



Sri
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COLLEGE OF ENGINEERING
Anekal, Bengaluru. www.sairamce.edu.in

NEWSLETTER



2024-2025



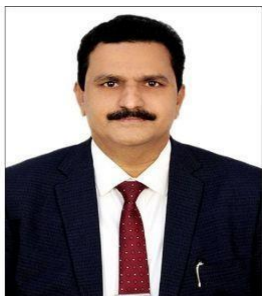
**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

Volume 1 Issue 2

About SSCE

Sri Sairam College of Engineering, formerly Shirdi Sai Engineering College, Bengaluru, established in the year 1997 by MJF Ln Leomuthu, Founder Chairman of Sapthagiri Educational Trust, is a non-profitable and non-minority institution. Located within the Bengaluru city limits, Sairam College is an inspirational place to study in which everything from classrooms to laboratories, hostels to cafeterias is modernized with state-of-the-art infrastructure. The labs and other facilities are among the best in the region, making it one of the most sought-after institutions by parents and students.

The ultra-modern computer labs with the latest software and hardware, and techno-visionary innovative centre make the institution a learning heaven for enthusiastic young engineering aspirants. ICT-enabled classrooms and work areas are well furnished and equipped with modern up-to-date facilities.



Dr. B Shadakshrappa
Principal

Institution Vision

To emerge as a “center for excellence” offering technical education and research opportunities of very high standards to students, develop the total personality of the individual, instill high levels of discipline, and strive to

set global standards, making our students technologically superior and ethically strong.

Mission of the Institute

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, creativity, innovation, and professional activity, and inculcate in them ethical and moral values.

About the Department



Dr. Smitha J A M.E., Ph.D MISTE, MIE
Professor and Head

The Department of Computer Science and Engineering in Sri Sairam College of Engineering, formerly Shirdi Sai Engineering College, was established in the year 1997–1998 (with an intake of 40 students).

The department offers B.E. degree programmes in Computer Science and Engineering, which are affiliated with Visvesvaraya Technological University. The Department has an excellent track record of organizing various workshops and conferences in areas of emerging technologies, and facilities are encouraging students to do innovative projects. The faculty members are highly motivated and devoted to delivering the highest quality professional education to students, combined with a strong teaching-learning process including ICT-enabled classrooms. The placement record of the department has always been impressive.

Department Vision

Transform students into professional, ethical engineers to meet global challenges through quality education.

Department Mission

To impart quality education in Computer Science and Engineering with strong industry-institute partnership to develop technical & research skills.

- Enrich the technical ability of students to face the world

with confidence, commitment, and teamwork in the IT field.

Provide a learning platform for interdisciplinary innovation, research, and self-learning.

Encourage faculty and students to actively participate in holistic educational practices and to impart social values.

Department Highlights

The department has 120 intakes, considering all the technical quality and facilities provided by the management. The department is strengthened with 23 faculties, out of which 4 are doctorates, 11 are pursuing

Ph.D.,

Program Educational Objectives (PEOs)

PEO 1	Graduates of the program can be an eminent Engineering Professional to engage in professional activities, commit to team work and adapt to an ever changing global technical environment.
PEO 2	Graduates can have effective oral and written communication of technical and managerial information to analyze and solve Computer Science and Engineering problems through the fundamental knowledge of Maths, Science and Engineering.
PEO 3	Graduates are able to design and develop innovative solutions for real life problems in the Computer Science and Engineering field and related domains.

Program Specific Outcomes (PSOs):

PSO-1	The ability to understand, analyze and develop computer programs in the areas related to algorithms, system software, networking and embedded computing, web design, and data analytics for efficient design of computer-based systems.
PSO-2	The ability to understand the evolutionary changes in computing technologies, apply standard practices and strategies in software project development and testing using various programming environments to deliver a quality product for business, real world problems and meet the challenges of the future.

