

MICROWAVE, OPTICAL AND COMMUNICATION ENGINEERING

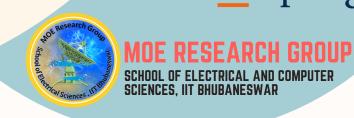
TECHNICAL CO-SPONSORS



KOLKATA SECTION AND BHUBANESWAR SUB SECTION



23-25 MAY 2025



ORGANIZED BY

SCHOOL OF ELECTRICAL AND COMPUTER SCIENCES IIT BHUBANESWAR, ODISHA, INDIA

CONTACT US

- cmoce2025@iitbbs.ac.in
- https://conference.iitbbs.ac.in/icmoce2025/
- 🕖 +91 674 7135738/6189/6153 💽 IIT Bhubaneswar, Arugul, Khurdha, Odisha, India

IMPORTANT DATES Paper Submission Opening 15-JUL-2024 **Last Date for Submission** 28-FEB-2025 **Notification of Acceptance** 21-APR-2025 Last date for camera ready paper 01-MAY-2025 Last date of author registration 10-MAY-2025 Last date of author registration 10-MAY-2025 **Conference Date**

23-25 May 2025

Dr. Prasant Kumar Sahu & Dr. Shailendra

Dr. Rajan Jha, & Dr. Prasant Kumar Sahu

Dr. Pravas Ranjan Sahu, & Dr. Siddartha

Dr. Debapratim Ghosh, & Dr. Debalina Ghosh

General Chair:

Dr. Debalina Ghosh

Technical Program Chairs:

Kumar Varshney

Optical Track Chairs:

Borkotoky

Microwave Track Chairs:

Communication Track Chairs:

Prof. Brian Cullum

- The extended abstracts of the accepted and presented papers will be included in the conference
- Additionally, the interested authors can opt to include their work either in the IEEE Xplore or in the Springer Lecture Note Series. Kindly choose one option during paper submission. Only papers presented in the conference will be considered for publication.
- Option A: The peer reviewed papers will be considered for submission to IEEE for possible inclusion in the IEEE Xplore following IEEE procedure.
- Option B: The peer reviewed and selected papers will be forwarded for possible inclusion as proceedings with Springer in their prestigious "Lecture Notes in Electrical Engineering" series.
- Paper considered for publication in Springer will not be sent to IEEE Xplorer and vice versa.



- Antennas
- Radar and Navigation
- Remote Sensing
- Radar Signal Processing
- Microwave in Bio-Medical Application
- Electromagnetics & Materials Meta Materials
 - Computational & Numerical Techniques
 - Any other Relevant Topics



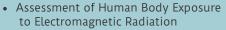
- Optical Communication
- Optical Networks
- Optical Signal Processing
- Optical Sensors
- Optical Remote Sensing
- LiDAR
- Free Space Optics
- Any other Relevant Topics

COMMUNICAT

- Wireless Communication
- Coding & Diversity Techniques Applications of Signal Processing
- Modulation Schemes
- Multiple Access Techniques
- 5G/6G Development
- · Cognitive Radio & Spectrum Sensing
- Software Defined Radio

- Any other Relevant Topics

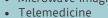
SPECIAL SESSION: BIOSENSING



Any other Relevant Topics

for Healthcare Microwave Imaging

Biomedical Technologies





SPECIAL SESSION: DATA SCIENCE AND AI

- Pattern recognition
- Computer Vision
- Natural Language Processing,
- Blockchain Technology
- Data Analytics in 4G, 5G &6G Any other Relevant Topics Communication
- AI in healthcare/life sciences
- Al for earth systems decision support
- Al in transportation/aerospace

ORGANIZING COMMITTEE

Biosensing Track Chairs:

Dr. Niladri Bihari Puhan & Dr. Himanshu Pramod Padole

Data Science and Al Track Chairs:

Dr. Manoranjan Satpathy & Dr. Abhik Jana

Publicity Chairs:

Dr. Anoop Thomas, Dr. Sayan Dey & Dr. Navjeet Bagga

IEEE Region 10 Outreach Chairs:

Dr. Subhranshu R Samantaray

Local Arrangements Chairs:

Dr. Barathram Ramkumar & Dr. Soumya P. Das

Publications Chair:

Dr. Debalina Ghosh

Finance Chair:

Dr. Prasant Kumar Sahu

Social Programs and Hospitality Chairs:

Dr. Akshay K. & Dr. Atri Mukhopadhyay

ADVISORY COMMITTEE

Prof. Dharmendra Singh IIT Roorkee, India

Prof. Animesh Biswas IIT Kanpur, India

Prof. Partha Roop University of Auckland, New Zealand

Prof. Parthasarathi Chakrabarti IIT Bhu, India

Prof. A R Harish IIT Kanpur

Prof. Vikram Gadre IIT Bombay

Prof. Krishnamachar Prasad Auckland University of Technology,

Prof. Debashis Gosh **IIT Roorkee**

Prof. Rohit Sinha IIT Guwahati

Prof. Arun Somani College of Engineering Iowa State University



Prof. Yeon Ho CHUNG Pukyong

University of Maryland Baltimore County, USA

National University, Korea (South)

Prof. Christophe Peucheret University of Renes1, France

Prof. Xiaoying Zhuang Leibniz University Hannover, Germany

Prof. Abhirup Das Barman Dept. of Radio Physics & Electronics, CU. India