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GUIDELINES

- The full paper has to be submitted in prescribed format given on website through Easy Chair (Template is available at the Convergence 2021 website).
- Only original, unpublished work should be submitted. Any proposal submitted to present identical or substantially similar work already published, under review for another seminar / conference or publication will not be considered.
- In case the paper is considered for publication in the above said journals, copyright of the same rests with journals.
- For paper submission and registration procedure visit conference website: <http://convergence.poornima.org>.

PAPER SELECTION AND PUBLICATION

Papers passing the peer review, recommended and presented in the conference shall be published on the digital media. All the presented papers shall be sent to the respective International Journals for publication as per the conditions laid down by the said journals.

Delegate	Regular Fee
Expert from industry/PHD Scholar	₹ 2500/-
Authors from academic institutions	₹1500/-
Faculty (All RTU Affiliated)	₹1000/-
Student Author*	₹600/-
Attendee**	₹400/-

* Extended/selected paper for Scopus will be charged additionally

IMPORTANT DATES

Full paper submission commencement	June 01, 2021
Full paper submission deadline	July 01, 2021
Notification of acceptance	July 15, 2021
Camera Ready Paper	July 18, 2021
Registration Deadline	July 25, 2021
Date of conference	August 20-21 2021

REGISTRATION PROCESS

- One of the authors must register for the conference and must present the paper himself/herself.
- Participants should send the registration form in specified format along with the registration fee. For online payment please visit conference website.

Submission Link

<https://easychair.org/conferences/?conf=icsec2021>



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Indexed Publication



3rd International Conference

on

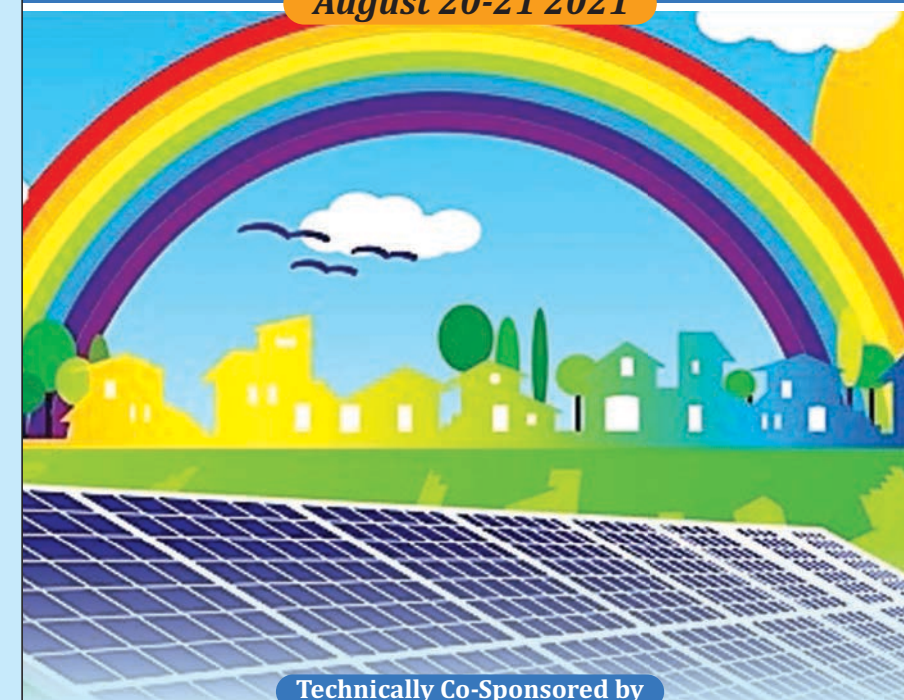
Smart Energy and Communication

“ICSEC 2021”

in conjunction with

Convergence 2021
Role of Engineers in Innovation and Technological Advancement

August 20-21 2021



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INSTITUTE OF ENGINEERING & TECHNOLOGY

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POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY

Poornima Institute of Engineering & Technology (PIET), Jaipur, affiliated to Rajasthan Technical University and approved by AICTE, established in the academic year 2007. The management makes sustained efforts to use education as an instrument for growth of economy and is the driving force & inspirational spirit behind the establishment of PIET. PIET aims at providing world class technical and scientific education which can develop a professional outlook in every walk of life.

