## 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 Department of Computer Science and Engineering was established in 1998. As on date, the department steers itself with a Vision to provide cutting edge learning environment and nurture talent to produce world class computer professionals with ethical values who could excel in industry and research. The prime educational objective is spreading engineering ethics, domain prospects, diversification and self-sustained learning environment among budding computechnocrats. The department offers two under-graduate courses: B.Tech (Computer Sc. and Engineering) and B. Vocational Training (Software Development) with two more new under graduate courses: BTech (Data Science) and BTech (Artificial Intelligence); two postgraduate courses: M.Tech (Computer Networks) and M.Tech(Data Science) as well as doctoral courses in major and allied specializations of the discipline. The backbone of the department is reflected by atpar-quality research of international and national reputes, experienced teaching fraternity and latest infrastructure sufficing the flagship of the excelling department in all endeavors. The B.Tech (CSE) program of the department is accredited by the National Board of Accreditation (NBA) for third time till 30.06.2023.

## **Conference** Objective

The objective of this conference **Multidisciplinary Research Innovations in Computational Design and Engineering 2021** is to provide a national forum for portraying research highlights by various prominent researcher-cum-academicians, software and hardware developers, software practitioners-cum-maintenance professionals from all the learning centres and industry arenas, country wide. As the event attempts to capture attention from diversified computing domains, manuscripts are invited to present un-published works on the latest and or innovative developments, technical and or commercial solutions under broad domains of computing techniques, networking and administration, system architectures, software and hardware simulation, software development, engineering, management, security, automated intelligent systems design and last but not the least to explore in multidisciplinary research fields.

## **Themes and Sub Themes**

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Cryptography and Network	*	Parallel Computing	
Security	*	Cloud Computing	
Software Engineering	*	Automated Verification	
6 6	*	Machine Learning	Date:
Image Processing	*	Deep Learning	Place:
Pattern Recognition	*	Natural Language Processing	
Modelling and Simulation	*	Algorithms	The applicant is sp
Robotics	*	Human Computer Interface	
Networking	*	Network Security	permitted to attend t
U	*	Enterprise Solutions	
Soft Computing	*	Computational Biology	
Formal Methods	*	Cybernetics	Deter
Forecasting	*	Big Data Analytics	Date:
Mobile Computing	*	Embedded Systems	Place: Sig
Wireless Technology	*	Covid19 Challenges	
	*	Real-time Challenges	
Signal Processing	•••	Block Chain	

# **BITCON 2021**

Multidisciplinary Research Ideas in Science, Engineering and Management

## NATIONAL CONFERENCE ON

Multidisciplinary Research Innovations in Computational Design and Engineering

Conducted By Department of Computer Science and Engineering

## 22<sup>nd</sup> & 23<sup>rd</sup> October 2021

## **REGISTRATION FORM**

Name	:
Designation	:
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Phone	:

#### **Details of Registration Fees:**

DD Drawn on: Amount (in Rs.): Demand Draft No. : Date:

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ate: lace:	Signature of Applicant	
he applicant is sponsored ermitted to attend the confe	for the conference. He/She is rence.	

Signature and Seal of Sponsoring Authority

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## **Important Dates**

Submission of full length papers	:	1st OCTOBER 2021
Intimation of acceptance deadline	:	07 <sup>th</sup> OCTOBER 2021
Receipt of registration fees	:	15 <sup>th</sup> 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.

 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 TA/DA will be paid from the Institute)

## **Address for Correspondence**

Mrs. Shweta Kharya Associate. Professor,

Department of Computer Science and Engineering Bhilai Institute of Technology, Bhilai House, Durg Chhattisgarh, Pin: 491001

Mobile: 9827935591 Email id: bitcon2021cse@gmail.com

#### 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 Computer Science and Engineering



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BHILAI INSTITUTE OF TECHNOLOGY, DURG

(Seth Balkrishan Memorial) BHILAI HOUSE, DURG 491001 (C.G) INDIA 1<sup>st</sup> Autonomous Technical Institution in Chhattisgarh <u>Accredited with 'A' Grade by NAAC</u> NIRF 2020 RANK-BAND: 251-300 Website: <u>http://www.bitdurg.ac.in/</u> Phone: (0788) 2359424 Conference Website: http://www.bitdurg.ac.in/BITCON

