



4th International conference on **MICROWAVE, OPTICAL AND COMMUNICATION ENGINEERING**

TECHNICAL CO-SPONSORS



BHUBANESWAR SECTION

**21-23
MAY 2027**



MOE RESEARCH GROUP

SCHOOL OF ELECTRICAL AND COMPUTER
SCIENCES, IIT BHUBANESWAR

ORGANIZED BY

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

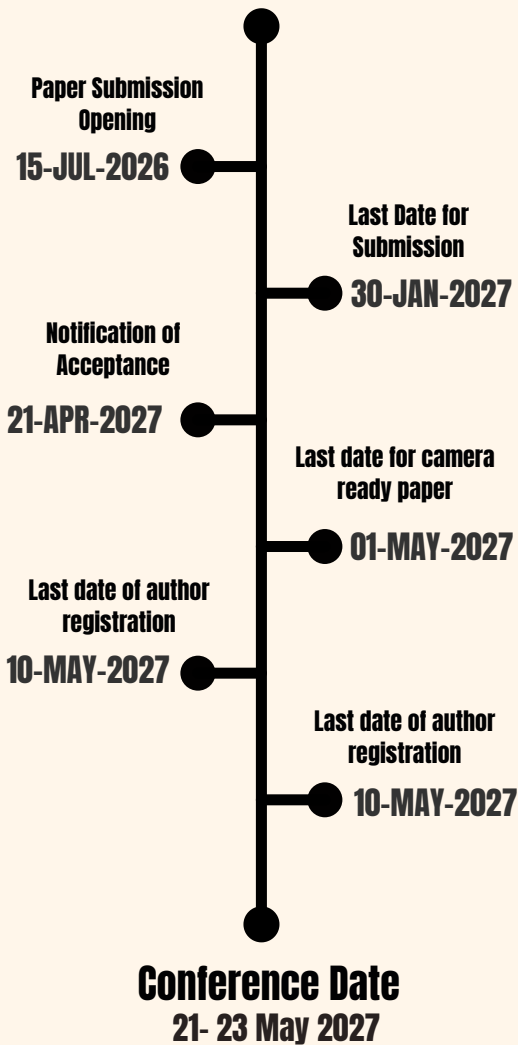
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IMPORTANT DATES



General Chair:

Dr. Debalina Ghosh

Technical Program Chairs:

Dr. Prasant Kumar Sahu

Microwave Track Chairs:

Dr. Debapratim Ghosh, & Dr. Debalina Ghosh

Optical Track Chairs:

Dr. Rajan Jha, & Dr. Prasant Kumar Sahu

Communication Track Chairs:

Dr. Pravas Ranjan Sahu, & Dr. Siddhartha Borkotoky

Prof. Brian Cullum
University of Maryland Baltimore County, USA

Prof. Yeon Ho CHUNG Pukyong
National University, Korea (South)

Prof. Senthil Murugan Ganapathy
University of Southampton, UK

Prof. Xiaoying Zhuang
Leibniz University Hannover, Germany

Prof. N N Murty
IIT Tirupati

PUBLICATIONS

- The extended abstracts of the accepted and presented papers will be included in the conference proceedings.
- The peer reviewed papers will be considered for submission to IEEE for possible inclusion in the IEEE Xplore following IEEE procedure.

CALL FOR PAPER MICROWAVE



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

OPTICAL ENGG



- Optical Fiber Technology
- Optical Communication
- Optical AI
- Optical Signal Processing
- Optical Sensors & Remote Sensing
- Optoelectronics & Material Photonics
- LiDAR
- Free Space Optics
- Any other Relevant Topics
- Quantum Photonics

COMMUNICATION



- Wireless Communication
- Coding & Diversity Techniques
- Modulation Schemes
- Multiple Access Techniques
- 5G/6G Development
- IoT & Applications
- Cognitive Radio & Spectrum Sensing
- Applications of Signal Processing
- Software Defined Radio
- Cyber Security
- Any other Relevant Topics

SPECIAL SESSION: BIOSENSING



- Biomedical Technologies for Healthcare
- Microwave Imaging
- Telemedicine
- Assessment of Human Body Exposure to Electromagnetic Radiation
- Medical Device & Instrumentation
- Any other Relevant Topics

SPECIAL SESSION: DATA SCIENCE AND AI



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

ORGANIZING COMMITTEE

Biosensing Track Chairs:

Dr. Niladri Bihari Puhon & Dr. Himanshu Pramod Padole

Data Science and AI Track Chairs:

Dr. B N Patnaik, NIT Raipur

Publicity Chairs:

Dr. Sayan Dey & Dr. Navjeet Bagga

IEEE Region 10 Outreach Chairs:

Dr. Subhranshu R Samantaray

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Dr. Barathram Ramkumar & Dr. Soumya P. Das

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