

IEEE INTERNATIONAL CONFERENCE ON COMMUNICATION, COMPUTING & SIGNAL PROCESSING IICCCS-2024

Technically Co-sponsored by IEEE Kolkata Section



Chief Patrons

- Sardar Taranjit Singh, MD, JIS Group
- Mr. Tapan Kumar Ghosh, Director, AEC

Patrons

- Mr. Shankar Biswas, Joint Director, JIS Group
- Prof. Gourisankar Panda, AEC, Vice-Principal, AEC

Programme Chair

- Prof. Mrinal Kanti Mandal, IIT KGP
- Prof. Chittajit Sarkar, ECE, AEC

International Advisory committee

- Dr. Goutam Chattopadhyaya, NASA Jet Propulsion Lab, USA
- Prof. Yahia M. Antar, Royal Military College of Canada
- Dr. Ajay K. Poddar, Synergy Microwave Corporation, Paterson, USA
- Prof. Jawad Siddiqui, Queen's University, Kingston, Canada
- Prof. Sajal Biring, Ming Chi University, Taiwan
- Prof. Chia-Hao Ku, Ming Chi University, Taiwan
- Prof. Kai Chen, Victoria University of Wellington, New Zealand
- Prof. Shital Das, Technology Lead, Fortum Power and Heat Oy Finland
- Prof. Kiran Sankar Maiti, Max-Planck-Institute, Germany
- Prof. Susmita Roy, Technical University of Munich, Germany
- Dr. Goutam Kumar Dalapati, CEO at Sunkonnect Pte Ltd, Singapore

National Advisory committee

- Prof. Ajoy Kumar Ray, Padma Shri, Director of JISIASR
- Prof. Debatosh Guha, IRPE, Calcutta University
- Prof. Nikhil Ranjan Das, IRPE, Calcutta University
- Prof. Bhaskar Gupta, Jadavpur University
- Prof. Suparna Kar Chowdhury, Jadavpur University
- Prof. Susanta Parui, IEST, Shibpur
- Prof. Sushrut Das, IIT (ISM) Dhanbad
- Prof. Ashudev Dutta, IIT Hyderabad
- Prof. Sumanta Gupta, IIT Patna
- Prof. Kaushik Mitra, IIT Chennai
- Prof. Chinmoy Saha, Dept. Avionics, IIST
- Dr. Chandrakanta Kumar, ISRO Satellite Centre
- Dr. Tirtha Pratim Das, ISRO Headquarters, Bengaluru
- Prof. Somak Bhattacharjee, IIT BHU
- Dr. Satyajit Chakraborty, SAMEER Kolkata
- Prof. Bhola Nath Pal, IIT BHU
- Prof. Pradip Paik, IIT BHU
- Prof. Debdeep Sarkar, IISc Bangalore, India
- Prof. Monotosh Biswas, Jadavpur University
- Prof. Rowdra Ghatak, NIT, Durgapur
- Prof. A.K Bhattacharjee, NIT, Durgapur
- Prof. Sujit Kr. Mandal, NIT, Durgapur
- Prof. Arindam Biswas, Kazi Nazrul University
- Dr. Debatri Chatterjee, Senior Scientist, TCS Research, TSC.
- Prof. Susanta Ray, Jadavpur University
- Prof. Jadav Chandra Das, MAKAUT
- Prof. Anup Dandapat, NIT, Meghalaya
- Prof. Atanu Kundu, HIT Kolkata
- Prof. Tridibesh Nag, NSEC, Kolkata
- Prof. Koushik Dutta, NSEC, Kolkata

Technical Committee

- Prof. Ashmi Chakraborty, AEC
- Prof. Chiranjib Goswami, AEC
- Prof. Rupam Das, AEC
- Prof. Shiv Charan Puri, AEC
- Prof. Saswata Chakraborty, AEC
- Prof. Khushi Banerjee, AEC
- Prof. Sujit Goswami, AEC
- Prof. Sumanta Karmakar, AEC
- Prof. Prajit Paul, AEC
- Prof. Biplab Bhowmick, AEC
- Prof. Soumen Sen, AEC
- Prof. Swati Bhattacharjee, AEC
- Prof. Gurjeet Singh, AEC
- Prof. Intekhab Hussain, AEC
- Prof. Sumitra Bhattacharyya, AEC
- Prof. Jay Bandopadhyay, AEC
- Prof. Karuna Nandi, AEC
- Prof. Subhamay Bhattacharyya, AEC
- Prof. Manas Kumar Dutta, AEC

ORGANIZED BY DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING ASANSOL ENGINEERING COLLEGE, ASANSOL, WEST BENGAL, INDIA

The IICCCS - 2024 conference aims to bring together researchers, academicians, scholars and experts from various backgrounds and application areas in engineering and sciences. The conference will emphasize on promoting a high level of interaction between the theoretical, experimental and applied communities, so as to achieve exchange of ideas in new and emerging areas of engineering and sciences. Authors can submit their papers on topics that include, but are not limited to the following.

