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Conference Chair

Dr. S. Rajarajan

Dr. G. Thamarai Selvi

Co-ordinators

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

ARICE 2020

6th March 2020



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Sri SAI RAM INSTITUTE OF TECHNOLOGY

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

Sai Leo Nagar, West Tambaram, Chennai - 44

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ABOUT THE COLLEGE

Sri Sai Ram Institute of Technology is affiliated to Anna University and approved by AICTE, New Delhi, has begun its successful journey in the year 2008. This prestigious institution has been pioneered by a great Philanthropist, MJF.Ln. LEO MUTHU, Managing Director of LEO GROUP OF COMPANIES in the name of "SAPTHAGIRI EDUCATIONAL TRUST" at Sai Leo Nagar, near Tambaram in Chennai. It is one of the premier institutions in Tamil Nadu, which sustains its high standard through quality education. Through high intention and sincere effort, the Institution has earned ISO 9001:2015 Certification from Bureau Veritas Quality International. Besides, the institution been accredited with "A+" grade with the CGPA of 3.30 by NAAC and in addition, five departments (CSE, MECH, IT, EEE, ECE) have been accredited for 3 years by NBA. The institution has also reached 194th position amongst the top 200 Engineering Institutions (all over India) in the National Institutional Ranking Frame work (NIRF) by the Ministry of Human Resource and Developments, Govt., of India. In addition, the college has ranked "Third" for maintaining, promoting and encouraging the culture of "SWACHH CAMPUS RANKING 2018, conducted by Ministry of HRD, Government of India. Currently, this prestigious institution has six departments in UG (CIVIL, CSE, EEE, ECE, MECH and IT) and two PG courses: M.E- INDUSTRIAL SAFETY ENGINEERING and MBA with the fanatical Teaching and Non - Teaching staff. Moreover, the institution provides an excellent mode of teaching-learning process; hence, from the academic year 2011 – 12, the institution has incredibly produced 299 University rank holders including two Gold medalists and in the academic year 2017-18 alone, the students have won 60 University ranks. Apart from this, the institution has a good record of placement and nearly 90% of the students are placed every year in leading companies. The Alumni are in key roles of MNCs and research organizations, like Mercedes R&D, Hyundai R&D, Intel, Qualcomm, Alcatel, Adobe, Ashok Leyland, TVS Lucas, Mahindra& Mahindra, Mindtree, TCS, Cognizant, Capgemini, WIPRO etc., Additionally, the institution also encourages the budding entrepreneurs to set new forum of business through Innovation and Entrepreneurship Development Centre, which is funded by Department of Science and Technology. MHRD's Institute Innovation Cell is very much active in the campus, and the Institute has been awarded for its remarkable contribution in Innovative projects by MHRD. To stand by its words, the institution with its vitalizing faculty members and energetic students work tirelessly to stand out to be better than every past and never compromise on the quality of education in the forth coming years too.

ABOUT THE DEPARTMENT

This 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, SAMEER, 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 USA, Canada and UK

DEPARTMENT 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.

DEPARTMENT 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-2020 Advanced Research and Innovations in Information and Communication Engineering is a National Conference conducted by the Department of Electronics and Communication Engineering at Sri Sai Ram Institute of Technology, Chennai.

The mission of the Conference ARICE-2020 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.

IMPORTANT DATES

Last date for paper submission (Paper with IEEE guidelines)	:	14.02.2020
Intimation for the selected papers	:	21.02.2020
Confirmation from authors	:	28.02.2020

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 PAPER

Authors are requested to submit the papers using the following link www.sairamit.edu.in/ARICE2020

REGISTRATION FEE DETAILS:

Academician	Rs. 1,000
UG/PG/Research scholars	Rs. 750 (maximum of four authors)

CALL FOR PAPERS

Computing Technologies

- Artificial Intelligence
- Machine learning for Communications
- Bio medical Computing and Bio Informatics
- Cloud, Cluster, Grid and P2P computing
- Crptography and Applied Mathematics
- Mobile Computing

Communication Technologies

- Antenna and Wave propagation
- Electromagnetic absorbers
- Cognitive Radio and Networks
- 5G systems and Beyond
- Robotics and Machine Vision
- Signal and Image Processing
- Information Theory and Coding
- MEMS technologies for Communication
- Optical Networks
- Wireless Sensor Networks
- Wireless Communications