

National Conference on Industry 5.0: Emerging Technology to Transform the Globe

TO SUBMIT PAPERS

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REGISTRATION

The registration form is enclosed with the
Brochure. You can also register through
the google form link provided
<https://forms.gle/S7VRAbdEivqZA2HQ8>

REGISTRATION FEES

Industry Participants: 2000/- + 18% GST

Academia/ Research Scholars: 1000/- + 18% GST

UG/PG Students: 500/- + 18% GST

IMPORTANT DATES

Last Date for Submission of paper: 20.04.2023

Notification of Acceptance of paper: 22.04.2023

Last date for registration is 22.04.2023

ADDRESS FOR CORRESPONDENCE

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Organized by

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(Ministry of Education, Government of India)
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ABOUT NITTTR

The National Institute of Technical Teachers Training and Research (NITTTR) Chennai was established as an autonomous Institute by the Ministry of Human Resource Development, Government of India in the year 1964 to improve the quality of Technical Education system in India and in the Southern Region in particular. It also fosters research in the inter disciplinary area of Engineering Education and offers consultancy and extension services for the total development of Engineering Colleges, Polytechnic Colleges, Vocational institutions, Industry, Service sector and the Community at large.

DEPT. OF ELECTRICAL, ELECTRONICS & COMM ENGG

Our dept. is conducting nearly 30 Faculty Development Programmes for Polytechnic and Engineering College teachers every year training nearly 600 teachers. We revise the curriculum of Polytechnic colleges from time to time. We are also conducting Overseas Teachers Course in Electronics for foreign teachers / delegates. We are organizing many workshops / seminars / conferences in emerging areas in the field of Electrical and Electronics.

ABOUT THE CONFERENCE

Industry 5.0 blows the whistle on global industrial transformation. It aims to place humans' well-being at the center of manufacturing systems, thereby achieving social goals beyond employment and growth to provide prosperity robustly for the sustainable

development of all humanity. Industry 5.0, with its refreshing vision, will help solve the problem of the mismatch between manufacturing and social needs. Compared with past industrial revolutions that emphasized more on the economic aspect of sustainability, the Industry vision leans toward human centricity and societal needs. This Conference will focus on Potential applications of Industry 5.0 in intelligent healthcare, cloud manufacturing, supply chain management, Supporting technologies for Industry 5.0: Edge computing, digital twins, collaborative robots, Internet of things, blockchain, and 6G and beyond networks. It will provide an opportunity for the PG students, Research scholars and Faculty members for upgrading their knowledge in latest areas of Engineering and Technology. The best paper will be awarded with a certificate in each session

Topics within the scope of the conference include the following areas but not limited to:

- Research challenges and open issues to realize Industry 5.0
- AI applications to Electrical Engineering (EE)
- Automobile Engineering
- Augmented Reality in EE
- Battery Management System
- Composite and Smart Materials
- Manufacturing Engineering
- Cyber Physical Systems
- Data Science for Power Systems
- Deep Learning Applications in EE

- DBMS and Grid Computing
- Electric Vehicles / Hybrid Electric Vehicles
- Energy Management and Power Quality
- Embedded System Applications
- FACTS, HVDC, Green Computing
- Internet of Things and its Applications
- Machine Learning
- MEMS and Nanotechnology
- Modeling and Simulation
- Network Security System
- Optimization Techniques
- Renewable Energy and its Applications
- Robotics, Automation and Control
- Sensor and Transducers
- RFID Systems and Applications
- Smart Grid/Distributed Generation
- Smart Sensor and Mobile Computing
- Soft Computing and Image Processing
- Thermal Image Analysis
- Virtual Reality
- VLSI Design Technology
- Wireless Communication
- All other Emerging areas of Electrical and Electronics Engineering and Technology
- The selected papers will be published to scopus indexed journal publication with additional cost borne by the author(s).

ORGANISING COMMITTEE:

Patron: Prof Dr Usha Natesan
Director, NITTTR,
Chennai

Convenors: Dr.G.A.Rathy
Prof and Head, EECE, NITTTR, Chennai
Dr.P.Sivasankar, Prof, EECE, NITTTR, Chennai
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National Conference on Industry 5.0: Emerging Technology to transform the Globe 27th and 28th April 2023

REGISTRATION FORM

1. Name (in BLOCK letters) :
2. Designation, Department and Address of the Institute :
3. Academic Qualification :
4. Specialisation :
5. Communication details : Telephone :
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- E-mail :
- Mobile :
6. Gender : Male / Female
7. Accommodation requirement: Yes / No
8. Registration fees paid: Yes / No

Date:

Signature

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