

Preamble

A substantial fraction of the national growth of the 21st century has been derived from advances in science and technology and their applications in manufacturing, infrastructure, energy, health, environment, information and communication technologies, resource management and many other sectors through mastering the adoption, adaptation and advancement of existing technologies, as well as the creation of new ones. 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.

The cardinal point of importance of the conference aims at enriching and enhancing the quality of innovation research of the issues at the core of national growth through developments in the sectors of science and technology by managing those applying modern scientific management techniques and conveying them through effective and efficient communication skills. Innovations will be essential in combating the challenges which cause hindrances to National Growth. The proposed conference will put an honest attempt to meet up the expectations of the common people in developing the nation through innovations.

The Institute

Bhilai Institute of Technology initiated by few notable stalwarts of central India in 1986 has now evolved as one of the premier Technical and Management Institute of this part of the country imparting quality education and providing environment for academic research. BIT campus has a conducive and supportive academic ambience facilitating high quality education and research for about 3000 students of graduate, post graduate and doctoral programmes. Five of its undergraduate programs have been accredited once gain in 2017 by the National Board of Accreditation (NBA) and the institute itself has been A grade accredited by the National Accreditation and Assessment Council (NAAC) in 2017. The institute stands in 150-200 NIRF rank - band in the category of Engineering in 2018 rankings. The institute has an installation of ISO 9001:2015.

BIT is well connected through Rail network as well as Air network of the country. BIT is at about 1km distance from the Durg Railway station on Howrah-Mumbai line and is about 45 km away from the Swami Vivekananda Airport at Raipur, the capital city of Chhattisgarh state.

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 computing technology

Conference Objective

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-

"Innovative Computing 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.

BITCON 2019

Futuristic Trends in Science, Technology & Management for National Development

NATIONAL CONFERENCE ON Innovations in the field of Computer Applications.

*Conducted By
Department of Computer
Applications*

1st March 2019

REGISTRATION FORM

Name :
Designation :
Organization :
Mailing Address :
Mobile :
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.
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Co-ordinator

Dr. M.V. Padmavati	Dean (R&D), BIT, Durg.
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Prof. Shailendra Saraf	Vice Chancellor, Durg University
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Dr. (Mrs.) Sunita Soni	HOD (Computer Applications)
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Dr. Sanjeev Karmakar

Organizing Committee

Mr. B. Verghese
Mr. Amit Biswas
Mr. Neeraj Kharya
Mrs. Shweta Khraya
Mrs. Vinita Gupta

Important Dates

Submission of full length papers	: 15 th February 2019
Intimation of acceptance deadline	: 17 th February 2019
Receipt of registration fees	: 20 th February 2019

Registration Fees

Research Scholar/PG student	: Rs. 500/-
Faculty Member	: Rs. 800/-
Professional from Industry	: Rs. 1000/-
UG Student	: Rs. 300/-

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 TADA 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

Selected papers will be published in 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/bitcon2019.

BITCON 2019

*Futuristic Trends in Science, Technology &
Management for National Development*

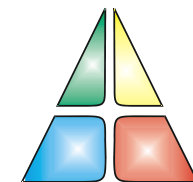
**NATIONAL CONFERENCE
ON
Innovations in the field of
Computer Applications**

1st March 2019



Organized By

Department of Computer Applications



ASPIRE TO EXCEL

BHILAI INSTITUTE OF TECHNOLOGY, DURG

(Seth Balkrishan Memorial)

Accredited with 'A' Grade by NAAC

NIRF 17-18 RANK-BAND: 151-200

An ISO 9001:2015 CERTIFIED INSTITUTION

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