

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.

The Department

The Department of information Technology was established in the year 2000. The four years degree course is accredited by National Board Accreditation and affiliated to Chhattisgarh Swami Vivekananda University since 2005. The course focuses on outpouring technical competence to students for working in IT sector, to engage them in life-long learning, to make them communicate effectively and to exhibit leadership skills. The Department has to its credit IEEE Computer Society Chapter, the only CS Student Chapter in Chhattisgarh. Student’s real-time projects yield at least one copyright from Govt. of India every year. For innovations, various workshops in collaboration with IITs are conducted every year. Students hold positions in National level Smart India Hackathons and Start-up initiatives. The Department’s IoT club conducts International level events every year. The Department of Computer Applications was established in 1998.

The Department of Computer Applications offers Master’s Degree MCA and Ph. D. Degree. The Department is known for building high quality programmers, researchers, through experienced faculty members, latest infrastructure and discipline. The Department is possessed with the aspiring team which aims to excel in generating competent professionals at National and International levels. The Department lays stress on practical and application based aspects through labs, seminars, group discussions, Viva- Voce and project work, keeping pace with the growth in computer applications.

Conference Objective

The Conference aims to showcase the recent trends and approaches by the academicians, researchers, executives, professionals, students and many others. This conference will provide a platform to discuss the factors related to Trends in development of Intelligent Systems. It will be a forum for sharing novel ideas and concepts and endeavor to examine the different dimensions for successfully implementing technologies for the fast changing need of the hour. It will enact as a background for knowledge sharing in the field of Information Technology so as to satisfy real world problems among all strata of the society.

Themes and Sub Themes

- ❖ Computational Intelligence
- ❖ Information Processing
- ❖ E-Security
- ❖ Cloud Computing
- ❖ Distributed Information Technology
- ❖ Internet and Web Applications
- ❖ Image Analysis and Image Processing
- ❖ Information Visualization
- ❖ Mobile and Pervasive Technologies
- ❖ IoT
- ❖ Simulation and Modeling
- ❖ IT in Emerging Economies and NGOs
- ❖ Software Development Technologies
- ❖ Soft computing
- ❖ Data Mining and Knowledge Discovery
- ❖ Deep learning
- ❖ Entrepreneurship and Data Analysis
- ❖ Business Intelligence
- ❖ Big-Data Processing
- ❖ Internet Technology
- ❖ Artificial Intelligence
- ❖ Natural Language Processing
- ❖ Automata Theory
- ❖ Parallel Computing
- ❖ Database technologies
- ❖ Other relevant topics

BITCON 2021

*Multidisciplinary Research Ideas in Science, Engineering
and Management*

**NATIONAL CONFERENCE
ON**

**Online Innovations using Computational
Intelligence: A Global Perspective**

Conducted By

*Department of Information Technology
&
Department of Computer Applications*

22ND & 23RD October 2021

REGISTRATION FORM

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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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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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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

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ALL UG COURSES 5



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