Nagar, Chengalpattu District, from June 16 to 21, 2025.

Accompanied by faculty members of the department, Dr. Sarkar engaged in high-level discussions on leveraging AI and data-driven technologies to transform rural development practices. The program was designed to foster cross-sectoral learning among professionals, government functionaries, and academics committed to empowering local governance systems.

Dr. Sarkar's insights focused on how artificial intelligence and machine learning can be integrated into rural administration for better planning, predictive resource allocation, and digital empowerment of Panchayat-level governance. Her presence underscored the rising demand for technologists who not only possess domain expertise but

also a strong understanding of social and administrative frameworks.

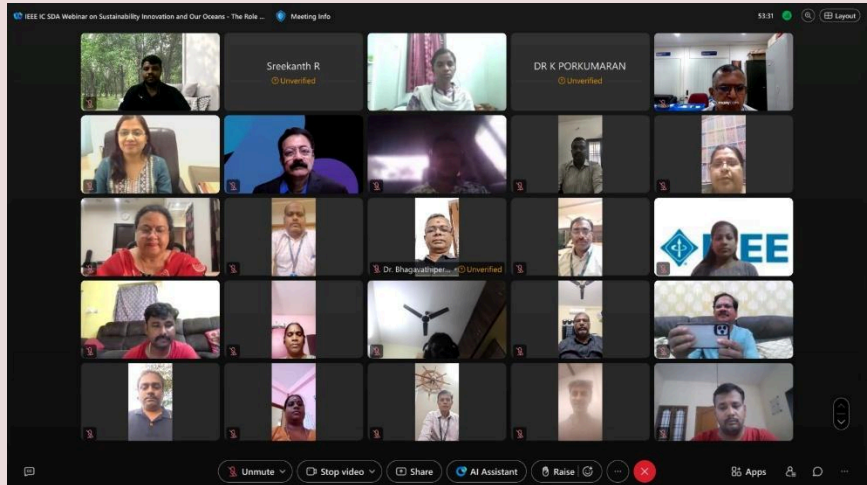


The participation of the AI & DS department in this unique initiative highlights the department's commitment to socially impactful, interdisciplinary learning and civic engagement. It also reflects the college's broader mission to equip students and faculty to address real-world challenges through technological innovation.

This engagement marks yet another step forward in establishing Sri Sairam Engineering College as a forward-thinking institution that encourages collaboration between emerging technologies and rural development policies, paving the way for a smarter, more inclusive future.

AI & DS Faculty Participate in IEEE Webinar on Role of Engineers in Ocean Sustainability

Chennai, June 2025 – Faculty members from the Department of Artificial Intelligence and Data Science at Sri Sairam Engineering College took part in a global IEEE webinar titled "Sustainability



Innovation and Our Oceans – The Role of Engineers." The event brought together experts, educators, and researchers to discuss how engineering and emerging technologies can help protect marine ecosystems and ensure sustainable development.

Organized by IEEE IC SDA, the virtual session explored the critical role engineers play in addressing ocean pollution, climate change, and marine biodiversity loss. The theme emphasized how technology, when paired with sustainable thinking, can offer actionable solutions to some of the most pressing environmental challenges.

Representing the AI & DS department, faculty actively participated in the discussions, highlighting the application of AI, machine learning, and data analytics in ocean monitoring, marine life conservation, and climate forecasting. Their involvement reflected the department's ongoing commitment to integrating engineering education with global sustainability goals.

The keynote speakers, including seasoned IEEE professionals and sustainability researchers, emphasized the urgent need for interdisciplinary collaboration between engineering disciplines and environmental science. Case studies on AI-driven ocean sensors, underwater robotics, and satellite-based data analysis illustrated the impact of innovation in real-world marine conservation.

This engagement provided valuable insights for both faculty and students, reinforcing the importance of nurturing engineers who are not only technologically skilled but also socially and environmentally responsible.

Through participation in such global forums, the AI & DS department at Sri Sairam Engineering College continues to promote engineering with purpose, aligning academic pursuits with the broader vision of sustainable and inclusive development for future generations.

AI&DS Students from Sri Sairam Engineering College Shine at IISc Urban Vision Hackathon

Chennai, July 2025 – Students from Sri Sairam Engineering College have made the institution proud by winning the Overall First Prize at the Urban Vision Hackathon hosted by the Indian Institute of Science (IISc), Bangalore. The team clinched the top spot along with a cash award of ₹1,00,000 and was offered a three-month research internship at IISc — one of India's premier research institutions.



The winning team consisted of four dynamic students: Vishal Rathin V and Vishnuvarthan M from the Artificial Intelligence and Data Science (AI&DS) Department, along with Deepak P from the Electronics and Communication Engineering (ECE) Department, and Aditya R from the Artificial Intelligence and Machine Learning (AIML) stream.

