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Third International Conference on Smart Technologies and Systems for Next Generation Computing (ICSTSN 2024)

18th -19th July, 2024

HYBRID MODE:PHYSICAL AND ONLINE

Conference Record No:61422

Theme
Smart Technologies and Systems

Organized by

IFET COLLEGE OF ENGINEERING
(AN AUTONOMOUS INSTITUTION)
Gangarampalayam, IFET Nagar, Villupuram-605108
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About the College

IFET College of Engineering, which has emerged as an autonomous Institution of repute, was established in the year 1998 under the aegis of Indo French Educational Trust. The college has gained high reputation in the society through its academic excellence and placement records and is located at Villupuram, Tamilnadu. The institution is affiliated to Anna University and has been accredited by NAAC and NBA. The college is also recognized by UGC under 2(f) and 12(b) status. The college presently offers 9 UG programmes in the discipline of CSE, CSE (Cyber Security), ECE, EEE, IT, Mechanical, Civil Engineering, AI&DS and AI&ML, 3 PG programmes in the specialization of CSE, Applied Electronics and MBA. Recognized Research Centers by Anna University conduct Ph.D programmes for the department of ECE. IFET stands with pride in receiving the best college rank as rated by the "India Today" survey in 2019. The trust has taken sufficient steps in achieving its vision under the professional and vibrant stewardship of Mr.K.V.Raja, Chairman, Mr.K.Shivram Alva, Secretary and Mr.R.Vimal Treasurer. This sprawling campus provides a holistic education in an ambience that makes no compromise on discipline, dedication and commitment. IFET has a phenomenal infrastructure, well defined-educational system and qualified faculty to mould Engineers of high quality on par with the International standards. Realizing that Research and Development is a key factor which fosters innovation, avenues to create a research atmosphere to meet global challenges are implemented in the institution. Students and Faculty are encouraged to publish their research work in journals and conferences of repute.

About ICSTSN 2024

International conference on "Smart Technologies and Systems for Next Generation Computing" has been convened to highlight all technical and practical aspects of Smart Technologies. The theme of the conference will foster an environment to create a conglomerate of professionals from academia and industry and focus on understanding the recent developments in this arena. This conference is aimed to bring out the current trends in global research, recent developments, challenges and emerging technologies in the field of Information and Communication. This also describes significant advances in the areas of Smart Technologies which finds applications in diverse domains. The final outcome is bound to improve the knowledge and understanding of latest technologies from a production perspective and establish new collaborations.

Conference Tracks

Computing
- Sensor networks
- Grid Computing/Cloud Computing
- DNA Computing
- Artificial Intelligence, Machine Learning and Deep Learning
- Big Data/IoT
- Bioinformatics and Scientific Computing
- Computer Graphics & Virtual Reality
- Computer-aided Design/Manufacturing
- Data Mining/Expert Systems
- Multimedia Applications
- Security & Cryptography
- Pattern recognition
- Security & Privacy in Smart Systems
- Block Chain Technology
- Green Communications and Energy Efficiency

Circuit & Design
- VLSI Applications (Communications, Video, Security, Sensor Networks, etc)
- Smart Cards
- Nano Electronics/Devices
- Opto-Electronic Structures/Devices
- Nanophotonics
- Smart Antennas/Solar Systems
- Modulation and Coding Techniques
- Propagation and Computational EM
- 4G, 5G and 6G Technologies/Ubiquitous Computing
- Augmented and Virtual Reality
- Biomedical Circuits and Healthcare Systems
- Medical Image Analysis/Audio/Speech Processing and Coding

Power
- Forecast and Power Management Micro Grid
- Soft Computing Applications in Power Systems
- Power System Modelling & Control
- FACTS Devices - Applications in Power System
- Switchgear and Protection
- Smart Energy Distribution and Management System
- Sustainable and Energy Efficient Computing Model

Other Technologies (OT)
- Mathematical applications in smart computing and intelligence systems.
- Humanitarian Technologies
- Biological and Environmental Sciences
- Applications of Nano-crystals in Engineering applications
- Semiconductor Nano-crystals
- Robotics and Control
- Instrumentation and Automation
- Diagnosis and sensing systems
- Nano Technology and MEMS
- Non-destructive technology
- Smart building and Home Automation
- Smart Mobility Monitoring and control
- Smart Farming/Remote sensing
- Genome Analytics

Submission
Author Instructions

Paper Submission Guidelines
- The original unpublished manuscripts having maximum length of 6 pages on the topics related to the theme of the conference are invited for presentation/publication in the conference proceedings.
- Kindly ensure that the paper is formatted as per template (not exceeding 6 pages) single spaced double-column pages (IEEE Conference style) including authors' affiliations, figures and references.
- All submissions will undergo a double-blind peer review by peer reviewer based on originality, significance, quality of results.
- Tables should be numbered in sequence starting from 1 and must be duly cited / referred within the text.
- At least one author of an accepted paper must register and present his/her paper in conference.
- The IEEE anti-Plagiarism policy is applicable to all submissions. If any copyrighted content is used, permission log is required from the copyright holder
- Additional pages per paper above limit will be charged.
- All papers must be submitted online via Microsoft CMT submission system using link: https://cmt3.research.microsoft.com/ICSTSN2024.

Paper Publication

All accepted and presented papers will be published in conference proceedings and will be eligible for submission to be included in IEEE Xplore Digital Library.

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	Indian(₹)	Foreigner(USD)	Indian(₹)	Foreigner(USD)
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Faculty Author	7000	150	7500	175
Industry and Others	7500	150	8000	175

IMPORTANT DATES

Events	Starts	Closes
Deadline for Full paper submission	02nd March 2024	30th April 2024
Notification of Acceptance	10th May 2024	
Deadline for Camera Ready Manuscript Submission	12th June 2024	
Deadline for Authors' Registration	20th June 2024	
Conference Dates	18th July & 19th July 2024	