

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 BITDURG 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 Department of Computer Applications was established in 1998. The Department offers Master Degree MCA and Ph. D Degree. The Department is known for building high quality programmers, researches, through experienced faculty members, latest infrastructure and discipline. The department possessed with the aspiring team 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 Objectives

The objective of this conference is to provide a common podium to National researchers, academicians, practicing Engineers, and Industry leaders intended for discussions of their high quality innovative ideas and research outcomes in the field of Computer Applications to meet the aim of National Development specifically for “Digital India Mission”. The purpose of the conference is to identify the Challenging problems of Innovative Computations to shape the future directions of research by soliciting and reviewing high quality applied and theoretical research findings

Themes and Sub Themes

Call for papers to present and publish their innovative ideas/discoveries/ researches etc. in terms of oral as well as poster presentations extremely relevant to the objective. The theme of the conference is-

“Innovations in Computer Applications towards Nation Development”

The contributors may be from the following Subjects:

- ❖ Soft computing.
- ❖ Deep learning
- ❖ Data mining.
- ❖ Big-Data Processing
- ❖ Neural Network.
- ❖ Image processing.
- ❖ Networking.
- ❖ Internet Technology
- ❖ Artificial Intelligence
- ❖ Cloud computing
- ❖ Internet of Things
- ❖ Natural Language Processing.
- ❖ Automata Theory.
- ❖ Parallel Computing.
- ❖ Software Engineering and project management.
- ❖ Database technologies.
- ❖ Security in Computation.
- ❖ Software development languages.
- ❖ Other relevant topics

BITCON 2020

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

**NATIONAL CONFERENCE
ON**

**Recent Computer Applications for Socio-
Economic Development of the Nation**

*Conducted By
Department of Computer Applications*

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	<i>Chairman (Governing Body), BIT Trust</i>
Shri I.P. Mishra	<i>Ex-GM, Bhilai Steel Plant & Member Secretary, BIT Trust</i>

Patron

Dr. Arun Arora	<i>Principal, BIT, Durg.</i>
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Co-ordinator

Dr. M.V. Padmavati	<i>Dean (R&D), BIT, Durg.</i>
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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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Department of Computer Applications
Bhilai Institute of Technology, Durg

Email: dr.karmakars@gmail.com,
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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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Organized By

Department of Computer Applications



ASPIRE TO EXCEL

BHILAI INSTITUTE OF TECHNOLOGY, DURG

(Seth Balkrishnan 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>

