



3rd International Conference

on

Intelligent Computing Techniques for Smart Energy Systems (ICTSES-2023)

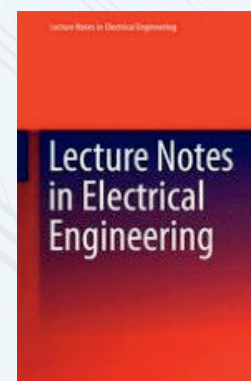
December 14-15, 2023

School of Electrical, Electronics & Communication Engineering
Manipal University Jaipur

In association with

National Institute of Technology, Uttarakhand
Malaviya National Institute of Technology, Jaipur
Indian Institute of Information Technology, Ranchi

Publication Partner



COMMITTEE

CHIEF PATRON

- S. Vaitheeswaran, Chairperson, Manipal University Jaipur

PATRONS

- G. K. Prabhu, President, Manipal University Jaipur
- Lalit Kumar Awasthi, Director, NIT, Uttarakhand
- Narayana Prasad Padhy, Director, MNIT, Jaipur
- Vishnu Priye, Director, IIIT, Ranchi

CO-PATRONS

- Thammiah CS, Pro President, Manipal University Jaipur
- Nitu Bhatnagar, Registrar, Manipal University Jaipur

HONORARY CHAIRS

- Arun Shanbhag, Dean (FoE), Manipal University Jaipur
- Amit Soni, Director (SEEC), Manipal University Jaipur
- Dharmendra Tripathi, Dean (SW), NIT, Uttarakhand

TECHNICAL PROGRAM CHAIRS

- Manish Tiwari, HoD (ECE), Manipal University Jaipur
- Amit Saraswat, HoD (EE), Manipal University Jaipur
- Shashi Kant Sharma, IIIT, Ranchi
- Anil Swarnkar, EE, MNIT, Jaipur
- K. R. Niazi, EE, MNIT, Jaipur
- Jagrati Sahariya, NIT, Uttarakhand
- Rakesh K. Mishra, NIT, Uttarakhand
- Pankaj Pal, NIT, Uttarakhand
- Santosh Vishwakarma, HoD, (AI&ML) Manipal University Jaipur

INDUSTRY CHAIRS

- Anukram Mishra, CTO, Metering Solutions, Genus Power, Jaipur
- Yash Vardhan Varshney, General Manager, Product Innovatio Speedlabs, Mumbai
- Ankur Sangal, Technical Lead, HCL Tech, Noida
- Nilesh Ranpura, Director Engineering-ASIC, elnfochip, Ahmedabad

CONVENERS

- Shilpi Birla, Manipal University Jaipur
- Neha Singh, Manipal University Jaipur
- Samarendra Pratap Singh, Manipal University Jaipur

FINANCE CHAIRS

- Chandra Prakash Gupta, Manipal University Jaipur
- Vishnu Goyal, Manipal University Jaipur

PUBLICITY CHAIRS

- Madhuri Sahal, Manipal University Jaipur
- Satyanarayan Agarwal, Manipal University Jaipur
- Vikas Bordak, Manipal University Jaipur
- Ankur Saharia, Manipal University Jaipur
- Divya Rishi Shrivastava, Manipal University Jaipur
- Himanshu Priyadarshi, Manipal University Jaipur
- Vinay Kumar Gupta, Manipal University Jaipur

REGISTRATION CHAIRS

- Deepika Bansal, Manipal University Jaipur
- Abhishek Kumar, Manipal University Jaipur
- Prashant Povel Dwivedi, Manipal University Jaipur
- Chusen Duari, Manipal University Jaipur

HOSPITALITY CHAIRS

- Mohit Kumar Sharma, Manipal University Jaipur
- Ritesh Singh, Manipal University Jaipur
- Vishal Das, Manipal University Jaipur
- Ashish Vijay, Manipal University Jaipur
- Peeyush Garg, Manipal University Jaipur
- Rohit Mathur, Manipal University Jaipur
- S. Das Mahapatra, Manipal University Jaipur

ORGANIZING SECRETARIES

- Amit Rathi, Manipal University Jaipur
- Sunil Kumar Goyal, Manipal University Jaipur
- Jitendra Kumar Mishra, IIIT, Ranchi
- Santosh Kumar Mahto, IIIT, Ranchi
- Nishit Malviya, IIIT, Ranchi
- Renu Kumawat, Manipal University Jaipur
- Tarun Kumar Dubey, Manipal University Jaipur
- Himanshu Chaudhary, Manipal University Jaipur
- Kulwant Singh, Manipal University Jaipur
- Abhishek Srivastava, Manipal University Jaipur
- Manish Thukral, Manipal University Jaipur
- Neetu, Manipal University Jaipur
- Dinesh Yadav, Manipal University Jaipur
- Tejpal, Manipal University Jaipur
- Neeraj Kanwar, Manipal University Jaipur
- Vinod Yadav, NIT, Uttarakhand
- Mahipal Bhukya, MIT Bengaluru, India
- Varun Tiwari, Manipal University Jaipur
- Kusum Sharma, NIT Uttarakhand
- Rampal Pandey, NIT Uttarakhand



