

Special Session – Women in Science & Engineering (WISE)

The Special Session on “Women in Science & Engineering (WISE)” is led by the students of Sri Sairam Engineering College who are currently interning with MIT Square and volunteering with Raj Square Charity Foundation (RSCF), India. The special session is pleased to invite you to respond to our Call for Submissions for the IEEE International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE 2020), to be held from 10 - 11 July 2020 at the REVA University, Bangalore.

To celebrate International Women in Engineering Day on June 23rd 2020, the women students from Sri Sairam Engineering College, Chennai mentored by Dr Sumathi S and Dr Mithileysh are organising a special session on “Women in Science & Engineering (WISE)”. This is part of the Sustainable Development Goals (SDG) initiated by the United Nations.

In the last few years, technologies are constantly evolving and finding new applications in the field of engineering. This has motivated in promoting women engineers, scientists, educators and researchers for better recognition in the workplace and empower them for career advancement to contribute in the engineering developments. The special session will build a professional network of women engineers, scientists and technologists offering inspiration, support and professional development. By collaborating, we support and inspire women to achieve as engineers, scientists and as leaders; we encourage the education of engineering; and we support organisations with gender diversity and inclusion.

In collaboration with Raj Square Charity Foundation (RSCF), we would like to invite women engineers, scientists, educators, students and policymakers from academic sector, government, industry and non-governmental organizations to discuss, share and promote current works and recent accomplishments across all aspects of traditional and latest science and engineering topics.

Raj Square Charity Foundation is committed to provide comprehensive, affordable and quality educational services to the neediest and to make India a better nation with 100% literacy rate for all citizens by marching towards achieving various goals discussed and raised by the UNESCO.

Student Organizers

Divya Ganesh, IV Year ECE, Sri Sairam Engineering College
Shalini Gnanavel, IV Year ECE, Sri Sairam Engineering College
Saranya Manohar, IV Year ECE, Sri Sairam Engineering College
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Kajol Mohanty, II Year ECE, Sri Sairam Engineering College
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Kirthikka Shashidhar, II Year ECE, Sri Sairam Engineering College
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Sindhuja, II Year ECE, Sri Sairam Engineering College

Executive Team

Dr Sumathi S, Sri Sairam Engineering College, Chennai
Dr Sharanya Rajan, University Hospital Southampton NHS Trust, UK
Bhuvaneshwari Loganathan, Raj Square Charity Foundation, India
Sushila Rajan, MIT Square, India
Aruna HP, MIT Square, India
Ruchitha Jain, MIT Square, India

Topics

Computer Science & Engineering

- Intelligent Computing
- Database Management Systems
- Software Engineering
- Systems Software
- Data Communication and Networking
- Internet of Things
- Management Information System
- Artificial Intelligence
- Human-computer Interaction
- Bio Inspired Computing
- Bioinformatics
- Computer Vision
- Expert Systems
- Image Processing
- Information Retrieval and Fusion
- Big Data
- Data Engineering
- Data Mining
- Data Warehousing
- Compiler Design
- Computer System and Modeling
- Operating System
- Parallel and Distributed Computing
- Blockchain
- Social Media Analysis
- Augmented Reality and Virtual Reality

Electronics & Communication Engineering

- Signal Processing
- VLSI Design
- Antenna Engineering
- Photonic/Opto Electronic Structures /Devices
- Nanophotonics
- Consumer Electronics

- Smart Electronics Systems
- Low Power VLSI Circuits & Mixed Mode VLSI
- VLSI Verification and Testing
- Robotics and Automation
- Internet of Things
- Next Generation Networks
- Optical and Photonic Networks
- Smart Grid Domains
- Spread Spectrum Communication
- Antenna, Filters, Waveguides

Submission Guidelines

Submit your paper in IEEE format. Submitted work should be original and application oriented. Acceptance will be based on reviewer's comments that will address the strong and weak aspects with suggestions to improve the work.