

ORGANIZING SECRETARIES

Dr. Savita Nema
Professor
Electrical Engineering Department
MANIT Bhopal

Dr. Priyanka Paliwal
Asst Professor
Electrical Engineering Department
MANIT Bhopal

Dr. Sanjay Marwaha
Professor
Department of EIE
SLIET, Longowal

Dr. Ashwani Kumar Aggarwal
Associate Professor
Department of EIE
SLIET Longowal

Finance Chair

Dr. Savita Nema
Dr. Anoop Arya
Dr. Suresh Gawre

Publications Chair

Dr. Priyanka Paliwal
Dr. Pankaj Swarnkar
Dr. D. Giribabu

Publicity Chair

Dr. Sushma Gupta
Dr. S C Gupta
Dr. Amit Ojha

ADVISORY COMMITTEE

- Dr. Satyanarayana Bheesette, TIFR
- Dr. Sarika Khushalani Solanki, Univ. of West Virginia, USA
- Dr. Sanjeet Dwivedi, Danfoss Drives, Denmark
- Dr. Jai Govind Singh, AIT Bangkok
- Shri Nandkumar, Director General, CPRI Bangeluru
- Dr. D. Thukaram, IISc Bengaluru
- Dr. S. N. Singh, IIT Kanpur
- Dr. Pramod Agarwal, IIT Roorkee
- Dr. Kishore Chatterjee, IIT Mumbai
- Dr. Prabodh Bajpai, IIT Kharagpur
- Dr. Suneet Singh, IIT Mumbai
- Dr. Naran M. Pindoriya, IIT Gandhi nagar
- Dr. Trapti Jain, IIT Indore
- Dr. Subudhi Bidyadhar, IIT Goa
- Dr. Sunil Bhat, VNIT Nagpur
- Dr. Lalit Awasthi, Director NIT Jalandhar
- Dr. Ratna Dahiya, NIT Kurukshetra
- Dr. Rohit Bhakar, NIT Jaipur
- Dr. Arvind Jain, NIT Agartala
- Dr. Dilbag Singh Dahiya, NIT Jalandhar
- Dr. Rajesh Kumar, NIT Jaipur
- Dr. S. Gupta, NIT Raipur
- Dr. Ashwani Kumar, NIT Kurukshetra
- Dr. Vishwanathan N, NIT Warangal
- Dr. S. Arul Daniel, NIT Tiruchirappalli
- Dr. H.M. Suryawanshi, VNIT Nagpur
- Dr. Ranjan Kumar Behera, IIT Patna
- Dr. Jiwan Pandit, ISRO Bengaluru
- Shri Shailendra Saxena, MPREC Bhopal
- Shri Manoj Wadhwani, Director, CPRI Bhopal
- Dr. Manjaree Pandit, MITS Gwalior
- Dr. Ranjan Maheshwari, RTU Kota
- Dr. Manjula Nair, Amrita School of Engineering

TECHNICAL PROGRAM COMMITTEE

- Dr. Tooraj Jamsab, Copenhegan School of Energy Infrastructure
- Dr. Sanjeet Dwivedi, Danfoss Drives, Denmark
- Dr. S. N. Singh, IIT Kanpur
- Dr. R. K. Nema, MANIT Bhopal
- Dr. J. S. Dhillon, SLIET Longowal
- Dr. A. S. Arora, SLIET Longowal
- Dr. H. M Suryawanshi, VNIT Nagpur
- Dr. Shailendra Dwivedi, MANIT Bhopal
- Dr. Lalit kumar Sahu, NIT Raipur