Their innovative solution addressed key challenges in urban development, incorporating AI-driven insights and real-time data analytics to improve urban infrastructure planning and sustainability. The technical depth and social relevance of their project impressed the judges and showcased the power of interdisciplinary collaboration.

Dr. Swagata Sarkar, Professor and Head of the AI&DS Department, expressed



her delight at the achievement: “This recognition at a national-level platform like IISc highlights the academic rigor and creative problem-solving skills nurtured in our department. We are immensely proud of

our students' success.”

This remarkable victory adds another feather to the cap of Sri Sairam Engineering College, reaffirming its mission to foster innovation, research, and academic excellence in the field of artificial intelligence and beyond.

Sri Sairam Engineering College Faculty Shine at BRIDGE'25: Pioneering AI Leadership

Faculty members from Sri Sairam Engineering College proudly participated in the prestigious BRIDGE'25

conference held at the Chennai Trade Centre. Organized by ICT Academy in collaboration with the Government of Tamil Nadu, the event was

themed “From Skilling to Global AI Leadership”, aiming to position Tamil Nadu as a global hub for artificial intelligence and digital innovation.



The conference brought together top minds from academia, industry, and government to deliberate on skilling strategies, cutting-edge technologies, and the future of AI-led transformation. It served as a crucial platform for exchanging ideas, strengthening collaborations, and aligning educational practices with industry needs.

Representatives from Sri Sairam Engineering College included faculty from the departments of Artificial Intelligence and Data Science, Computer Science, and Information Technology. Their active involvement

highlighted the institution's commitment to staying ahead in the rapidly evolving tech landscape.

Dr. Swagata Sarkar, Head of the Department of AI and DS, emphasized the significance of the event, stating, "BRIDGE'25 was an enriching experience. It offered us a clear perspective on industry trends and reaffirmed the importance of incorporating real-world AI challenges into our academic framework."

The event featured keynote addresses, panel discussions, and exhibitions by tech leaders, showcasing Tamil Nadu's strategic vision for AI innovation and entrepreneurship.

The participation of Sri Sairam Engineering College faculty in this landmark event not only reflects their dedication to academic excellence but also strengthens the college's mission of producing industry-ready graduates equipped with global competencies.

Such engagements reinforce the institution's role as a catalyst in building a digitally empowered society and nurturing the next generation of AI leaders.



Dr. Swagata Sarkar Presents Groundbreaking Research at ICC ROBINS 2025

Coimbatore, June 26, 2025 — Dr. Swagata Sarkar, Head of the Department of Artificial Intelligence and Data Science at Sri Sairam Engineering College, Chennai, made a significant contribution to the 2025 Second International Conference



on Cognitive Robotics and Intelligent Systems (ICC ROBINS 2025), held at KPR Institute of Engineering and Technology, Coimbatore.

Dr. Sarkar presented her paper titled "Enhancing Fall Detection in Assisted Living using Deep Learning Approach", which explores the potential of deep learning technologies in improving the safety and quality of life for individuals in assisted living environments. Her work focuses on advanced AI models capable of detecting falls in real-time, aiming to prevent delays in response and reduce health risks for elderly residents and individuals with mobility impairments.

The IEEE-sponsored conference, held on June 25-26, 2025, brought together leading researchers, academicians, and industry experts from

across the globe to discuss innovations in cognitive robotics and intelligent systems.



The event was organized by the Centre for Research and Development (CFRD) of KPRIET and was technically sponsored by the IEEE Madras Section.

Dr. Sarkar's research was well received by the academic community and underscores the growing role of artificial intelligence in the healthcare and eldercare sectors. Her innovative approach demonstrates how interdisciplinary research in AI and human-centered design can offer real-world solutions to pressing societal challenges.

The conference chairs, Dr. H. James Deva Koresh, Dr. R. Maheswar, and Dr. D. Saravanan, acknowledged the high quality of presentations and the relevance of the research to current technological needs.

Dr. Sarkar's work is expected to pave the way for future developments in AI-driven healthcare systems, reinforcing India's commitment to leveraging technology for inclusive and sustainable development.

Faculty Member of Sri Sairam Engineering College Honored for Reviewer Contribution at International Conference

Chennai, March 23, 2025 — Mr. S. Muthamilselvan, faculty member of the Department of Artificial Intelligence and Data Science (AI&DS) at Sri Sairam Engineering



College, has been honored with a Certificate of Reviewer Recognition for his valuable contribution to the 8th International Conference for Phoenixes on Emerging Current Trends in Engineering and Management (PECTEAM).

The prestigious conference was organized by Panimalar Engineering College, Chennai, under the banner of the Jaisakthi Educational Trust. Held on March 21 and 22, 2025, the event brought together researchers, academicians, and industry professionals to discuss and share innovations across various domains of engineering and management.

