

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 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 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 Vision of the Department is to create globally competent Civil Engineering professionals by delivering value based quality education to serve the society. The Mission of the Department is to put in honest, sincere and focused efforts to create peace, prosperity and growth for all stakeholders and produce globally competent Civil Engineering professionals who will be able to exhibit teamwork, commitment and the zeal to excel in all areas of civil engineering. Civil Engineering Department is one of the first core branches established in 1986 with a mission of offering qualitative technical education and effective interaction with industries giving special emphasis on R&D and Consultancy. The department is running PG Courses in Structural Engineering and Environmental Science and Engineering. The department is proud of its learned and experienced faculty, well-equipped laboratories and other infrastructure available. The department has been recognized as a consultancy centre for road construction, traffic census, material testing, structural design, etc. by leading private and government agencies. The department is having its own computer centre linked to the BIT LAN and advanced computing Lab with latest Software like STAAD PRO, ANSYS, etc.

Conference Objective

Civil engineering plays an important role in the development and improvement of civilization. Its endeavors are described as complex and diverse undertakings that tackle nonstandard challenges. Today's world is undergoing vast changes that create unique challenges for civil engineers of every sub discipline. These challenges and their manifestations in societies are often very complex in nature and require integrated approaches to solve. Research serves as an instrument to achieve that goal. Civil engineering is a discipline in which on-the-job research, investigation, and laboratory research play a major role. This conference is being organized with a view to motivate the academic research in Civil Engineering beneficial to the development of the nation.

Themes and Sub Themes

The theme of the conference hosted by Department of Civil Engineering would be "Frontiers in Civil Engineering for National Development" in tune with the main theme "Frontiers in Science, Technology & Management for National Development" but not limited to:

- Structural Engineering
- Water Resources Engineering
- Foundation and Geotechnical Engineering
- GIS and Remote Sensing
- Transportation Engineering
- Environmental Engineering
- Disaster Management and Mitigation
- Construction Management
- Construction Materials
- Soft Computing Applications

BITCON 2018

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

**NATIONAL CONFERENCE
ON
Frontiers in Civil Engineering
for National Development**

*Conducted By
Department of Civil 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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Dr. N.P. Dixit	Vice Chancellor, Durg University
Dr. R.P. Dubey	Vice Chancellor, CVRU, Bilaspur
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Dr. R.L. Shrivastava	Professor, YCCE Nagpur
Dr. K.K. Ghosh	Professor, RSU Raipur
Dr. S.P.S. Rajpoot	Professor, MNIT Bhopal
Dr. G.V.V. Sharma	Professor, IIT Hyderabad
Dr. Deepak Garg	Professor, Bennett University, Noida
Dr. Tassanee Prueksasit	Professor, Chulalongkorn University, Thailand
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Convener

Dr. M.K. Gupta	HOD (Civil Engineering)
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Organizing Secretary

Mr. A.A. Quereshi	Assistant Professor, (Civil Engineering)
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Organizing Committee

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Mrs. Mallika Jain	Mr. Sumit Gupta
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Mr. Tushar Saxena	

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.

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Organized By

Department of Civil Engineering



BHILAI INSTITUTE OF TECHNOLOGY, DURG

(Seth Balkrishan Memorial)

Accredited with 'A' Grade by NAAC

NIRF 16-17 RANK-BAND: 151-200

An ISO 9001:2015 CERTIFIED INSTITUTION

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