PROGRAM OUTCOMES (POs)

P01	Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
P02	Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
P03	Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
P04	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions
P05	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
P06	The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
P07	Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
P08	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

P09	Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
P010	Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
P011	Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
P012	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Department Activities

ADVAYA 2K25: Technical Symposium & Hackathon



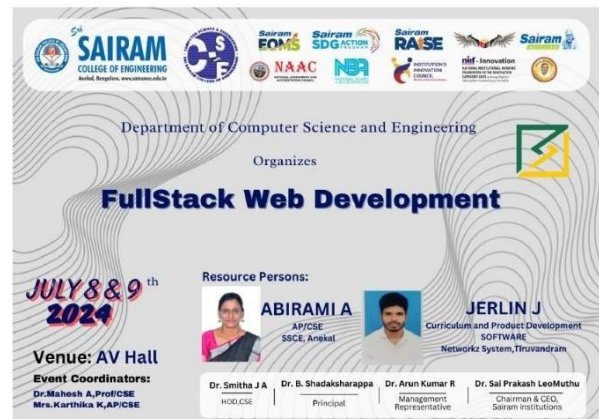
The Department of Computer Science and Engineering and the IEEE Student Chapter - Computer Society successfully organized ADVAYA 2K25, a Technical Symposium and Hackathon, on May 6th and 7th, 2025. The event featured a diverse lineup of competitions including a 24-hour Hackathon, paper presentation, webathon, mobilathon, chatbot competition, UI/UX design challenge, connections, and C debugging. Participants competed for a shared prize pool of ₹330,000, with registration priced at ₹300 per person for a maximum of three events and ₹800 per team for the Hackathon.

IBM Online Workshop: Generative AI Use cases and Applications



An online workshop conducted by IBM on **Friday, August 30, 2024**, from 2:00 PM to 4:00 PM, focusing on the practical use cases and real-world applications of Generative AI. The session was led by an Executive IT Architect from IBM via Microsoft Teams.

A Resounding Success: Full Stack Web Development Workshop



The Department of Computer Science and Engineering successfully organized an intensive two-day Hands-on Workshop on Full Stack Web Development on July 8th and 9th, 2024, where participants delved into building modern, end-to-end web applications under the expert guidance of resource persons Ms. Abirami A and Ms. Jerlin J, gaining invaluable practical experience in both front-end and back-end technologies within the dynamic environment of the AV Hall.

Hands-on Training on Web Technology & its Applications



The Department of Computer Science and Engineering conducted a two-day **Hands-on Training on Web Technology & Applications** on **July 15–16, 2024**. Guided by **Ms. C. Valarmathi (AP/CSE)**, the program provided participants with

practical exposure to modern web development tools, frameworks, and implementation strategies.

Guest Lecture on "No SQL Databases & Big Data Storage Systems"



An insightful guest lecture on "No SQL Databases & Big Data Storage Systems" was successfully hosted on **July 18, 2024**, featuring industry expert **Mr. Raghu Prasad**, who explored the architecture, scalability, and practical applications of modern data management solutions. Attendees gained valuable knowledge about non-relational databases and large-scale data storage frameworks, equipping them with essential skills to address contemporary big data challenges in the technology sector.

One-Day Seminar on "How to Build Micro SaaS Using Trending AI Tools"



This seminar, held on **October 26, 2024** in the AV Hall, provided insights into building Micro-SaaS (Software as a Service) businesses by leveraging currently trending artificial intelligence tools. It was organized in collaboration with the Indian Society for Technical Education (ISTE).

International Conference on Recent Trends in Computing and Communication Technologies (ICRCCT 2k24)



An International Conference on Recent Trends in Computing and Communication Technologies (ICRCCT-2K24) was successfully held on **September 14th and 15th, 2024**, bringing together researchers, academics, and industry experts to share cutting-edge advancements and foster collaboration in emerging technological fields. The event featured insightful paper presentations, vibrant discussions, and demonstrations of innovative projects, creating a dynamic platform for knowledge exchange and professional networking in the ever-evolving domains of computing and communications.

Microsoft Azure Fundamentals (AZ-900) Global Certification Program



A **Microsoft Azure Fundamentals (AZ-900) Global Certification Program** was conducted from November 25–30, 2024, under the guidance of industry expert **Mr. Mohammed Azzar**. The program provided comprehensive training in cloud concepts, Azure services, and best practices, enabling participants to earn valuable credentials for advancing their careers in cloud computing.