CALL FOR PAPERS

TRACK 1 : ELECTRICAL ENGINEERING

- Smart Grid: Design & Engineering
- Computer Applications in Power Systems
- Configurable & Modular Power Electronics
- Micro Grid: Modeling & Simulation
- Power System Operation & Control
- Energy Regulation & Markets
- Deregulation & Energy Pricing
- Renewable Energy Integration
- Hybrid Energy Systems
- Advance Solar PV Materials
- Solar PV Energy Systems
- Electric Vehicle Technology
- Energy Efficient Infrastructure
- Smart City & Case Studies
- Data Centre Enabled Technologies
- Energy-saving & Green IoT applications
- Home Automation/Industry Automation
- Cyber Security for Critical Energy Infrastructure
- Cyber Security for Power Grids
- Power & Applied Electronics

TRACK 3 : COMMUNICATION TECHNOLOGIES

- Digital Communication Technologies
- Satellite Communication Technologies
- Wireless Network Communication Technologies
- Mobile Communication
- Mobile Ad-hoc Networks
- 5G Communication & Networks
- Green Communication Systems
- Network & Information Security Techniques
- Multimedia Communication Frameworks
- Microwave Communication Networks & Technologies
- Antenna Design
- Optical Communication
- Remote Sensing Technologies
- Space Communications
- Sensing & Sensor Technologies
- Cognitive Radio & White-Space Networking
- Adaptive Signal Processing
- Cyber Security

TRACK 5: FLEXIBLE AND PRINTED ELECTRONICS

- Flexible Electronics: Devices, Systems, and Applications
- Flexible electronic materials
- Printed and molecular electronics
- Flexible Sensors and Biosensors
- Textile Electronics
- Flexible Batteries
- Flexible Energy Harvesting Devices
- Flexible RF Structures for Next Generation of Wireless Applications
- Wearable antennas and systems
- Signal processing of flexible electronics
- Flexible Electronics for the Automotive Industry

TRACK : 2 ELECTRONICS ENGINEERING

- Nanoelectronics Circuits
- Nanodevices
- Microelectronic Circuits
- Semiconductor Technologies
- Real-time Embedded Systems
- Processors & Architectures
- Cognitive Electronics
- Nanomaterials
- Advanced VLSI systems
- Advanced Computer Architectures
- Nanoparticles Synthesis & Applications
- Carbon Nanostructure & Devices
- Nano Electronics
- Photonics
- Spin-Electronics
- Quantum Electronics
- Low Power Electronics
- Biomedical Electronics
- Verification and Testing of VLSI Circuits
- Robotics

TRACK 4: COMPUTING TECHNIQUES

- System-level Design & Simulation Techniques for Embedded Systems
- Power-Aware Design & Computing
- Embedded Systems & its Applications
- Networked Sensor Devices & Systems
- Multicore & SoC-based Embedded systems and applications
- Middleware & Virtual Machines in Embedded Systems
- Big Data Application in Power Systems
- OS & RTOS for Embedded Systems, Safety-critical Embedded Systems
- GPU computing in Embedded Systems applications
- Reliability in Embedded Computing & Systems
- Multimedia in Embedded Systems
- Artificial Intelligence & Expert Systems.
- Neural Network & its Applications
- Machine Learning
- Internet of Things



ABOUT MANIPAL UNIVERSITY JAIPUR

Manipal University Jaipur (MUJ) was launched in 2011 on an invitation from the Government of Rajasthan, as a self-financed State University. **MUJ** has redefined academic excellence in the region, with the **Manipal** way of learning; one that inspires students of all disciplines to learn and innovate through hands on practical experience. **Manipal University Jaipur (Rajasthan)** has been established by an Act (No. 21 of 2011) of State Legislature of Rajasthan as a State Private University as specified by the UGC under section 22 of the UGC Act 1956.

ABOUT CONFERENCE

In today's world, intelligent computing has found applications in almost every research domain. So, keeping in view the needs and demand of the intelligent computing.

First International Conference on "**Intelligent Computing Techniques for Smart Energy Systems (ICTSES-2018)**" was successfully organized in the year 2018 at **Manipal University Jaipur** in physical mode. The second version "**ICTSES-2021**" was organized in online mode in September 2021, at Manipal University Jaipur in collaboration with NIT Jaipur and NIT Uttarakhand. The proceedings of both the conferences are published in the Scopus Indexed Lecture Notes on Electrical Engineering, Springer. Moving forward, the third version of "**ICTSES-2023**" will be organized on **December 14 -15 2023**, at **Manipal University Jaipur**. The conference is proposed to be organized in collaboration with **NIT, Uttarakhand, Malaviya National Institute of Technology, Jaipur & Indian Institute of Information Technology, Ranchi**

All Registered Papers will be published in Scopus Indexed Lecture Notes in Electrical Engineering, Springer.
Last Date of Paper Submission is 30th June 2023.

IMPORTANT DATES

• Paper Submission Deadline	30th June 2023
• Notification of Acceptance	31st August 2023
• Camera Ready Paper submission	31st October 2023
• Last Date Of Registration	31st October 2023
• Conference Dates	14th - 15th December 2023


PAPER SUBMISSION

Authors are invited to submit original papers of full length atleast 10 pages. Manuscripts are to be submitted through easychair

PAPER SUBMISSION LINK  <https://cmt3.research.microsoft.com/ICTSES2023>

REGISTRATION FEES

- Author Participants (Industry / Academia)
- Full Time Students/Research Scholars
- Attendees

		
₹	10000	\$ 300
₹	9000	\$ 275
₹	3000	\$ 100

CONTACT



+918769539393, +919928508993, +919818711315
ictses2023@gmail.com
www.ictses.com

