

## ADVISORY COMMITTEE

1. **Dr. S. Solai Manohar**, Director,  
MinMukhil Technologies, Chennai, Tamilnadu, India
2. **Dr. Mohamed Ismail**, Professor,  
Crescent Institute of Science & Technology,  
Chennai, Tamilnadu, India
3. **Dr. D. Rukmani Devi**, Professor,  
RMD Engineering College,  
Chennai, Tamilnadu, India
4. **Dr. J. Raja**, Professor & Head,  
Sri Sairam Engineering College, Chennai,  
Tamilnadu, India
5. **Dr. Kanagaraj Venusamy**, Professor,  
University of Technology and Applied Sciences –  
Al Mussanah, Sultanate of Oman.
6. **Dr. T. Manikandan**, Professor & Academic HoD,  
Rajalakshmi Engineering College,  
Chennai, Tamilnadu, India
7. **Dr. R. Venkatesan**,  
Scientist G, NIOT, Chennai, Tamilnadu, India
8. **Dr. D. Nedumaran**, Professor & Head,  
University of Madras, Chennai, Tamilnadu, India
9. **Dr. K. Kalaivani**, Associate Professor,  
Easwari Engineering College,  
Chennai, Tamilnadu, India
10. **Dr. Maheswari. R.**, Associate Professor,  
Vellore Institute of Technology,  
Chennai, Tamilnadu, India
11. **Dr. S. Dhanasekar**, Associate Professor,  
Sri Eshwar College of Engineering,  
Coimbatore, Tamilnadu, India



## ORGANISING COMMITTEE

### Patrons

**Sri. Sai Prakash Leo Muthu**,  
Chairman & CEO

**Dr. K. Palanikumar**, Principal

### Convenor

**Dr. G. Thamarai Selvi**, HOD

### Conference Chair

**Dr. S. Rajarajan**, Professor

### Co-Ordinators

**Ms. G. Valarmathi**, AP

**Dr. M. Pown**, AP



ISTE sponsored

# NATIONAL CONFERENCE ON ADVANCED RESEARCH AND INNOVATIONS IN INFORMATION AND COMMUNICATION ENGINEERING

24<sup>th</sup> March 2022



For Further Details, Contact:

**Ms. G. Valarmathi**  
+91 97899 92329

valarmathi.ece@sairamit.edu.in

**Dr. M. Pown**  
+91 99447 27138

pown.ece@sairamit.edu.in



Sri Department of Electronics & Communication Engineering  
**SAI RAM INSTITUTE OF TECHNOLOGY**

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi

Accredited by NBA and NAAC "A+" | An ISO 9001:2015 Certified and MHRD NIRF ranked institution

Sai Leo Nagar, West Tambaram, Chennai - 44

[www.sairamit.edu.in](http://www.sairamit.edu.in)



## ABOUT THE COLLEGE

Sri Sai Ram Institute of Technology, an autonomous institution is approved by All India Council for Technical Education (AICTE) and it is affiliated to Anna University, Chennai. The college is an ISO 2009:2015 recertified institution, and it is also accredited with NBA and A+ grade in NAAC. As imbued with the message of Sri Shirdi Sai Baba, our chairman has ventured into the realm of providing quality technical education to both urban and rural students from Tamil Nadu as well as other states. As a result, it has been established by MJF.Ln.Leo Muthu, Founder Chairman of Sapthagiri Educational Trust, in the year 2008. Now, it is developed as one of the reputed Engineering Institutions in Tamil Nadu. This is achieved by offering top quality technical education and also by molding the younger generation with the spirit of service to society. Also, the college has dedicated faculty and provides adequate infrastructure facilities.

## ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering is accredited by NBA, AICTE and has acquired Autonomous status under Anna University, Chennai. The department consistently producing University ranks including gold medal, with good academic and placement records. The alumni of ECE are placed across the globe in top notch companies and Research organizations like MERCEDEZ R & D, HYUNDAI R&D, HCL, ADOBE, INTEL, ALCATEL QUALCOMM etc. Further Alumni are pursuing their Higher studies at IIT, NIT, IIIT, BITS, NTU, NIS and almost all the universities of US, Canada and UK.

## VISION

To become a leading department of excellence in academic and research imparting high quality technical education in Electronics and Communication Engineering through international standards and making our students technologically superior and ethically strong to serve the society and mankind.

## MISSION

To create an inspiring environment that shall enhance the growth of innovative research professional excellences who can contribute to the society and mankind, ethical and societal values through life-long learning.

## ABOUT THE CONFERENCE

ARICE - 2022 Advanced Research and Innovations in Information and Communication Engineering is a Conference conducted by the Department of Electronics and Communication Engineering at Sri Sai Ram Institute of Technology, Chennai.

The mission of the Conference ARICE - 2022 is to provide a platform for professional researchers to share the existing and upcoming frontiers in the field of Information and Communication. The conference blends the concept of interdisciplinary streams that helps the society and technological dimensions and knowledge evolution in Engineering.

## OBJECTIVES

1. To provide a platform for professional researchers to share the existing and upcoming frontiers in the field of Information and Communication.
2. The conference blends the concept of interdisciplinary streams that helps the society and technological dimensions and knowledge evolution in Engineering.

## CALL FOR PAPERS

*Topics included are not limited,*

### COMPUTING TECHNOLOGIES

- Artificial Intelligence
- Machine Learning for Communications
- Bio-medical computing and Bio-informatics
- Cloud, Cluster, Grid and P2P computing
- Cryptography and Applied Mathematics
- Mobile Computing

### COMMUNICATION TECHNOLOGIES

- Antenna and Wave Propagation
- Electromagnetic absorbers
- Cognitive Radio and Networks
- Signal and Image Processing
- Information Theory and Coding
- Optical Networks
- Wireless Sensor Networks
- Wireless Communications
- VLSI and Embedded Systems

## PUBLICATION

Accepted papers of the registered candidates will be published in the conference proceedings. On request the selected articles of the candidates will be published in UGC approved journals / scopus indexed journals based on the article quality.

Note : Publication of UGC and scopus indexed journals is subjected to payment.

## HOW TO SUBMIT THE PAPER

Authors are request to submit the papers using the following link : <http://sairamit.edu.in/sites/arice2022/>  
email: [arice@sairamit.edu.in](mailto:arice@sairamit.edu.in)

## REGISTRATION FEE DETAILS

Academicians	: Rs. 1000
UG/ PG/ Research Scholars	: Rs. 500

## PAYMENT DETAILS

A/C NAME: SAI PRAESTANTIA  
A/C NO: 500101012195249  
IFSC CODE: CIUB0000634  
CITY UNION BANK  
BRANCH: POONTHANDALAM

## DATES TO REMEMBER

Paper Submission Last Date	: 11-03-2022
Registration Deadline	: 18-03-2022
Date of Conference	: 24-03-2022