

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 BIT, Durg 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 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 aims to provide a unique platform for eminent Professionals, Scientists, Researchers, Academicians, and Entrepreneurs across the Nation to share experiences and research results about all aspects of Environmental Chemistry. This event will provide an opportunity to discuss about global environmental health issues and advanced scientific technologies used to combat, control and regulate the environmental crisis. Discussion on various types of pollutions, human impact on the environment, pollution risk assessment, advanced control methods is also encouraged. Thus the Conference will support to combat environmental challenges across countries during the Corona virus pandemic.

Themes and Sub Themes

Theme covers the modern trends to combat current challenges in the area of:

- ❖ Air, Water & Soil pollution
- ❖ Bioremediation of Toxic Metals
- ❖ Biotechnology
- ❖ Biochemistry
- ❖ Environmental Sustainability
- ❖ Pollution Control Processes
- ❖ Green Industrial Processes
- ❖ Nanotechnology
- ❖ Solid Waste Management
- ❖ Surface Chemistry

BITCON 2020

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

**NATIONAL CONFERENCE
ON**

*Modern Trends in Environmental Chemistry to
Combat Current Challenges*

*Conducted By
Department of Applied Chemistry*

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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Advisory Committee

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Dr. R. P. Dubey	Vice Chancellor, CVRU, Bilaspur
Dr. R. P. Vasani	Director, SAL Technical Campus, Ahmedabad
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Dr. Souradyuti Paul	Professor, IIT, Bhilai
Dr. Deepak Garg	Professor, Bennett University, Noida
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Dr. Mohan Gupta	Dean (Infrastructure Development), BIT, Durg
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Convener

Dr. (Mrs.) Madhurima Pandey

Organizing Secretary

Dr. (Mrs.) Sumita Nair

Organizing Committee

Dr. Santosh Sar
Dr. Yashu Verma
Mrs. Jagriti Khichariya

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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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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ON**

*Modern Trends in Environmental Chemistry to
Combat Current Challenges*

20th November 2020



Organized By
Department of Applied Chemistry



BHILAI INSTITUTE OF TECHNOLOGY, DURG

(Seth Balkrishan 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>