ALL ACCEPTED AND PRESENTED PAPERS WILL BE PUBLISHED IN
IEEE Xplore®

I. COMMUNICATION TRACK

- COMMUNICATION THEORY
- INFORMATION THEORY & CODING
- WIRELESS MOBILE & VEHICULAR COMMUNICATION
- SATELLITE COMMUNICATION
- TELECOMMUNICATION NETWORKS
- COOPERATIVE, DEVICE TO DEVICE AND MULTI-HOP COMMUNICATION
- GREEN COMMUNICATION
- COGNITIVE RADIO, OPTICAL COMM & NETWORKS
- MIMO, MASSIVE MIMO AND CLOUD RAN
- CHANNEL MODELLING CHARACTERIZATION AND ESTIMATION
- MODULATION, CODING DIVERSITY, EQUALIZATION, AND SYNCHRONIZATION
- SMART GRID COMMUNICATION
- ANTENNA THEORY & TECHNIQUE
- MICROWAVE FILTERS, OSCILLATOR AND AMPLIFIERS
- TERAHERTZ SYSTEM, RF NANOTECHNOLOGY
- METAMATERIALS
- EBG, FSS APPLICATIONS IN ANTENNA AND MICROWAVE
- BIO-ELECTROMAGNETICS
- MICROWAVE IMAGING AND DIAGNOSTICS
- RF ANTENNAS FOR SPACE TECHNOLOGY

II. COMPUTING TRACK

- LINEAR AND NONLINEAR OPTIMIZATION
- COMBINATORIAL OPTIMIZATION
- STOCHASTIC OPTIMIZATION
- DYNAMIC OPTIMIZATION
- FUZZY OPTIMIZATION
- OPTIMAL CONTROL THEORY
- MULTI-OBJECTIVE OPTIMIZATION
- EVOLUTIONARY AND BIO-INSPIRED OPTIMIZATION
- INTELLIGENT INFORMATION AND TECHNOLOGY
- GAME THEORY
- IMAGE PROCESSING
- GREEN COMPUTING
- UBIQUITOUS COMPUTING AND APPLICATION
- CLOUD COMPUTING
- INTERNET OF THINGS (IoT)

III. DEVICE AND SIGNAL PROCESSING TRACK

- IMAGE & VIDEO SIGNAL PROCESSING,
- MEDICAL IMAGING,
- DSP ALGORITHMS & ARCHITECTURES,
- PATTERN ANALYSIS & CLASSIFICATION,
- LARGE DIMENSIONAL SIGNAL PROCESSING,
- COMPRESSIVE SENSING,
- STATISTICAL SIGNAL PROCESSING,
- SIGNAL PROCESSING FOR BIG DATA,
- ADAPTIVE SIGNAL PROCESSING,
- BIOMEDICAL/GENOMIC SIGNAL & IMAGE PROCESSING, GEOPHYSICAL / RADAR / SONAR/OPTICAL/ SMART SENSOR SIGNAL PROCESSING,
- ANALOG/DIGITAL AND MIXED SIGNAL CIRCUITS AND SYSTEMS;
- LOW POWER CIRCUITS AND SYSTEMS, MEMS; DEVICE TECHNOLOGY, MODELLING AND SIMULATION;
- DEVICES AND CIRCUITS FOR RF COMMUNICATION;
- VLSI FOR BIOMEDICAL SIGNAL PROCESSING.

For details, please visit the website: <https://iicccs-aec-ece-home-page.vercel.app/>

Authors are invited to submit their unpublished and original research papers in IEEE double-column (submitted paper should not exceed 6 pages including illustrations, results, references) in pdf format through online submission <https://cmt3.research.microsoft.com/IICCCS2024>

IMPORTANT DATES

COMMENCEMENT OF PAPER SUBMISSION: 28.03.2024
FULL LENGTH PAPER SUBMISSION DEADLINE: 30.06.2024
NOTIFICATION OF ACCEPTANCE: 05.08.2024

CAMERA READY MANUSCRIPT: 20.08.2024
COMMENCEMENT OF EARLY BIRD REGISTRATION: 20.08.2024
EARLY BIRD REGISTRATION DEADLINE: 10.09.2024

COMMENCEMENT OF REGULAR REGISTRATION: 11.09.2024
REGULAR REGISTRATION DEADLINE: 17.09.2024
CONFERENCE DATES: 19-20 SEPTEMBER 2024.

CATEGORIES	EARLY BIRD		REGULAR	
INDIAN AUTHORS	IEEE Member	Non - IEEE Member	IEEE Member	Non - IEEE Member
Student / Research Scholars	₹ 5,000	₹ 6,000	₹ 6,000	₹ 7,000
Academicians	₹ 7,000	₹ 8,000	₹ 8,000	₹ 9,000
Industry Professionals	₹ 10,000	₹ 11,000	₹ 11,000	₹ 12,000
FOREIGN AUTHORS	IEEE Member	Non - IEEE Member	IEEE Member	Non - IEEE Member
Student / Research Scholars	\$ 80	\$ 100	\$ 100	\$ 120
Academicians	\$ 125	\$ 150	\$ 145	\$ 170
Industry Professionals	\$ 150	\$ 170	\$ 170	\$ 190

Contact : Prof. Chittajit Sarkar | Prof. Chiranjib Goswami | Prof. Sumanta Karmakar
+91 84203 05890 | +91 94743 75054 | +91 79087 95060 |
Email:- sb.ieee.aec@gmail.com