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Abstracts are invited on the following topics. The keywords are mentioned as suggestions for authors. Submissions are welcome in any research topics related to energy.

THEMES

Track 1: Renewable energy and environment

- Biomass and biofuels
- Waste-to-energy
- Fuel cells
- Energy integration and storage
- Thermo chemical and hydrogen storage
- Electrochemical storage
- Energy, environment and society
- Energy conservation and auditing
- Wind Energy and its application
- Tidal energy and its application
- Geothermal energy and its application

Track 3: Photovoltaic Solar Energy and Wind Energy Technology

- PV Module Design, Manufacture, Performance and Reliability
- Sustainability and Recycling
- Performance of PV Systems
- Novel Concepts for PV Modules
- Module Aging and Degradation
- Imaging and Fault Detection in PV Systems
- Novel Concepts for Materials and Solar Cells
- Soiling, Degradation and Failure Diagnosis of PV Systems
- PV Driven Energy Management and System Integration
- Solar Resource and Forecasting
- Design and Installation of PV Systems / Storage
- Operation, Performance and Maintenance of PV Systems
- Costs, Economics, Finance and Markets / Policies and Scenarios for Renewables, Societal and Global Challenges

Track 2: Smart Grid Technologies

- Power Electronic Converters and Control Systems
- Distributed generation and Grid Interconnection
- Electric Vehicles
- Energy Storage & Battery Charging Techniques
- Power Quality & EMI
- Microgrid & Smart grid
- Energy Policies & Standards
- Wide Band Gap Devices
- Lighting Technology
- Power Electronic Education

- Wind energy technologies
- Wind Energy and its environmental impact
- Off-shore wind energy
- Roof top windmill

Track 4: Simulation, Modelling and Optimization

- Modelling and simulation on optimizing process and design parameters
- Validation of mathematical models used in computer simulation
- Modelling on Differential equations
- Modelling on Multi-criteria decision theory
- Modelling on Multi-attributes decision theory
- Computational modelling
- Statistical evaluation and demand on inventory model
- Modelling on Constraint and Unconstraint optimization

INTERNATIONAL CONFERENCE ON

**RENEWABLE ENERGY INTEGRATION INTO SMART GRIDS : A
MULTIDISCIPLINARY APPROACH TO TECHNOLOGY
MODELLING AND SIMULATION**

14-15 February 2020
CVRCE Bhubaneswar, India

Important Dates

Conference Date:	14th & 15th Feb 2020
Paper Submission Deadline:	30th Nov 2019
Notification of Acceptance Deadline:	31st Dec 2019
Camera Ready Paper Submission:	15th Jan 2020
Registration deadline:	15th Jan 2020

Scientific Advisory Committee

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Registration Fees

Registration	Students		Academia		Industry	
	Indian INR	Overseas USD	Indian INR	Overseas USD	Indian INR	Overseas USD
IEEE-Member	3000	150	5000	250	8000	250
Non-Member	3500	200	6000	300	9500	300

Publication

All the accepted and presented papers will be included for the possible publication in **IEEE digital library**. A few selected and registered full papers may be considered for publication in the reputed **Scopus Indexed Journal**.

For any further queries kindly mail us on email id: reisgcvrce2019@gmail.com