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 Vivekanda Airport at Raipur, the capital city of Chhattisgarh state.

The Department

The Information Technology meets the hardware aspects of production with an in-depth knowledge of software. The stretch of real time requirement and the technical knowhow has created immense requirement for the professionals in the field of information technology. The Department of information Technology was established in the year 2000. The four year degree course is approved by All India Council for Technical Education and had earlier been affiliated to Pt. Ravishanker Shukla University since 2000, followed by affiliation to Chhattisgarh Swami Vivekananda University since 2005. The course focuses on outpouring technical competence to students to work in IT sector, to engage them in life-long learning, to make them communicate effectively, and to exhibit leadership skills.

Conference Objective

The conference aims to develop recent trends and approaches for the academicians, researchers, executives, professionals, students and many others. This conference will provide a platform to discuss the factors related to Trends in Machine Learning as well as Data Science. It will be a forum for sharing novel ideas and concepts and endeavor to examine the different dimensions for successfully implementing the fast changing and need of the hour technologies. This 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

Research Trends in Machine Learning and Data science

- Smart Technologies
- 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
- Data Mining and Knowledge Discovery
- Entrepreneurship and Data Analysis
- Network Security

BITCON 2019

Futuristic Trends in Science, Technology & Management for National Development

NATIONAL CONFERENCE ON
Research Trends in Machine Learning and Data Science

Conducted By
Department of Information Technology

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**

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

Patron

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Co-ordinator

Dr. M.V. Padmavati — Dean (R&D), BIT, Durg.

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Important Dates

Submission of full length papers	:	15th February 2019
Intimation of acceptance deadline	:	17th February 2019
Receipt of registration fees	:	20th 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 TA/DA will be paid from the Institute)

Address for Correspondence

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Assistant Professor

Department of Information Technology

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Mob: +91 9827729791

E-mail: ksubhashinispurjeon@gmail.com

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/bitcon 2019.

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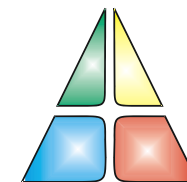
NATIONAL CONFERENCE ON

Research Trends in Machine Learning and Data Science

1st March 2019

Organized By

Department of Information Technology

ASPIRE TO EXCEL

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