

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. Five of its undergraduate programs have been accredited once gain 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 stands in 150-200 NIRF rank - band in the category of Engineering in 2018 rankings. The institute 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 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 "Futuristic Trends in Civil Engineering for National Development" in tune with the main theme "Futuristic Trends in Science, Technology and 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 2019

Futuristic Trends in Science, Technology & Management for National Development

**NATIONAL CONFERENCE
ON**

**Futuristic Trends in Civil Engineering
for National Development**

Conducted By

Department of Civil Engineering

1st March 2019

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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Prof. Shailendra Saraf	Vice Chancellor, Durg University
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Dr. M. K. Gupta	HOD (Civil Engineering)
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Mrs. Madhumati Kumari Yadav	Assistant Professor
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Mr. Tushar Saxena	

Important Dates

Submission of full length papers	: 15 th February 2019
Intimation of acceptance deadline	: 17 th February 2019
Receipt of registration fees	: 20 th February 2019

Registration Fees

Research Scholar/PG student	: Rs. 500/-
Faculty Member	: Rs. 800/-
Professional from Industry	: Rs. 1000/-
UG Student	: Rs. 300/-

- All the payments should be made by a crossed Demand Draft in favor of "Bhilai Institute of Technology" payable at "Durg".
- 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 TADA 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 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/bitcon2019.

BITCON 2019

*Futuristic Trends in Science, Technology &
Management for National Development*

NATIONAL CONFERENCE ON

**Futuristic Trends in Civil Engineering
for National Development**

1st March 2019



Organized By

Department of Civil Engineering



BHILAI INSTITUTE OF TECHNOLOGY, DURG

(Seth Balkrishan Memorial)

Accredited with 'A' Grade by NAAC

NIRF 17-18 RANK-BAND: 151-200

An ISO 9001:2015 CERTIFIED INSTITUTION

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