Mr. Muthamilselvan served as a reviewer, a key role in maintaining the academic integrity and quality of the research presented at the conference. He evaluated a range of research papers, offering expert insights and constructive feedback to ensure the standards of the conference remained exemplary. His contribution was formally recognized by the organizing committee, including Prof. S. Vimala (Co-Convener), Dr. S. Malathi (Convener), and Dr. K. Mani

(Co-Patron).



His recognition underscores not only his individual academic commitment

but also the Department of AI&DS's focus on fostering research, innovation, and global academic

engagement. Sri

Sairam Engineering College continues to support its faculty members in

participating in such prestigious academic events, aligning with its mission to nurture thought leaders and

innovators in emerging fields like Artificial Intelligence.

Mr. Muthamilselvan's involvement in such a vital role reflects the rising influence of AI&DS in shaping interdisciplinary research and positions Sri Sairam Engineering College as a center of excellence in the evolving landscape of technical education.



Mr. S. Muthamilselvan Honored as Peer Evaluator at TECH STAR SUMMIT 2025

Chennai, March 2025 — Mr. S. Muthamilselvan, a distinguished faculty member of the Department of Artificial Intelligence and Data Science (AI&DS) at Sri Sairam Engineering College, was recently honored with a Certificate of Appreciation by SIMATS Engineering, Saveetha University, for his valuable contribution as a Faculty/Industry Peer Evaluator at the prestigious TECH STAR SUMMIT 2025.

The event, hosted by Saveetha Transdisciplinary Annual Research Summit (TECH STAR), brought together leading academicians, researchers, and industry experts to explore cutting-edge innovations and foster cross-disciplinary collaboration in science, engineering, and technology. With AICTE and IET-UK accreditation, the summit stood as a platform for showcasing quality research and industry-aligned academic practices.

Mr. Muthamilselvan's role as a peer evaluator involved reviewing and assessing various technical projects, research proposals, and innovative student initiatives. His insights and professional expertise helped uphold the quality standards of the summit, encouraging



budding researchers to refine their ideas in line with global expectations.



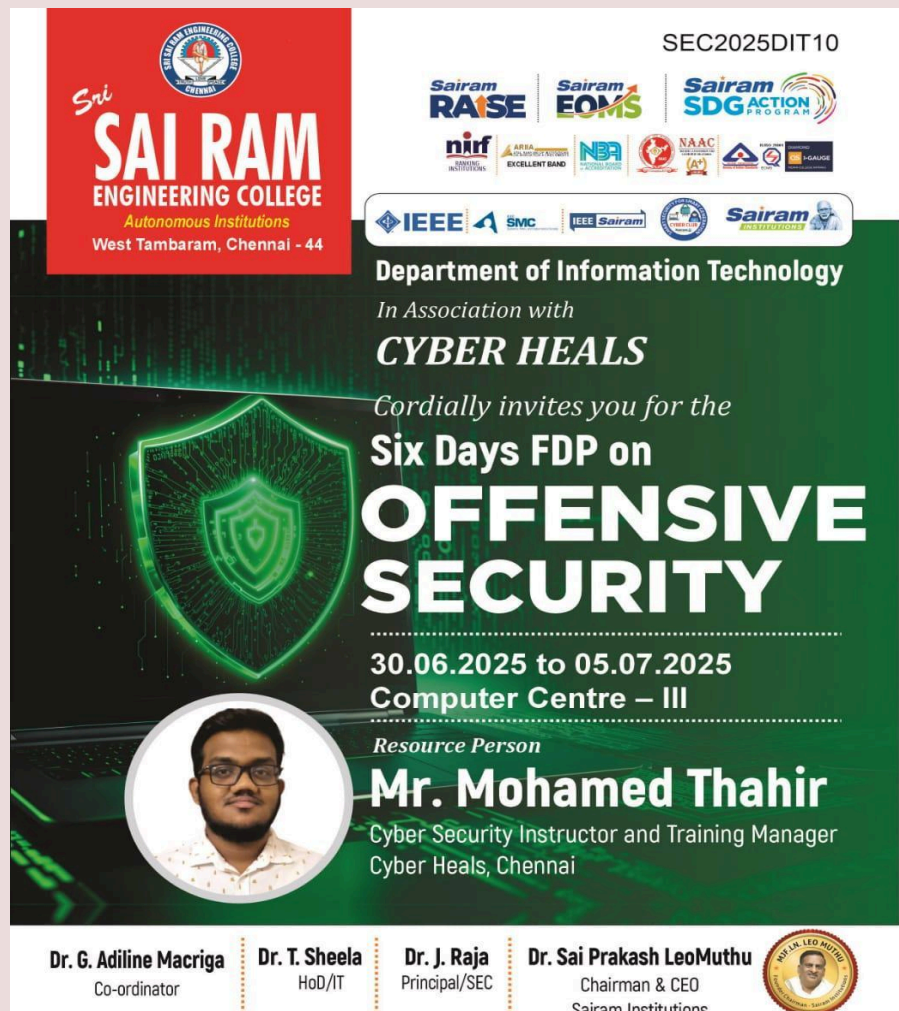
The certificate was presented by the Principal and Director of SIMATS Engineering in recognition of Mr. Muthamilselvan's commitment to excellence in academic and industry-oriented evaluation. His contribution demonstrates the increasing involvement of AI&DS professionals in shaping the future of technology-driven education.

