

PREAMBLE

A substantial development fraction of the National growth of the 21st century has been derived from advances in Science, Engineering and Technology and their applications in manufacturing, infrastructure, energy, healthcare, environment, information and communication technologies, resource management and many other sectors through mastering the adoption, adaptation and advancement of existing technologies, as well as the creation of new ones. Innovation refers to the full range of changes, large and small, used to achieve desired outcomes and innovation often results from basic research that can lead to groundbreaking discoveries and inventions.

The cardinal point of importance of the conference aims at enriching and enhancing the quality of innovation research of the issues at the core of national growth through developments in the sectors of Science, Engineering & Technology by managing those applying modern scientific Management techniques and conveying them through effective & efficient communication skills.

Innovation will be essential in combating the challenges which cause hindrances to National Growth. The proposed conference will put an honest attempt to meet up the expectations of the common people in developing the nation through innovations.

ABOUT BIT RAIPUR

BIT has been a center of excellence from last 29 years and a brand name in itself in the field of education from past two decades. The institute is managed by BIT Trust which was established in the year 1986 with an aim to provide quality technical education to students. Raipur campus of BIT came into operation from the session 2009. Through in early stage, BIT Raipur is emerging fast as a first choice for students of region who want to make a name in the field of technology. The base for providing good education is excellent infrastructure and dedicated, qualified teaching staff. At BIT Raipur, we provide World class infrastructure, clean & lush green campus, best faculty, digital library, and separate hostels for boys and girls along with bus facility from Durg, Rajim and Raipur.

ABOUT DEPARTMENT

The Department of Electrical & Electronics Engineering came into existence since the inception of BIT Raipur in the year 2009.

It has now become a pillar of the Institute for catering the quality education to the students. Adequately qualified, matured faculty and the skilled supporting staff are the strength of the department. EEE Department has been actively involved in research and consultancy in all the fields of Electrical as well as Electronics Engineering. The major research groups are Power System, Renewable Energy Sources, Smart Grid & Applications, High Voltage Engineering, VLSI, Robotics, MATLAB etc.

CONFERENCE OBJECTIVE

The conference on Electrical & Electronics Engineering aims to bring together leading academic scientists, professional from industries and research scholars to exchange and share their experiences and research results about all aspects of Electrical & Electronics Engineering. It also provides the premier interdisciplinary and multidisciplinary forum for researchers, and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the research.

THEME & SUB-THEME

The theme of the conference hosted by Department of Electrical & Electronics Engineering would be “**Emerging Trends & New Technologies in Electrical & Electronics Engineering**”

- Power Generation
- IOT based Application
- High Voltage Engineering
- Electrical machine & variable drives
- Renewable Energy Sources
- Simulation and Analysis of AC & DC transmission networks.
- Insulation Technology
- Fuzzy logic & Neural Networks
- Smart Grid & Application
- Biomedical instruments & application.
- Control instrumentation
- Signal Processing
- Power Electronics and its application.
- Transmission & Distribution
- Microcontroller and its application

3rd International Conference

On **Emerging Trends & New Technologies in Electrical & Electronics Engineering**

April 29th -30th, 2022



CONVENOR

**Prof. Abhishek Kumar Sahu
HOD (EEE)**

Organized by

**Department of Electrical & Electronics
Engineering
BHILAI INSTITUTE OF TECHNOLOGY
RAIPUR**

(Seth Balkrishnan Memorial)

Kendri, New Raipur – 493661 (CG)

Chhattisgarh, India.