Hands-on Workshop on Artificial Intelligence, Machine Learning & Hardware Integration



A two-day hands-on workshop on **Artificial Intelligence, Machine Learning, and Hardware Integration** was successfully held on **December 9th and 10th, 2024**, offering participants an immersive experience in cutting-edge AI technologies and their practical applications. Attendees gained valuable skills in developing intelligent systems, integrating machine learning models with hardware platforms, and exploring real-world use cases. The workshop fostered a dynamic learning environment where students and professionals collaborated to deepen their understanding of AI-driven innovation and its transformative potential across industries.

Guest Lecture on "OOPS with Java Programming"



A guest lecture on **Object-Oriented Programming with Java** was conducted on **20th December 2024**, offering participants a clear understanding of OOP principles and their implementation in Java. Led by **Dr. Vivekanandhan Vijayarangan**, the session covered key concepts like encapsulation, inheritance, polymorphism, and abstraction, enabling students to write efficient, modular, and scalable code. Emphasizing hands-on learning and real-world applications, the event empowered students to leverage Java for modern software development.

Session on "UPSC Unveiled: Insights and Strategies"



An insightful session, **"UPSC Unveiled: Insights and Strategies,"** was organized on **10th March 2025** to guide students in UPSC preparation. **Mr. Sagar BA, Chief Mentor from Legacy IAS Academy**, shared strategies, preparation tips, and a roadmap for success, covering syllabus, time management, and answer writing. The seminar inspired participants to pursue civil services with confidence and clarity.

Pleasant Day Seminar on "Embedded Software"



A seminar on **March 17, 2025** dedicated to the field of embedded systems software, which is essential for electronics and computing devices.

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Higher Education Cell / Club

in association with

Department of Electrical & Electronics Engineering

an online Session on

"Benefits and Career Opportunities with GATE"

Date : 20th March 2025 @ 2:00 pm

Venue : Seminar Hall, SSCe

Speaker

ANKIT GOYAL

Co-Founder,
Headgear Education & Research,
Understanding your own CareerPath

Session on "Korean Basics Unveiled: Jobs and Higher Studies Opportunities in South Korea"



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Corporate Academia Relationship
&
Higher Education Cell
Organizes
A Session on

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**Sairam
SDG ACTION
PROGRAM**



**Sairam
EOMS**



**Sairam
RAISE**

Korean Basics

Unveiled

Jobs and Higher Studies

Opportunities in South Korea

SPEAKERS

MR. JUSTIN (KYONGNAM SEO)
(CEO)

JENIFER (SUNGHOON YOU)
(CO-FOUNDER)

MR. JOE GLENN FERNANDO
(TRAINER)

SAIRAM
COLLEGE OF ENGINEERING

KONGRETS CENTRE PRIVATE LIMITED

Inauguration of IEEE Societies (Vehicular Technology, Computer Society, WIE)

The Management, Principal, Staff
& Students cordially invite you for the

Inauguration of

IEEE VEHICULAR TECHNOLOGY SOCIETY
IEEE COMPUTER SOCIETY
IEEE WIE STUDENT BRANCH AFFINITY GROUP

27.03.2025 | 10.00 AM | Sir. M.V. AV Hall

Chief Guest

Dr. Abhishek Appaji

IEEE Chair, SPS Bangalore Chapter
Treasurer, IEEE Educational Society

The formal launch of three new IEEE student branch chapters will be held on **March 27, 2025** at 10:00 AM in the Sir M.V. AV Hall. The chapters are focused on Vehicular Technology, Computer Society, and Women in Engineering (WIE).