PROGRAM COMMITTEE

- | | | | |
|-------------------------|------------------------|------------------------------|---------------------|
| Dr. Y. Kumar | Dr. Suresh Kumar Gawre | Dr. Shailendra Kumar Dwivedi | Dr. Gurmeet Singh |
| Dr. N.P. Patidar | Dr. Pankaj Swarnkar | Dr. Manpreet Kaur | Er. Diljinder Singh |
| Dr. Sushma Gupta | Dr. Amit Ojha | Dr. Pratibha Tyagi | Er. Anshuka Bansal |
| Dr. Sanjeev Singh | Dr. Rishi Kumar Singh | Dr. M S Manna | Er. Asim Ali Khan |
| Dr. S.C. Gupta | Dr. Mukesh Kumar Kirar | Dr. Raj Kumar Garg | |
| Dr. Anoop Arya | Dr. D. Giribabu | Dr. Manmohan Singh | |
| Dr. Ujjawal Kumar Kalla | Dr. More Raju | Dr. Charanjiv Gupta | |

ALL CORRESPONDENCE MUST BE ADDRESSED TO :

Organizing Secretary
ICEPES 2021

Department of Electrical Engineering
MANIT Bhopal (MP), India, 462 003
icepes.manit2021@gmail.com

For more information about the conference, keep visiting www.icepes2021-manit.in/



2nd IEEE INTERNATIONAL CONFERENCE ON ELECTRICAL POWER AND ENERGY SYSTEMS ICEPES – 2021

(Online Mode)

IEEE Conference Record: **52894**

DECEMBER 10 - 11, 2021

Announcement & Second Call for Papers

IEEE BOMBAY SECTION



IEEE MP Section

SPONSORED BY

IEEE Bombay Section
IEEE MP Section

ORGANISED BY

Department of Electrical Engineering

MAULANA AZAD
NATIONAL INSTITUTE OF TECHNOLOGY
Bhopal-462003 (M.P.) INDIA

Telephone: +917554051400, +917554051406, Fax: +917552670562

Website: www.manit.ac.in

&

Department of Electrical and Instrumentation Engineering

SANT LONGOWAL
INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Deemed to be University u/s 3 of the UGG Act, 1956)
(Centrally Funded Technical Institution)
LONGOWAL- 148106 (SANGRUR, PUNJAB) INDIA
Telephone: +91 1672253119, +91 1672253120, Fax: +91 1672280057

Website: www.sliet.ac.in

Conference Website: www.icepes2021-manit.in/

It is our great pleasure to announce the 2nd IEEE International Conference on “Electrical Power and Energy Systems” (ICEPES 2021) being organized by the Department of Electrical Engineering, Maulana Azad National Institute of Technology, Bhopal, and the Department of Electrical and Instrumentation Engineering, Sant Longowal Institute of Engineering and Technology (SLIET), Longowal during December 10 - 11, 2021. The conference is Technically sponsored by IEEE Bombay Section and Financially sponsored by IEEE MP Section.

BACKGROUND AND OBJECTIVES

Among various sources of energy, the electrical energy has contributed a-lot in the development of technology and human society. It is hard to think of any business today without electricity. The current Covid pandemic has opened up new avenues of online activities whether be it “work from home” or “banking from home” or conducting /attending online conference / seminar / classes or any other audio/visual interaction across the globe at the convenience of user's place and time. All this could be made possible by tiny electrons maneuvered under the realm of electrical-electronics engineering. In the context of present Covid situations and ever growing demand of secured quality power, the **online conference** under the umbrella of IEEE is proposed with the objectives to provide a platform for researchers, engineers, academicians and industrial professionals to present and discuss the most recent advances, trends, and development activities in Electrical Power and Energy Systems. Various aspects of electricity from generation and transmission to the distribution/application is proposed to cover under various theme areas. The proposed conference is also aimed at covering the ancillary issues which electrical engineers come across in operating huge power network in vivid demography with social, commercial and environmental implications.

