

Preamble

A substantial fraction of the national growth of the 21st century has been derived from advances in science and technology and their applications in manufacturing, infrastructure, energy, health, 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 ground breaking 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 and technology by managing those applying modern scientific management techniques and conveying them through effective and efficient communication skills. Innovations 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.

The Institute

Bhilai Institute of Technology initiated by few notable stalwarts of central India in 1986 has now evolved as one of the premier Technical and Management Institute of this part of the country imparting quality education and providing environment for academic research. BIT campus has a conducive and supportive academic ambience facilitating high quality education and research for about 3000 students of graduate, post graduate and doctoral programmes. Four of its undergraduate programs have been accredited once again in 2017 by the National Board of Accreditation (NBA) and the institute itself has been 'A' grade accredited by the National Accreditation and Assessment Council (NAAC) in 2017. The institute also has an installation of ISO 9001:2015.

BIT is well connected through Rail network as well as Air network of the country. BIT is at about 1km distance from the Durg Railway station on Howrah-Mumbai line and is about 45 km away from the Swami Vivekananda Airport at Raipur, the capital city of Chhattisgarh state.

The Department

The Department of Electrical and Electronics Engineering was incepted in the year 2007. This course enables students to imbibe concepts of two vital fields of technology in one course. The department has a dedicated, qualified faculty and staff who extend an ambience of effective teaching and learning. The faculty of the department support R&D activities like paper publications, guidance to post graduate and Ph.D. candidates. The Vision of the department is to impart education and transform students into competent professionals in Electrical and Electronics Engineering to excel in various challenges to serve society. The Mission of the department is to educate the students by inculcating vivid fundamental concepts and skills, to provide dynamic and disciplined environment with rich cultural, ethical and social sensitiveness and to equip the students to perform effectively as professionals in various fields of Electrical and Electronics Engineering.

Conference Objective

The conference is an annual event of Electrical and Electronics Engineering department with a mantle of bringing together researchers, practicing engineers and scholars to present and exchange technological ideas that lead to extension of the frontiers of knowledge in the field of Electrical and Electronics Engineering. This National Conference is a platform to the people from academia and industry to comprehend current scenario and to explore the advances in the field of Electrical and Electronics Engineering for National development. It also provides a rostrum to discuss one's research results and findings, practical challenges and solutions in the context of Electrical and Electronics Engineering

Themes and Sub Themes

The theme of the conference is "Frontiers in Electrical and Electronics Engineering". Topics include but not limited to:

- Electric drives and applications
- Power Quality, power system modeling and control
- Simulation and analysis HV, HVDC and FACTS
- Wind, solar and renewable energy
- Industrial Process Control, PLC, Instrumentation and automation
- Signals and Communication systems
- Microcontroller and Embedded systems
- Applications of soft computing Techniques in EEE

BITCON 2018

*Frontiers in Science, Technology &
Management for National Development*

NATIONAL CONFERENCE ON Frontiers in Electrical and Electronics Engineering for National Development

*Conducted By
Department of Electrical and
Electronics Engineering*

15th February 2018

REGISTRATION FORM

Name :
Designation :
Organization :
Mailing Address :
Mobile :
E-mail :
Phone :

Details of Registration Fees:

DD Drawn on:
Amount (in Rs.):
Demand Draft No. :
Date:

Date:
Place: **Signature of Applicant**

The applicant is sponsored for the conference. He/She is permitted to attend the conference.

Date:
Place: **Signature and Seal of
Sponsoring Authority**

Chief Patrons

Shri Vijay Kumar Gupta	Chairman (Governing Body), BIT Trust
Shri I.P. Mishra	Ex-GM, Bhilai Steel Plant & Member Secretary, BIT Trust

Patron

Dr. Arun Arora	Principal, BIT, Durg.
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Co-ordinator

Dr. M.V. Padmavati	Dean (R&D), BIT, Durg.
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Important Dates

Submission of full length papers	: 25 th January 2018
Intimation of acceptance deadline	: 30 th January 2018
Receipt of registration fees	: 5 th February 2018

Registration Fees

Research Scholar/PG student	: Rs. 500/-
Faculty Member	: Rs. 800/-
Professional from Industry	: Rs. 1000/-

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

2. NEFT or at Bank Counter

Beneficiary Account Number : 32471126372

Beneficiary Name : Bhilai Institute of Technology, Durg

Bank : State Bank of India, Sector-10, Bhilai

Address : Alka Departmental Stores, Sector-10, Bhilai (C.G.)

IFSC Code : SBIN0006942

(No TA/DA will be paid from the Institute)

Address for Correspondence

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Eligibility

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

Call for Papers

All accepted papers will be published in UGC indexed 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 template for further preparation of manuscript at www.bitdurg.ac.in/bitcon2018.

BITCON 2018

Frontiers in Science, Technology & Management for National Development

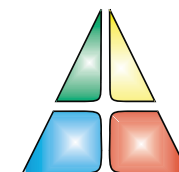
NATIONAL CONFERENCE ON Frontiers in Electrical and Electronics Engineering for National Development

15th February 2018



Organized By

*Department of Electrical and
Electronics Engineering*



ASPIRE TO EXCEL

BHILAI INSTITUTE OF TECHNOLOGY, DURG

(Seth Balkrishan Memorial)

Accredited with 'A' Grade by NAAC

NIRF 16-17 RANK-BAND: 151-200

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