



7th IEEE International  
Conference on

## Recent Advances and Innovations in Engineering

**1-3 DECEMBER  
2022**

**Record #56454**



**Venue**

National Institute of Technology  
Karnataka, Surathkal, Mangalore, India

**Hybrid mode  
(In-person and Virtual)**

**Research Track**

**Electronics &  
Communication Engineering**

Wireless Communication & Networks  
Digital Electronics  
Digital Signal Processing  
Microwave Photonics  
Nanophotonic devices  
Optical Sensors  
Microprocessor Based Technologies  
Radio Frequency IC's  
Remote Sensing and Satellite  
Communications  
Smart Antennas and wave Propagation  
EMI and EMC Technology  
Radar Technology  
Microwave Remote Sensing  
Wireless Sensor Networks  
VLSI, VHDL & Chip Level Design  
Ubiquitous Computing  
CAD Technology, and Simulation  
Modulation Techniques  
Error Control Coding and Information  
Theory  
Optical Communications  
Real Time Embedded Systems  
Computer Networks  
Sensors for intelligent manufacturing  
Nanoelectronics and Quantum  
Computing  
Cognitive Radio Networks  
Industrial Electronics and Automations  
Software Technology in  
Communication Engineering, Power  
Economic  
System-On-Chip (SOC)  
Signals and Systems  
Mechatronics  
Information Theory and Coding  
Software Defined Networks  
ICT for Healthcare  
Vehicular Electronics

**Social Media**



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**Important Dates**



- Full Paper Deadline Submission  
August 15, 2022 (Hard deadline)
- Acceptance Notification  
September 15, 2022
- Camera Ready  
October 10, 2022
- Early Registration  
October 15, 2022
- Final Registration  
October 31, 2022

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### REGISTRATION FEES

Student: - \$75//₹4000(IEEE)

\$100//₹5500(NON-IEEE)

Academia: - \$125//₹6500(IEEE)

\$150//₹8000(NON-IEEE)

Industry: - \$150//₹7500(IEEE)

\$180//₹9000(NON-IEEE)

### Computer Science/Information Technology

Artificial Intelligence  
Neural Networks  
Genetic Algorithms  
Automated Software Engineering  
Computational Intelligence  
Advance Computer Architecture  
Computer and Mathematical Modeling  
Mobile and Pervasive Computing  
Optimization Techniques  
Computer Aided Design and Automation  
Robotics & Control Systems  
Fuzzy Systems and Soft Computing  
Security and Cryptography  
Natural Language Processing  
Reconfigurable Computing  
Information and Knowledge  
Management  
Parallel and Distributed Computing  
High Performance Computing  
Data Mining & Warehousing  
Database Management Systems  
Expert System & its Application  
Multimedia Information Processing and  
Retrieval  
Computational Intelligence  
Big Data and E-Science Applications  
Internet-of-Things (IOT)  
Modern Database Theory And  
Implementation Techniques  
Quantum Computing  
Blockchain Technology  
Speech Processing  
Image Processing  
Signal processing  
Pattern Recognition  
Computer Networks  
Cloud Computing  
Social Media Analytics  
Federated Learning  
Explainable AI  
Machine Learning  
Algorithms  
Theoretical Computer Science  
Underwater Signal Processing

### Electrical Engineering

Advances of Renewable Energy Sources &  
Electrical  
Drives  
Green Computing  
Power System Stability & Control  
Smart & Micro Grid  
Integration issues in Conventional and  
Renewable  
Power Generation  
Load Management  
Wireless power Transmission  
Hybrid Electrical Vehicles  
Power Quality  
Control Systems  
Energy Efficiency & Audit  
Intelligent Machine & Control  
High Voltage AC and DC  
Generation Transmission & Distribution  
issues  
Locomotives  
Power Electronics Drives & Control  
Power System Control & Optimization  
Computer Algorithms  
SCADA  
Power line communication networks  
High Voltage Engineering and Insulation  
Technologies  
Electrical Machines Power  
Lightning Detection and Protection  
Power Economic  
Electrical Measurements  
Network & Coupled Circuits  
Micro-Grid Issues



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