

# BOMBAY SECTION Adversire Technology

## Advancing Technology for Humanity



Second International Conference on Power, Control and Computing Technologies, ICPC<sup>2</sup>T -2021

## December 16-18, 2021

ICPC<sup>2</sup>T -2021 will be a "Virtual" conference using web-based online presentation



## Organized by

**Department of Electrical Engineering, National Institute of Technology Raipur** 

G.E. Road, Raipur, Chhatisgarh-492010



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## Address for communication

Dr. Sachin Jain - 9441700975

Dr. Swapnajit Patnaik - 9301199854

Dr. Ebha Koley - 9827215396

*National Institute of Technology Raipur – 492010,* 

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#### About the Institution

National Institute of Technology Raipur (Formerly Government Engineering College Raipur), situated in the capital of a newly Incepted state of Chhattisgarh, has proven to be "avant-grade' in the field of science and technology over past few decades in this region. With sweet memory of foundation ceremony by our President Hon'ble Dr. Rajendra Prasad on 14th September 1956, the institute started with two departments namely Metallurgical and Mining Engineering. Later the inauguration of the Institute building was done by our Prime Minister Hon'ble Pt. Jawahar Lal Nehru on 14th March 1963. From 1st December 2005, the institute has become the National Institute of Technology. The institution has grown in tandem with the major surrounding industries – The Bhilai Steel Plant, SECL BALCO and NTPC Korba. It currently offers 12 Undergraduate and 6 Postgraduate courses including MCA and M.Tech in Applied Geology.

## About the Conference

ICPC2T will give a chance to the students, academicians, researchers, scientists and practicing engineers to have a platform for potential knowledge exchange on recent trends, theories and practices of Power Systems, Control systems and Computational Technologies. Particularly, emphasis will be placed on promotion of New and Renewable sources of Power, Smart Grid and related cyber-physical systems. Applications of data analytics to power systems, such as demand response and demand side management will be considered. Finally, the innovative use of artificial intelligence, machine learning and deep learning and data visualization approaches for the power management in a variety of contexts including efficient network management, improved situational awareness and anomaly detection will be of interest. ICPC2T features invited talks and Keynote address from eminent professors/scientists from across the world, pre-conference workshops/tutorials from active engineers and technical paper presentation of the participants from different parts of the world.





## Conference Tracks/Topics

Papers are invited in the following areas of interest, but not limited to:

- Power Systems
- Power Quality
- Green Technology
- Renewable Energy
- Smart Grid
- Cyber Security
- High Voltage Technologies
- HVDC and FACTS Devices
- Power Electronics and Drives
- Electric Transportation Systems
- Instrumentation and Control
- Process Control and Automation
- Signal and Image Processing Techniques
- Cyber Physical Systems
- Internet of Things
- Data Mining
- Cloud Computing
- Data Analytics
- AI and ML
- Optimization Techniques
- Deep Learning
- Control Engineering

## Submission Types

- · Research articles
- Review articles\*

#### INSTRUCTION TO THE PARTICIPANTS

- For paper submission authors are required to visit the ICPC2T 2021 website icpc2t.nitrr.ac.in
- The sample paper template is made available on the conference website in **Downloads** menu.
- The number of pages in the paper should not exceed **six**. Papers submitted in the format other than IEEE will not be considered for the conference.
- The authors of the accepted papers will be invited for an online oral presentation in the conference. All the oral papers presented in the Conference will be submitted to IEEE for inclusion into IEEE Xplore which is Scopus indexed. Registration of at least one author is compulsory for each paper.
- Exemplary papers presented in the conference may be recommended for consideration for publication in IEEE Transactions on Industrial Applications
- Details of the Online mode of presentation will be made available in the ICPC2T 2021 conference website as and when applicable.
- Participants are instructed to fill REGISTRATION FORM (Google form)

## Important dates

Paper Submission : 31th August 2021 Acceptance Notification : 31th October 2021 Camera Ready Paper Submission : 15th November 2021 Registration Deadline : 30th November 2021

Venue : Department of Electrical Engineering, National

Institute of Technology,

Raipur, India

Submission Information : Through Easy Chair

(https://easychair.org/conferences/?conf=icpc2t2020)

Website : icpc2t.nitrr.ac.in

## Registration process

Interested participants shall pay the registration fee directly to the bank account. Candidate shall send the filled in workshop registration form along with the payment proof to icpc2t@nitrr.ac.in on or before 15/11/2021. Registration form and payment details are available in the website

#### Registration Fees (Excluding GST \*)

Category (Author)	IEEE members		Non-IEEE members	
	INR (GST excluded)	USD (GST excluded)	INR (GST excluded)	USD (GST excluded)
Student/Research Scholar	4500/-	\$75	5500/-	\$85
Academician	5500/-	\$100	6500/-	\$110
Industry	6000/-	\$110	7000/-	\$125

➤ Good and Service Tax (GST) will be applied as per Government Directives

Mode of payment: On line transaction

> To the account of Director - Account No.: 38027633250, IFSC: SBIN002852, SBI, Raipur).

#### **Publications Opportunities**

- Based on the recommendations of the reviewer(s) the selected full-length articles may be published in SCI/SCIE indexed journals
- The paper will be published in ieeexplore.com.
- Publication charges from Publishers end (if any) are to be borne by the authors.

All the papers orally presented in the Conference will be submitted to IEEE Xplore for inclusion into (Scopus indexed)



<sup>\*</sup>Review articles which include critical evaluation of existing studies, research gaps and future steps in scope of conference will only be considered.