Tel.:-9752065555

www.bitraipur.ac.in

PATRONS:

Shri Vijay Kumar Gupta *Chairman,
(Governing Body),
BIT Trust*

Shri I. P. Mishra *Ex-GM, BSP
Member Secretary
BIT Trust*

CHAIRMAN ORGANIZING COMMITTEE:

Dr. T. Rama Rao *Director, BIT Raipur*

Dr. Anup Mishra *Principal, BIT Raipur*

ADVISORY COMMITTEE:

Dr. M.K.Verma *Vice Chancellor, CSVTU Bhilai*

Dr. S. J. Dhole *RTM Nagpur University*

Dr. Jagjeet Kaur *Govt. V. Y. T. PG. Auto. Durg*

Prof. Hendrik Swart *University of Free State, S.A.*

Dr. Ashwani Sharma *Kajiranga University, Assam*

Dr. Vinod K. Singh *Dean SRGI, Jhansi*

CENTRAL ORGANIZING COMMITTEE:

Dr. Vikas Dubey *Dean R&D*

Dr. Md. Khwaja Mohiddin *Dean T & P*

Dr. Shilpa Sharma *Asst. Professor, Chemistry Dept.*

Prof. Jaideep Dewangan *Asst. Professor, EEE Dept.*

Prof. Shashikant Mishra *Asst. Professor, CSE Dept.*

Prof. Neha Sharma *Asst. Professor, ET&T Dept.*

Prof. Pritee Pandey *Asst. Professor, Chemistry Dept.*

Prof. K Anand babu *Asst. Professor, CIVIL Dept.*

Prof. Hemant Verma *Asst. Professor, EEE Dept.*

Prof. Abhilash Trivedi *Asst. Professor, Mech. Dept.*

CONVENOR

Prof. Abhishek Kumar Sahu *HOD EEE, BITR*

CO-CONVENOR

Prof. Rashmi Mishra *Asst. Prof., EEE, BITR*

ORGANIZING SECRETARY

Prof. Ritu Dubey *Asst. Prof., EEE, BITR*

ORGANIZING MEMBERS

Prof. Ritu Bhoi *Pro. Term Lecturer, EEE, BITR*

KEYNOTE SPEAKERS

Dr. Pradeep Kumar *Asst. Professor, NIT, Sikkim*

IMPORTANT DATES

Submission of Abstract Paper : **24th April, 2022**

Intimation of Acceptance : **26th April, 2022**

Receipt of Registration Form : **26th April, 2022**

REGISTRATION FEE

Professional from Industry : **Rs.1000/-**

Faculty : **Rs.800/-**

PG Students/Research Scholar : **Rs. 500/-**

UG Students : **Rs. 200/-**

➤ All the payments should be made by a crossed Demand Draft in favor of "**Bhilai Institute of Technology**" payable at "Raipur".

➤ NEFT or at Bank Counter

Beneficiary Acc. No. : 60031132503

Beneficiary Name : Principal,
Bhilai Institute of Technology,
Raipur

Bank : Bank of Maharashtra, Kendri

ADDRESS FOR CORRESPONDENCE

Duly filled application form should be mailed to:

Prof. Rashmi Mishra

CO- Convenor, Assistant Professor

Prof. Ritu Dubey

Organizing Secretary, Assistant Professor,
Bhilai Institute of Technology Raipur,
Kendri, New Raipur – 493 661, Chhattisgarh
Mobile Number : +91-82250-11187
: +91-78288-65474

E-mail: rashmimishra@bitraipur.ac.in

ritu.tiwari@bitraipur.ac.in

ELIGIBILITY

Academicians, Consulting Engineers, R&D Institutes, Government Departments and Agencies, Private Companies, Research Scholars and P.G. Students etc.

CALL FOR PAPERS

Selected papers will be published in International Journals. Prospective authors are requested to submit their full papers in MS Word format by E-mail to the addresses of correspondence. Please find the attached

3rd International Conference

On Emerging Trends & New Technologies in Electrical & Electronics Engineering

April 29-30, 2022

Application Form

1. Name (Block Letter):
2. Designation:
3. Organization:
4. Address for Communication:
Mobile No. : +91-
E-mail :
5. Highest Academic Qualification:
6. Specialization:
7. Experience:
(a) Teaching:
(b) Research:
(c) Industrial:
8. DD / Cash:
9. Amount:

Kindly register us for the International conference on "**Emerging Trends & New Technologies in Electrical & Electronics Engineering**" to be held at BIT Raipur **April 29th & 30th, 2022.**

Place :
Date :

Signature of the applicant