



**IET** The Institution of  
Engineering and Technology  
**Kolkata Local Network**



# IEMPOWER – 2021

2 nd International Conference on Industrial Electronics, Mechatronics,  
Electrical and Mechanical Power 2021

organised by

**Institute of Engineering & Management, Kolkata**

## CALL FOR PAPERS

Prospective authors are invited to submit their full paper(s) electronically through EasyChair. Papers will be reviewed by at least three referees for novelty, technical merit and content. Accepted papers must be remotely presented at the conference (the particular time will be shared) by one of the author(s) whose name will appear in the proceedings. For further details, and information on paper categories, please visit our website : <https://iempowercon.smartsociety.org/>

Topics and Technical areas of interest include but are not limited to the following: We invite you to submit research papers related to following conference tracks:

### Track 01: Industrial Electronics

- Microelectronic design
- Manufacturing and integration
- Smart sensors
- Instrumentation systems
- Smart consumer electronics
- Signal processing for industrial applications and smart systems
- Artificial intelligence and soft computing techniques
- Industrial Wireless Sensor Networks
- Communication technology for industry 4.0
- Green communication in industry
- Environment friendly networking
- Antennas and Electromagnetic fields
- Industrial image processing
- Industrial internet of things
- Silicon photonics in communication industry including interconnects and data centers

### Track 02: Mechatronics

- Engineering Applications on Robotics and Automation
- Cognitive Approach for Industrial Robotics
- Collective and Social Robots
- Control and Supervision in Industrial Systems
- Advance Automation and Control techniques related to Smart Industry and Smart
- Commercial Machines
- Smart Robotics Science and Technology
- Sensing and control system
- Modeling and simulation of physical system
- Intelligent control
- Embedded control system
- Smart Measurement Techniques
- Human-Machine Interactions

### Track 03: Electrical & Mechanical power

- Renewable energy
- Smart micro-grid
- Energy storage and management
- Power electronics and energy efficient drives
- Power quality improvement techniques
- Condition monitoring of electrical equipment's
- Power system dynamics and control
- Fuel efficient engine technologies
- Additive manufacturing process
- Reliability and maintenance engineering
- Computational fluid dynamics
- Total quality management and quality engineering

## IMPORTANT DATES

- **FULL PAPER SUBMISSION** : ~~October 15th, 2021~~ **October 30th, 2021 (Deadline)**
- **NOTIFICATION OF ACCEPTANCE**: ~~October 25th, 2021~~ **November 3rd, 2021**
- **REGISTRATIONS OPEN** : November 4, 2021
- **REGISTRATIONS CLOSE** : November 15, 2021
- **CONFERENCE DATES** : **November 26-28, 2021**
- **VENUE** : Virtual Mode/Online

## KEYNOTE SPEAKERS

**Josep M. Guerrero**  
Professor, Villum Investigator,  
AAU Energy  
Aalborg University, Denmark.

**Dr. Somak Bhattacharyya**  
Assistant Professor, Department  
of Electronics Engineering  
Indian Institute of Technology  
Banaras Hindu University.

**Dr. Narottam Das**  
Senior Lecturer- Engineering (Electrical),  
College of Engineering and Aviation,  
School of Engineering and Technology,  
Higher Education Division, CQ University  
Australia.

- ALL submitted papers will be reviewed by at least three referees for novelty, technical merit and content.
- The accepted and presented papers will be published in **American Institute of Physics (AIP)** Conference Proceedings.
- Indexed in leading databases — **Web of Science**, **Scopus®**, **Inspec** and **Chemical Abstracts Service (CAS)**, **Astrophysics Data System (ADS)**

### PAPER SUBMISSION:

Authors are required to upload original Full papers through EasyChair link as given below.

The Manuscript submission Web page for IEMPOWER 2021 is <https://easychair.org/conferences/?conf=iempower2021>.

(Authors need to: Create an account (if not already registered) with EasyChair link)

Author's Guideline for manuscript preparation:  
<http://aip.scitation.org/apc/authors/download>.

### CONTACT INFO :

General Info and queries: [iempower.2021@iemcal.com](mailto:iempower.2021@iemcal.com)

Looking forward to meeting you online at IEMPOWER in November 2021!

Best regards,  
Prof. Dr. Senjuti Khanra & Prof. Ankit Ray Ghatak  
Conveners; IEMPOWER – 2021.

Organized by: Institute of Engineering and Management, Salt Lake, Kolkata, India . (<https://iem.edu.in>)

### REGISTRATION AMOUNT :

Categories	National	International
Students	Rs 4000	\$ 150
Researchers/Academicians	Rs 6000	\$ 200
Industry personnel	Rs 10000	\$ 250

★ "Accepted Paper will be published in SCOPUS indexed Conference proceedings of AIP" ★