

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. Four of its undergraduate programs have been accredited once again 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 also 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 the undergraduate students to nurture the spirit of scientific inquiry, 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 faculties who have maintained an active and rich research culture. The Department 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 been expertise in giving consultancy to various environmental issues and testing environmental samples.

Conference Objective

This Conference will provide a unique platform for eminent Professionals, Scientists, Researchers, Academicians, and Entrepreneurs across the Nation to participate and share their research advancements and setting new boundary for technologies. The conference is all about promoting global health issues and advanced scientific technologies used to control and regulate the pollution. This conference includes various types of pollutions, human impact on the environment, pollution risk assessment, advanced control methods. Science and Technology can enable countries to increase the efficiency of resource uses and raise living standard necessary for global prosperity and long term sustainability. A lot have been learnt about what works and what does not work in the area of sustainable development but still new challenges are yet to be faced for the irreparable damage caused by environmental pollution. This ambition will proceed in a multidisciplinary way across the various fields and perspectives, through which we can address scientific frontiers in area of environmental chemistry and pollution research.

Themes and Sub Themes

Theme covers the frontiers in the area of:

- Air, water & soil pollution
- Bioremediation of toxic metals
- Environmental modeling
- Green industrial processes
- Nanotechnology
- Solid waste management
- Surface Chemistry

BITCON 2018

*Frontiers in Science, Technology &
Management for National Development*

**NATIONAL CONFERENCE
ON**

**Research Frontiers in Environmental
Chemistry**

Conducted By

Department of Applied Chemistry

15th February 2018

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.
-----------------------	-----------------------

Co-ordinator

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

Advisory Committee

Dr. M.K. Verma	Vice Chancellor, CSVTU, Bhilai
Dr. N.P. Dixit	Vice Chancellor, Durg University
Dr. R.P. Dubey	Vice Chancellor, CVRU, Bilaspur
Dr. Deepankar Choudhary	Professor, IIT Mumbai
Dr. R.L. Shrivastava	Professor, YCCE Nagpur
Dr. K.K. Ghosh	Professor, RSU Raipur
Dr. S.P.S. Rajpoot	Professor, MNIT Bhopal
Dr. G.V.V. Sharma	Professor, IIT Hyderabad
Dr. Deepak Garg	Professor, Bennett University, Noida
Dr. Tassanee Prueksasit	Professor, Chulalongkorn University, Thailand
Dr. S.K. Ganguly	Dean (Quality Management), BIT, Durg
Dr. Manisha Sharma	Dean (Academics), BIT, Durg
Dr. Mohan Gupta	Dean (Infrastructure Development), BIT, Durg
Dr. Santosh Kumar Sar	Dean (Students Welfare), BIT, Durg
Dr. Anup Mishra	Dean (Administration), BIT, Durg

Coordinating Committee

Dr. Manoj Pal	Mr. Vikas Pandey
Dr. Surekha Bhusnur	Mr. Pawan Patnaik
Dr. Sumita Nair	Mr. Prashant Sahu
Dr. Anjana Shekhar	Dr. Sheetal Sharma
Mr. Amit Kumar Biswas	Dr. Anindita Chakraborty
Dr. Naveen Dewangan	Mrs. Monika Verma
Dr. G.C. Biswal	Mr. Hitesh Sharma

Convener

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

Organizing Secretary

Dr. Sumita Nair	(Associate Professor, Applied Chemistry)
------------------------	--

Organizing Committee

Dr. Santosh Kumar Sar	(Professor)
Dr. Yashu Verma	(Assistant Professor)

Important Dates

Submission of full length papers	: 25 th January 2018
Intimation of acceptance deadline	: 30 th January 2018
Receipt of registration fees	: 5 th February 2018

Registration Fees

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

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

Dr. Sumita Nair

Associate Professor,

Department of Applied Chemistry,

Bhilai Institute of Technology, Bhilai House, Durg

Chhattisgarh, Pin: 491001

Mobile : 9425245135

Email id : sumita.nair@bitdurg.ac.in

madhurima.pandey@bitdurg.ac.in

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 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/bitcon2018.

BITCON 2018

Frontiers in Science, Technology & Management for National Development

NATIONAL CONFERENCE ON Research Frontiers in Environmental Chemistry

15th February 2018



Organized By

Department of Applied Chemistry



BHILAI INSTITUTE OF TECHNOLOGY, DURG

(Seth Balkrishan Memorial)

Accredited with 'A' Grade by NAAC

NIRF 16-17 RANK-BAND: 151-200

An ISO 9001:2015 CERTIFIED INSTITUTION

BHILAI HOUSE, DURG 491001 (C.G) INDIA

PHONE: (0788) 2359297, 2359163, 2359424

FAX: (0788) 2329263

WEBSITE: <http://www.bitdurg.ac.in/bitcon2018>

