

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 groundbreaking 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 vision of Department of Applied Chemistry is-“Aspire to become hub of excellence in fundamental & applied research and teaching benefiting all stakeholders”. The mission of the department is to provide a vibrant atmosphere to undergraduate students to nurture the spirit of scientific enquiry, to prepare doctoral candidates to become independent and creative practitioners of chemistry, to motivate the faculty, to develop knowledge and skill and to develop wide range of research representing interdisciplinary activities. The department comprises of qualified, trained faculty who have maintained an active and rich research culture. The departmental research has been supported by DAE, BRNS, DST, AICTE, CCOST, CG medicinal plant board. The faculty has been active in organizing seminar/ conferences / STTP/ SDP time to time. The faculty members are invited as resource person in various National and international conference/seminar and universities. Teaching and research is supported by well developed laboratory equipment. Faculties have expertise in giving consultancy to various environmental issues and testing environmental samples.

Conference Objective

Environmental protection has assumed a great significance in Indian context today. Rapid industrialization, urbanization and development of infrastructure have taken a very heavy toll of Indian environment. This is the right time to take adequate preventive measures to avoid the problem being faced by the developed countries regarding environmental deterioration. The encountered problems require immediate scientific attention to find appropriate and cost effective solution. This conference will provide a platform to bring together the researchers, academicians and experts for cross pollination of ideas on all related topics including pollution detection, environmental remediation, and pollution prevention. It will also help for future planning and forecasting in designing novel methods for pollution control.

Themes and Sub Themes

Pollution management and Sustainable environment

Sub Theme:

- Waste to energy Technologies
- Groundwater & surface water management
- Pollution monitoring & treatment options
- Air pollution control and equipment
- Clean energy investment
- Bioremediation
- Environmental engineering, Ecology and agriculture
- Industrial and municipal waste management
- Environmental safety and regulation
- Biodiversity conservation, climate change, global warming
- Pollution & Health, Ecotoxicology, Therapeutic chemistry
- Organic-inorganic chemistry

BITCON 2019

Futuristic Trends in Science, Technology & Management for National Development

**NATIONAL CONFERENCE
ON**

**Environmental Protection: Challenges
and Development Alternatives**

Conducted By

Department of Applied Chemistry

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
Dr. R.P. Dubey	Vice Chancellor, CVRU, Bilaspur
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Dr. K.K. Ghosh	Professor, RSU Raipur
Dr. S.P.S. Rajpoot	Professor, MNIT Bhopal
Dr. G.V.V. Sharma	Professor, IIT Hyderabad
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Convener

Dr. Madhurima Pandey	(Professor & H.O.D. Applied Chemistry)
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Organizing Secretary

Dr. Yashu Verma	(Assistant Professor)
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Organizing Committee

Dr. Santosh Kumar Sar	(Professor)
Dr. Sumita Nair	(Associate Professor)

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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Eligibility

Academicians, Consulting Engineers, R&D Institutes, Government Departments and Agencies, Private Companies, Research Scholars and P.G. Students.

Call for Papers

All accepted 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**

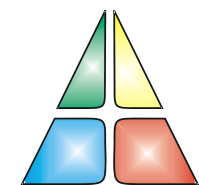
**Environmental Protection: Challenges &
and Development Alternatives**

1st March 2019



Organized By

Department of Applied Chemistry



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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