Some key salient features are:

- State of Art of Infrastructure for innovative Teaching Pedagogy and ICT based learning.
- Offering four streams of Engineering (CE, AI & DS and Civil) at UG level.
- Accredited with NBA for B.Tech CSE 2020.
- Accredited with NBA for B.Tech Civil in 2019.
- NAAC Accredited institute from 2019.
- Rated as GOLD in Survey of Industry Linked Technical Institutes conducted by AICTE-CII.
- Ranked 3rd among all RTU affiliated colleges in Quality Index Value (QIV) assessment in academic year 2020-21
- Notable funding received from various Government and Private bodies (AICTE, RTU, IIHT, IMPACT, ZEETRON NETWORKS)

ABOUT THE DEPARTMENT

Department of Electrical Engineering (EE) and Department of Electronics and Communication Engineering (ECE) are the excellence in research and development at PIET. The vision of the Electrical department is to provide the leadership to enable India's excellence in the field of Electrical Engineering. Department is committed to advancement of the frontiers of knowledge in Electrical Engineering and to provide the students with a stimulating and rewarding learning experience.

Department of Electronics and Communication Engineering (ECE) has a rich tradition in research and teaching. The research interests of the faculty members of the department encompass the wide area of applied and fundamental aspects of Electronics and Communication Engineering.

ABOUT THE CONFERENCE

ICSEC -2021 aims at bringing together researchers, engineers, students to review the latest development in the area of communication and Electrical energy. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Smart Energy and Communication. It also provides a forum for researchers from academia and professionals from industry, as well as government regulators to tackle these challenges, and discuss and exchange knowledge and best practices about design and implementation of smart energy systems. The conference comprises of technical sessions, plenary lectures by invited experts. The core vision of ICSEC -2021 is to disseminate new knowledge and technology for the benefit of everyone ranging from the academics and professional research communities to industrial practitioners in a range of topics in Electronics and Communication Engineering and Electrical Engineering in general and Analog circuit design, Image processing, Wireless & Microwave communication, Optoelectronics & photonic devices, Nano-electronics, renewable energy, smart grid, power system & Industry Applications. It also provides a venue for high-caliber researchers, PhD scholars and professionals to submit ongoing research and developments in these areas.

CALL FOR PAPERS

The topics of the conference include, but are not limited to:

Track-1: Renewable Energy

- Energy Monitoring
- Greener Systems Planning and Design
- Harvesting Energy
- Smart Energy Storage
- Optimization Techniques for Efficient Energy Consumption
- Renewable Energy Resources
- Energy Profiling and Measurement
- Solar System Integration

Track-2: Smart Grid

- Smart Grids Impacts on Fault Mgmt. (Protection Infrastructure, Emergency Response and System Restoration)
- Smart Grid Regulation and Standards
- Smart Sensors and Advanced Metering Infrastructure
- Cyber-Physical Systems Security in Smart Grids
- Architectures and Load Balancing in Smart Grids

Track-3: Smart Trends in Power System

- Power and Energy System Applications
- Automation and Management of Energy Systems
- Reliability, Demand Response, and Load Management and Forecasting
- Wide-area Metering, Monitoring, Control, and Protection
- Virtualization for Reducing Power Consumption
- Scheduling and Switching Power Supplies

Track-4: Smart Communication Systems

- Wireless Communication
- Microwave Communication
- Computer Networking and Security
- Wireless Network Protocols
- Multimedia and Qos system in Traffic Management
- Image processing techniques
- Antenna & Wave Propagation
- Adhoc Networks
- Mobile Computation

Track-5: Nano Electronics & Photonic devices

- Nano Electronics & Photonic devices
- Nano Electronics
- Lasers and Photonic Components
- Optical Access Networks
- Design, Control and Management of Optical Networks
- Composite materials
- Alternative energy
- Biomaterials and Medical Devices
- Materials Science-Fundamentals
- Materials Synthesis, Processing and application
- Biometric and Telemedicine, Biotechnology.
- MEMS/NEMS sensors and actuators

Track-6: Mathematical tool in Electrical and Electronics Engineering

- Differential Equation
- Numerical Techniques
- Operation Research
- Applied Algebra, analysis & its applications
- Fuzzy Differential Equation
- Neural Network
- Mathematical Modeling

Track-7: Intelligent Technologies for Electrical & Electronics Engineering

- ML for Wireless Communication
- Efficient Architecture for ML Training and Inferences in Communication
- Intelligent Signal Processing for Communication
- Data Analytics for Advanced Comm.
- AI & ML
- Smart IoT
- High Performance Computing (HPC)

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