Webinar on "Community, Collaboration, and Career with IEEE-HKN & CS"



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COLLEGE OF ENGINEERING
Autonomous Institute
Sairam, Bangalore. www.sairam.edu.in









Department of Computer Science and Engineering

Principally Organising

Webinar on

Community, Collaboration, and Career with IEEE-HKN & CS



Dr. Soma Prathiba
Resource Person

Prof. of Department
of Science Engineering College
Chennai, 9853 987 9453 Adl, Faculty Advisor IEEE
HKN for the Chapter



Sandeep A
Presenter

HR Dept
of Software Engineering College - Chennai
Chennai, 9853 987 9453 Adl, Faculty Advisor IEEE
HKN CS-PROGRAM LEAD
IEEE SDP- STRATEGIC LEADERSHIP LEAD



Jagadeesh G
Presenter

HR Dept of SDP,
IEEE HKN for the Chapter Member
Secretary - IEEE Computer Society ISC 2023-2024
Noida, Chennai, Chennai and SDP
Tech. Networking and SDP
IEEE SDP - Technical Lead, Special Track

15.04.2024 | 2PM - 4PM | Sir: M.V. AV Hall

Dr. Smitha J A
HOD, CSE

Dr. B. Shadaksharappa
Principal

Dr. Sai Prakash LeoMuthu
Chairman & CEO,
Sairam Institutions

Event Coordinators:
Dr. Mahesh A / CSE / IASE
Prof. Rejith Thomas
AP / CSE



A webinar on **April 15, 2025** from 2:00 PM to 4:00 PM in the Sir M.V. AV Hall, focused on the benefits of community involvement and collaboration within IEEE societies and how it positively impacts career development.

Two-Day Workshop on "Block chain and Cyber security: Integrating Innovation and Protection"



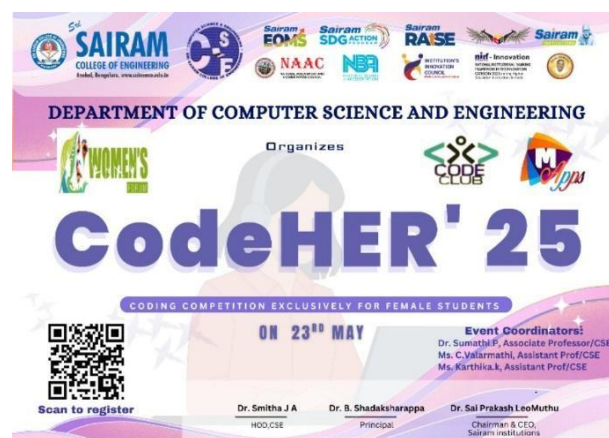
A workshop on **May 13 & 14, 2025** from 11:00 AM to 4:00 PM in the CSE Lab, exploring the intersection of two critical fields: the innovative potential of Block chain technology and the essential protective measures of cybersecurity. It is organized in association with ISTE.

Workshop on "Navigating the Patent Pathway: From Innovation to Protection"



A workshop on "Navigating the Patent Pathway: From Innovation to Protection" was held on May 17, 2025, under the KAPILA Programme in celebration of World Intellectual Property Day. Dr. G. Puthilibai (Professor & Head, IPR Cell, Sri Sai Ram Engineering College, Chennai) shared key insights on intellectual property rights, patent filing, and strategies to safeguard innovations, empowering participants to protect their creative and technological advancements.

CODEHER25 - Coding Competition Exclusively for Female Students



A special **CodeHER25** coding competition was successfully held on **23rd May 2025**, designed exclusively to celebrate and encourage women in technology. The event provided a dynamic platform for female coders to showcase their programming skills, problem-solving abilities, and creativity in a supportive and competitive environment. Focused on empowering women in STEM, the contest highlighted innovation and technical talent while fostering a strong sense of community and collaboration among participants.

Video Making Contest 2025



The **Video Making Contest 2025** was successfully organized as part of **ADVAYA 2K25 Technical Symposium** in association with the IEEE Student Chapter – Computer Society. The contest was open to all students, encouraging them to "Reel the Real Achievements." Participants created short videos of 3–5 minutes on themes such as achievements beyond classrooms, internships, social awareness, campus life, and cultural/sports activities. The event received enthusiastic participation, showcasing the creativity and innovation of students. Cash prizes were awarded to the best entries, making the contest both competitive and inspiring.

