About SASTRA Deemed University

With a humble beginning in the year 1984, SASTRA's progress in the last 36 years is a testimony to its commitment to build a University as envisaged in its guiding model. Today, SASTRA is one of India's premier institutions offering undergraduate, postgraduate & doctoral programmes in Engineering, Management, Law, Sciences, Humanities and Education. It was conferred Deemed-to-be-University status in 2001 by the University Grants Commission under Section 3 of the UGC Act 1956. SASTRA also has a MHRD-notified off-campus named Srinivasa Ramanujan Centre (SRC) at Kumbakonam.

As a comprehensive University, its teaching programmes are complemented by research engagements, consultancy assignments, training and extension activities. It had been re-accredited by NAAC (fourth cycle) with a maximum grade of 'A++' (3.76/4.00) and is a Category I Institution based on the UGC's categorization of Universities for Graded Autonomy Regulations, 2018. Twelve engineering programmes of SASTRA have been internationally accredited for a period of 9 years by the Institution of Engineering & Technology (IET), UK recognizing SASTRA's academic excellence. In the NIRF ranking, SASTRA has always been placed among the top Universities with a current position of 22 in 2022. It is also recognized as a Scientific & Industrial Research Organization by the Government of India.

IMPORTANT DATES

Last Date of Registration: 31.01.2023

REGISTRATION FEE

Faculty	-	Rs.1000
Industrial Participants	-	Rs.1000
Research Scholars	-	Rs.750
International Participants	-	USD 25

MODE OF PAYMENT : Online

PAYMENT CREDENTIALS

Will be updated soon

REGISTRATION LINK   *rb.gy/g3hn4i*

VENUE   VIDYUT VIHAR Auditorium

FOOD & ACCOMODATION

Lunch will be provided for two days. Accomodations will be provided for outstation participants on a First Come First Served basis at a nominal charge.

SASTRA

ENGINEERING · MANAGEMENT · LAW · SCIENCES · HUMANITIES · EDUCATION

DEEMED TO BE UNIVERSITY
(U/S 3 of the UGC Act,1956)

THINK MERIT | THINK TRANSPARENCY | THINK SASTRA

THANJAVUR | KUMBAKONAM | CHENNAI

School of

Electrical & Electronics Engineering

organizes

Two Day International

Workshop

on

Opportunities and Challenges in Internet of Things (IWOCIOT-2023)

02.02.2023 & 03.02.2023

Hybrid Mode

www.sastra.edu

PATRON

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Prof.S. Vaidhyasubramaniam, Vice-Chancellor, SASTRA

Prof.R. Chandramouli, Registrar, SASTRA

Prof.S. Swaminathan, Dean - Planning & Development, SASTRA

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Prof.S. Jayalalitha, Dean - Research, SASTRA

Prof.K. Thenmozhi, Dean - SEEE, SASTRA

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Prof.A. Krishnamoorthy, Associate Dean - EIE, SASTRA

Prof.K. Sridhar, Associate Dean - ECE, SASTRA

CONVENERS

Dr.N. Hemavathi, Asst.Professor, SEEE, SASTRA

Dr.R. Sriranjani, Sr.Assistant Professor, SEEE, SASTRA

Dr.A. Parvathy, Asst.Professor, SEEE, SASTRA

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VIDYUT VIHAR

About School of Electrical & Electronics Engineering (SEEE)

The School of Electrical & Electronics Engineering (SEEE) was established in the year 2003 and offers various UG and PG programmes. SEEE at SASTRA is among the leading schools of its kind in the nation, built on fundamentals of Applied Mathematics and Engineering Physics, providing multidisciplinary, systems-oriented UG and PG education and research. Students will be given the opportunity for hands-on skills facilitated by reputed faculty members in high-demand areas including Radar, Information Security, Cyber-Physical Systems, Communications, Power Systems, Control Systems, and Robotics.

The school is oriented towards imparting high-quality education using modern day effective pedagogic approaches at both UG & PG levels attracting meritorious students. The school has now built its reputation in the field of research addressing many socially related problems. The research work of the school is supported by governmental funding agencies. The quality of the research output and human resource output is improving over the years, and it is evident through the high impact factor publications and the positive employer feedback about our students.

About The Workshop

Internet of Things (IoT) is an exponential field that attracts Academicians, Researchers and Industry experts in diverse fields of Engineering. IoT intends to connect anything to any other thing which leads to visualization of smart cities, intelligent transportation, smart home, smart grid, e-health, smart factory etc. Further, IoT encompasses multi disciplinary technologies such as Sensing Technology, Wireless Connectivity, Long Range Connectivity, Internetworking, Cloud/Edge/Fog Computing, Artificial Intelligence/Machine Learning, Application Programming Interfaces, Block Chain Technologies etc. As the technologies in IoT applications are wide, ample research issues and opportunities for research aspirants exist. The objective of this workshop is to explore glimpse of research issues and the feasible synergistic solutions to cope up with the current needs of evergreen IoT.

WORKSHOP TOPICS

Research Issues in Internet of Things

Engineering the IoT

Role of Artificial Intelligence/Machine Learning

Efficient and Edge AI: The Trends and Transitions

Energy Efficiency of IoT Nodes and Networks

Examples of Device-Circuit Co-design and Simulation

Security in Internet of Things

Intrusion Detection Systems

Privacy Preserving Schemes

Emergence of Artificial Intelligence of Things

Block Chain Technologies: Opportunities and Challenges

Hands on Session on IoT Platform Development

Speakers

Prof. Subhas C. Mukhopadhyay, *Macquarie University, Australia*

Prof. Baskar Krishnamachari, *USC Viterbi School of Engineering, California, United States*

Prof. Bhavani Thuraisingham, *The University of Texas at Dallas, Texas, United States*

Prof. Anupam Chattopadhyay, *Nanyang Technological University, Singapore*

Prof. Maryam Shojaei, *Indian Institute of Technology, Bombay*

Prof. S.Sudha, *National Institute of Technology, Trichy*

Prof. Sudeep Tanwar, *Nirma University, India & Jan Wyzykowski University, Poland*

Prof. Poonam Chaudhary, *The NorthCap University, Haryana*

Dr. C.Pethururaj, *Reliance Jio Platforms Ltd, Bangalore*

Mr. D.S.M.Ranjith Kumar, *Bevywise Networks, Bangalore*

Prof. K.R.M.Vijaya Chandrakala, *Amrita Vishwa Vidyapeetham, Coimbatore*

Prof. P.Saveetha, *Anna University, Chennai*

Prof. A.Balaji Ganesh, *Anna University, Chennai*