This recognition marks another milestone in Mr. Muthamilselvan's career and highlights the vibrant academic culture nurtured at Sri Sairam Engineering College. The institution continues to motivate its faculty to participate in national and international forums, reinforcing its status as a hub for research, innovation, and collaboration.

Mr. Muthamilselvan's participation as a peer evaluator serves as an inspiration for faculty and students alike, reinforcing the importance of knowledge sharing and professional engagement in today's dynamic engineering landscape.

Sri Sairam Engineering College Organizes Six-Day FDP on Offensive Security

Chennai, July 2, 2025 — In a proactive step toward strengthening cybersecurity awareness and technical proficiency among faculty, Sri Sairam Engineering College, West Tambaram, is conducting a Six-Day Faculty Development Programme (FDP) on Offensive Security from June 30 to July 5, 2025, at Computer Centre – III.



The poster is for a Six-Day Faculty Development Programme (FDP) on Offensive Security. It features a green and black background with a glowing shield icon in the center. The text is in white and yellow. At the top left, it says 'Sri SAI RAM ENGINEERING COLLEGE Autonomous Institutions West Tambaram, Chennai - 44'. At the top right, it says 'SEC2025DIT10'. Below that, there are logos for Sairam RAISE, Sairam EOMS, Sairam SDG ACTION PROGRAM, nif, AREA, NBR, NAAC, and Sairam. Below the logos, it says 'Department of Information Technology In Association with CYBER HEALS'. The main title is 'Six Days FDP on OFFENSIVE SECURITY'. Below that, it says '30.06.2025 to 05.07.2025 Computer Centre – III'. The Resource Person is 'Mr. Mohamed Thahir', Cyber Security Instructor and Training Manager at Cyber Heals, Chennai. At the bottom, there are four names: Dr. G. Adiline Macriga (Co-ordinator), Dr. T. Sheela (HoD/IT), Dr. J. Raja (Principal/SEC), and Dr. Sai Prakash LeoMuthu (Chairman & CEO, Sairam Institutions). There is also a small circular portrait of Mr. Mohamed Thahir.

SEC2025DIT10

Sairam RAISE Sairam EOMS Sairam SDG ACTION PROGRAM

nif AREA NBR NAAC Sairam

IEEE SMC IEEE Sairam Sairam

Department of Information Technology
In Association with
CYBER HEALS

Cordially invites you for the
**Six Days FDP on
OFFENSIVE
SECURITY**

30.06.2025 to 05.07.2025
Computer Centre – III

Resource Person
Mr. Mohamed Thahir
Cyber Security Instructor and Training Manager
Cyber Heals, Chennai

Dr. G. Adiline Macriga Co-ordinator
Dr. T. Sheela HoD/IT
Dr. J. Raja Principal/SEC
Dr. Sai Prakash LeoMuthu Chairman & CEO
Sairam Institutions

Organized by the Department of Information Technology in association with Cyber Heals, the FDP aims to provide in-depth exposure to offensive security strategies, ethical hacking tools, and penetration testing methodologies. The program has drawn significant attention from educators and technical staff across departments, highlighting the

institution's commitment to staying at the forefront of emerging technological threats and solutions.



The sessions are being led by Mr. Mohamed Thahir, Cyber Security Instructor and Training Manager at Cyber Heals, Chennai. With extensive expertise in ethical hacking, vulnerability assessment, and cybercrime mitigation, Mr. Thahir is offering hands-on training and live demonstrations to help participants understand both the offensive and defensive dimensions of cybersecurity.



The FDP is coordinated by Dr. G. Adiline Macriga, with leadership support from Dr. T. Sheela, HoD of IT, and Dr. J. Raja, Principal of SEC. The initiative is strongly backed by Dr. Sai Prakash Leo Muthu, Chairman & CEO of Sairam Institutions, who

continues to promote industry-aligned training programs for faculty development.

Participants are gaining valuable insights into real-world threat environments, risk mitigation, and securing digital assets in both academic and enterprise settings. This FDP reflects Sri Sairam Engineering College's forward-looking academic strategy and its drive to equip faculty with 21st-century tech capabilities.

The event reinforces the institution's position as a leading center for

technical excellence, innovation, and cyber-readiness in higher education.

THANK YOU