

Preamble

National Education Policy (NEP) 2020 aims at innovative and multidisciplinary learning. AICTE is establishing IDEA LAB in different institutions across India to increase multidisciplinary approach among faculty and students. As a common facility embedded in the institution, the IDEA Lab will make students, faculty and researchers more imaginative and creative, besides getting basic training in the 21st-century skills like- critical thinking, problem-solving, research, collaboration, communication, lifelong learning, etc. The IDEA Lab also intends to encourage teachers to conduct “multidisciplinary education and research” emphasized in the NEP 2020.

Being the part of IDEA lab initiative by AICTE, this online conference is aiming at exploring MULTIDISCIPLINARY RESEARCH IDEAS IN SCIENCE, ENGINEERING AND MANAGEMENT through innovative research.

The Institute

Bhilai Institute of Technology, Durg is 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. BIT, Durg is selected by AICTE to establish IDEA Lab in 2021. BIT, Durg is introducing two new under graduate courses B. Tech (CSE) in Data Science and B. Tech (CSE) in Artificial Intelligence from the academic session 2021-22.

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 accredited by NBA. 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 context of the conference is to present advances, in the relevant fields and to foster an environment conducive to exchanging ideas and information with transcendental growth, recent trends, innovations and security issues involved in the domain of civil engineering and their impact on societal applications through various brainstorming sessions.

The conference will facilitate the valuable discussion especially for students, post graduate Students, Research Scholars and industrial experts in order to make the outcomes more realistic by elaborating about the futuristic approaches along with major bottlenecks

Themes and Sub Themes

The theme of the conference hosted by Department of Civil Engineering would be “Advancements and Innovations in Civil Engineering” in tune with the main theme “Multidisciplinary Research Ideas in Science, Engineering and Management” 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 2021

Multidisciplinary Research Ideas in Science, Engineering and Management

**NATIONAL CONFERENCE
ON
Advancements and Innovations in Civil
Engineering**

*Conducted By
Department of Civil Engineering*

22ND & 23RD October 2021

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**

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Shri I.P. Mishra *Ex-GM, Bhilai Steel Plant & Member Secretary, BIT Trust*

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Co-coordinator

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Important Dates

Submission of full length papers : 1st October 2021
Intimation of acceptance deadline : 07th October 2021
Receipt of registration fees : 15th October 2021

Registration Fees

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

Participation certificate will be issued only to registered candidates.

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`

The template for preparation of manuscript for BITCON 2021 is available at www.bitdurg.ac.in/BITCON. Papers in proper format and with plagiarism similarity score not more than 35% will only be included in the BITCON 2021 proceedings.

Selected papers with plagiarism similarity score not more than 10% will be sent for publication in reputed journals. Such manuscripts may have to be revised, initially as per the format of the journal and later as per reviewer comments (if any).

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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) 2359424

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



ALL UG COURSES



NAAC "A" GRADE



RANK BAND 251-300
2020



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