



#### 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 Al Machine Learning **Algorithms** Theoretical Computer Science Underwater Signal Processing

## https://icraie.nitk.ac.in/

#### 7th IEEE International Conference on

# **Recent Advances** and Innovations in **Engineering**

## 1-3 DECEMBER 2022

## Record #56454



National Institute of Technology Karnataka, Surathkal, Mangalore, India

## 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** 

#### Social Media

Vehicular Electronics





in <u>ieee-nitk-surathkal</u>

#### In association with

### Organised by





## **Important Dates**



- **Full Paper Deadline Submission** July 15, 2022
- **Acceptance Notification** September 15, 2022
- Camera Ready October 10, 2022
- **Early Registration** October 15, 2022
- **Final Registration** October 31, 2022

The proceedings of ICRAIE 2022 will be eligible for inclusion in the IEEE Xplore® Digital Library once they meet the requirements of an

All indexed papers by IEEE Xplore®
Digital Library will be normally indexed in SCOPUS database

## **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 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













0824 2473401

0824 2473153