THEMES

Original & unpublished review/research papers are invited for presentation in the areas of Electrical Power and Energy Systems on the following theme areas, but not restricted to

- Power System Stability, Dynamics and Control
- Power System Automation, Protection and Relaying
- Restructuring of Power System, Electricity Markets and Energy Pricing
- Smart Grid and Smart Technologies
- Distributed Generation, Renewable Energy Sources and Micro/mini Grid Operation
- High Voltage and Insulation Engineering
- Robotics and Control Systems
- Sensors and Signal Conditioning
- Signals and Systems
- Power Electronics, Instrumentation and control in Electrical Drives
- Applications of Power Electronics in Power System
- Electrical Vehicular Systems
- Applications of Soft Computing Techniques in Electrical Power and Energy Systems
- Instrumentation & Biomedical Engineering
- Technology relevant to Covid-19 Pandemic
- Any other relevant topic

IMPORTANT DATES

Full Length Paper Submission	15th September 2021 05 th October 2021
Acceptance Notification	30 th October 2021
Early Registration	Till 15 th November 2021
Late Registration	After 15 th November 2021
Camera Ready Submission	25 th November2021
Conference dates	10-11 December 2021

FULL-LENGTH PAPER SUBMISSION

Prospective authors are invited to submit full length paper in IEEE format, with name, affiliation, telephone and e-mail address electronically by ~~15th September 2021~~ **05th October 2021**.

The length of paper shall be limited to 6 pages as per the template available on **ICEPES 2021** website <http://icepes2021-manit.in/>.

It can also be downloaded from IEEE website:

http://www.ieee.org/conferences_events/conferences/publishing/templates.html

The paper will be submitted online via Microsoft CMT Platform to ICEPES 2021 Secretariat using the link:

<https://cmt3.research.microsoft.com/ICEPES2021>

Any clarification may please be addressed at email: icepes.manit2021@gmail.com.

It is mandatory for one of the authors to register and present the paper in **online mode** for inclusion in the Conference Proceeding and in IEEEExplore. Manuscripts of accepted and presented papers will be submitted to IEEEExplore for publication subjected to further review of the quality.

REGISTRATION FEES

Participation Type	Early Bird Registration	Late
Students(UG/PG/PhD)	Rs 2000	Rs 2500
IEEE Members (Academia/Industry)	Rs 3000	Rs 3500
Non-IEEE Members (Academia/Industry)	Rs 3500	Rs 4000
Foreign Participants	USD 100	USD 150

ABOUT MANIT BHOPAL

Maulana Azad National Institute of Technology (MANIT), an Institute of National Importance, formerly known as Maulana Azad College of Technology (MACT), is one among the first eight Regional Engineering Colleges of the country. The institute is named after the great scholar, educationist and the first Education Minister of Govt. of India, Maulana Abul Kalam Azad. The Institute is elevated to the status of National Institute of Technology in the year 2002. As an Institute of National Importance, the MANIT Bhopal is successfully meeting the objective of producing skilled technocrats of the highest quality and at present running 9 undergraduate and 32 post graduate programs. The institute is also running doctoral programs across all modern disciplines.

ABOUT SLIET LONGOWAL

Sant Longowal Institute of Engineering & Technology (SLIET), Deemed to be University, has been established and funded by Ministry of Education (earlier MHRD), Government of India in 1991, to provide technical education in emerging areas of Engineering and Technology. The institute has the concept of flexible, modular and multi-point entry/exit system and aims to provide technical manpower requirements of all levels to the industries as per NEP-2020. At present the institute offers Integrated Certificate & Diploma (ICD), B.E, M. Tech, and Ph.D. in various disciplines of Engineering and Technology, Science and Management.

ORGANIZING COMMITTEE

CHIEF PATRON

Dr. N. S. Raghuwanshi
Director
MANIT, Bhopal

Dr. K Radhakrishnan
Chairman
Board of Management
SLIET, Longowal

CHAIRPERSON AND PATRON

Dr. Shailendra Jain
Director
SLIET, Longowal

Dr. G. S. Tomar
Chairman
IEEE MP Section

CONFERENCE CHAIR

Dr. Tripta Thakur
Prof. & Head
Dept. of Electrical Engg.
MANIT, Bhopal

Dr. R. K. Nema
Professor
Dept. of Electrical Engg.
MANIT, Bhopal

Dr. Surita Maini
Prof. & Head
Dept. of EIE
SLIET, Longowal