

Preamble

At the moment, Corona virus (Covid-19) is throwing new challenges to scientific community. This global pandemic has brought Nations together to find a solution. New solutions are coming up continuously to combat the current challenges. In this situation BIT, Durg stands strong with the institute Motto “Aspire to Excel”.

The streamed conference is the need of present situation with the cardinal point of importance of the conference aiming at exploring New Horizons in Science, Technology and Management to Combat Current Challenges through innovative research. 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. This will be essential in combating the ongoing challenges which cause hindrances to National Growth.

The proposed online conference will make an honest attempt to meet up the expectations and may become a viable option to take a way forward towards “ATMA NIRBHAR BHARAT”.

The Institute

Bhilai Institute of Technology initiated by notable stalwarts of central India in 1986 with a vision to become one of the Premier Technical and Management Educational Institutions in the Country, delivering excellent professional education, creating value based, globally competitive professionals and achieving excellence in all our endeavors.

BIT campus has a conducive and supportive academic ambience facilitating high quality education and research for more than 4000 students of bachelors, masters and doctoral programs. BIT, Durg is the first technical institute in the state to be conferred Autonomous Status by UGC, Government of India. Seven of its undergraduate programs have been accredited by NBA and the institute itself has been “A” grade accreditation by NAAC. The institute stands in NIRF 2020 Rank-band: 251-300 in the category of Engineering. Under AICTE Margdarshan Scheme, the institute is mentoring ten technical institutions to encourage best practices.

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

The primary objective of the national conference on civil engineering is to bring together leading academic scientists, researchers and research scholars to meet and share cutting-edge development in the civil engineering. It also discusses the most recent innovations, trends, and concerns to combat current challenges in Civil engineering. 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.

Themes and Sub Themes

The theme of the conference hosted by Department of Civil Engineering would be “New horizons in Civil Engineering to Combat Current Challenges” in tune with the main theme “New horizons in Science, Engineering and Management to Combat Current Challenges” 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 2020

New Horizons in Science, Engineering and Management to Combat Current Challenges

**NATIONAL CONFERENCE
ON
New horizons in Civil Engineering to Combat
Current Challenges**

*Conducted By
Department of Civil Engineering*

20TH November 2020

REGISTRATION FORM

Name :
Designation :
Organization :
Mailing Address :
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.*

Co-ordinator

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

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Dr. Mohan Gupta	Dean (Infrastructure Development), BIT, Durg
Dr. Santosh Sar	Dean (Student Welfare), BIT, Durg
Dr. Anup Mishra	Dean (Administration), BIT, Durg

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Organizing Secretary

Mrs. Mallika Jain

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Mr. Hitesh Sharma	Dr. S.K. Jaiswal

Important Dates

Submission of full length papers : 31st October 2020
Intimation of acceptance deadline: 07th November 2020
Receipt of registration fees : 15th November 2020

Registration Fees

Research Scholar/PG student : Rs. 500
Faculty Member : Rs. 800
Professional from Industry : Rs. 1000
UG Student : Rs. 200

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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Bhilai Institute of Technology, Durg (C.G.)

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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

Selected 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/bitcon2020.

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*New Horizons in Science, Engineering and Management to
Combat Current Challenges*

**NATIONAL CONFERENCE
ON**

**New horizons in Civil Engineering to Combat
Current Challenges**

20th November 2020



Organized By

Department of Civil Engineering



ASPIRE TO EXCEL

BHILAI INSTITUTE OF TECHNOLOGY, DURG

(Seth Balkrishan Memorial)

BHILAI HOUSE, DURG 491001 (C.G.) INDIA

1st Autonomous Technical Institution in Chhattisgarh

Accredited with 'A' Grade by NAAC

NIRF 2020 RANK-BAND: 251-300

Website: <http://www.bitdurg.ac.in/>

Phone: (0788) 2359297

Conference Website: <http://www.bitdurg.ac.in/bitcon2020>



ALL UG COURSES



NAAC "A" GRADE



RANK BAND 251-300
2020



ISO 9001:2015

