



ICSEM - 2020 International Conference on SMART ENERGY MANAGEMENT

November 25-26, 2020 (Wednesday-Thursday)

Web: www.icrtsem.com | E-mail: icrtsem2020@gmail.com



Jointly Organized by: College of Engineering Roorkee (COER)

Universal Innovators (An Indian Research Lab)

**Under the aegis of TEQIP - III
Uttarakhand Technical University, Dehradun**

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The Conference will focus on following Topics :-

- Big Data
- Internet of Things
- Computational Intelligence Techniques
- Machine Learning
- Cyber Security
- Home Area Networking (HAN)
- Solar Thermal Storage
- Artificial Roughness
- Solar Power Applications
- Materials for Solar Cells
- Fabrication Techniques of Solar Cells
- Testing of Solar Cells
- Tracking Algorithms of Solar Modules
- Thermo - photovoltaic
- Building Integrated Photovoltaic System
- Biofuels- Synthesis and Utilization
- Processing of Different Types of Biomass
- Hybrid Systems
- Design of Different Types of Gasifies
- Life Cycle Assessment of Biofuels
- Biodiesel Kinetics and Synthesis
- Biofuel in IC Engine
- Greenhouse Gas Emissions from Energy Systems
- Life Assessment Energy Management
- Different Strategies for Energy Management
- Energy Efficiency in Thermal and Electrical Utilities
- Efficiency Improvement by Hybridization
- Renewable Energy Impact on Climate Change
- Design of Smart Grids
- Modeling of Grid Environments
- Demand Side Management
- Demand Response
- Smart Distribution System
- Distributed Generation
- Grid Integration
- Power System Management Technologies
- Environmental-Friendly Technologies for Power Generation
- Estimation of Wind Energy
- Design of Different Types of Wind Turbines
- Injecting Wind Power in the Grid
- Optimization of Wind Energy Systems
- Small Hydro Energy Systems
- Challenge is Wind & Hydro Plant Energy Systems
- Wind Power Technology and Instrumentation
- Different Types of Battery Technologies
- Energy Storage and Technologies
- Electrical Energy Storage
- Energy Storage and Renewable Energy
- Energy Storage Trends and Opportunities
- Strategic Analysis of Energy Storage
- Formulation of Different Policies for Promotion of Renewable Energy
- Cost Benefit Analysis of Renewable Energy Systems
- Impact of Renewable Energy Systems in National and International Economy
- Global trends in Renewable Energy Commercializations

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	Registration Fees
UG, PG Students & Research Scholars	Rs. 7500/-
Academician	Rs. 8500/-
Industry Participants / Govt. Organization	Rs. 9500/-
International Participants	US\$200/-

IMPORTANT DATES

Submission of Full Length Paper	Thursday November 05, 2020
Notification of Acceptance	Tuesday November 10, 2020
Camera Ready Paper Submission & Registration	Monday November 16, 2020
Conference Date	Wednesday-Thursday November 25-26, 2020

Paper Publication

All Accepted Papers of ICSEM- 2020 will be published in IOP
Conference Proceedings (Material Science & Engineering)
covered in SCOPUS

<https://iopublishing.org/publications/conference-series/>

Selected & Extended Papers will be considered in Special issues of following Journals :-

- 1) Computers and Electrical Engineering, Elsevier (SCI IF 2.18)
- 2) International Journal of Distributed Sensor Networks, SAGE (SCI IF 1.6)
- 3) Frontiers in Physics (SCI IF 1.89)
- 4) Journal of Artificial Intelligence and Systems.
- 5) International Journal of Computing and Digital Systems