



Track 2: Soft Computing for Renewable Energy Sources (RES)

- IoT Applications in RESs.
- Control Technologies for RESs.
- Smart Grids and Hybrid RESs
- Planning and Policies in RESs.
- Optimization in RESs.
- Latest Trends and Technologies for RESs.
- Security and Safety of RESs.
- Reliability and Maintenance in RESs
- Machine Learning & AI application for RESs.
- RES Research and Application for industries.

Track 3: Power Electronic Advancements

- Power Converter Topologies: Modelling, analysis and Control.
- Design of Power Electronics Devices in domain of Energy Systems.
- Role and Operation in Grids and Microgrids, Charging and Discharging, Battery Management Systems,
- Reliability Issue of Renewable Source of Energy.
- Next Generation Solid State Power Electronics Device and Converter topology.

Track 4: Biomedical Research and Applied Science

- Applied Sciences and Biosciences
- Biofuels and Bio-refinery
- Waste-to-energy technology
- Biomaterials and Nanotechnology
- Biomass to Bio Resource
- Applications of biomedical materials
- Bioinstrumentation: Sensors, Micro, Nano and Wearable Technologies
- Bio-Engineering

International Conference on Smart Energy and Advancement in Power Technologies 2021

WELCOME TO ICSEAPT

The Smart Energy and Advancement in Power Technologies (ICSEAPT 2021) is a non-profit event and it will provide an opportunity to the practicing engineers, academicians and researchers to meet in a forum to discuss various issues and its futuristic scope in the field of electrical, computers, electronics engineering and all broad areas of science related to electric power and renewable energy technologies.

1st International conference on Smart Energy and Advancement in power technologies is being organized by Department of Electrical Engineering, National Institute of Technology, Jamshedpur, India during **September 6th - 8th, 2021**.

The conference seeks papers in all aspects of electrical power, power electronics, renewable energy and controls (but not limited to):

Track 1: Introduction of Power and Smart Energy System.

- Perceptive and Technology overview in Energy System and Storage.
- Advance Energy Management System.
- Integration of Energy & Storage System.
- Green Energy and Grid Modernization Solutions.
- Microgrid & Smart Grid Novel Technologies and issues.
- Emerging Sustainable Energy System.
- Microgrid Protection.
- Fault Diagnosis and Condition Monitoring.
- RESs for Electrical Vehicles and Components

National Institute of Technology Jamshedpur

ICSEAPT'21

Organised By:

Department of Electrical Engineering



Theme: Generation of Energy Evolution for Sustainable Future

IMPORTANT DATES

Paper Submission opens	March 22, 2021
Paper Submission closes	June 25, 2021 July 02, 2021
Paper acceptance notifications	August 02, 2021
Registration Opens	August 03, 2021
Last Date of Camera-ready paper submission	August 18, 2021
Last Date of Registration	August 18, 2021

CONFERENCE COMMITTEE

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Alborg University, Denmark



Dr. M. V. Reddy
IREQ, CEETSE, Hydro-Quebec,
Montreal, Canada

Keynote Speakers



Registration Fees

Online Presentations:

Student/Scholar (India):	INR1000
Academic Participants (India):	INR1500
Industrial Professional/Others (India)	INR2000
Student/Scholar (outside India):	USD35
Other Participants (outside India):	USD50

On-Site Presentations*:

Student/Scholar (India):	INR2500
Academic Participants (India):	INR3500
Industrial Professional/Others (India)	INR4000
Student/Scholar (outside India):	USD75
Other Participants (outside India):	USD100

PLEASE NOTE:

- ✓ All the paper must be submitted through online paper submission portal (EasyChair)
<https://easychair.org/cfp/icseapt2021>
- ✓ The conference will have oral session. High quality original papers as per the standards of **SPRINGER** will be accepted.
- ✓ For more details about paper submission, author instruction and registration keep visiting www.seapt.co.in

**In view of the COVID-19 pandemic in India, the organisers have decided to go online with ICSEAPT-2021.*

The conference kit will not be provided. The e-copy of the paper presentation certificate will be sent to the author's e-mail address. Additionally, an e-copy of conference proceedings will be shared with the presenters.

Contact Us:

Secretariat **ICSEAPT-2021**

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Conference website: www.seapt.co.in

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