

Preamble

National Education Policy (NEP) 2020 aims at innovative and multidisciplinary learning. AICTE is establishing IDEA LAB in different institutions across India to increase multidisciplinary approach among faculty and students. As a common facility embedded in the institution, the IDEA Lab will make students, faculty and researchers more imaginative and creative, besides getting basic training in the 21st-century skills like- critical thinking, problem-solving, research, collaboration, communication, lifelong learning, etc. The IDEA Lab also intends to encourage teachers to conduct “multidisciplinary education and research” emphasized in the NEP 2020.

Being the part of IDEA lab initiative by AICTE, this online conference is aiming at exploring MULTIDISCIPLINARY RESEARCH IDEAS IN SCIENCE, ENGINEERING AND MANAGEMENT through innovative research.

The Institute

Bhilai Institute of Technology, Durg is 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. BIT, Durg is selected by AICTE to establish IDEA Lab in 2021. BIT, Durg is introducing two new under graduate courses B. Tech (CSE) in Data Science and B. Tech (CSE) in

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 the encountered problems require immediate scientific attention to final 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

Theme covers the green chemistry and sustainable environment in the area of:

- ❖ Green Synthesis,
- ❖ Waste minimization Techniques,
- ❖ Energy Conversion and Storage,
- ❖ Green Engineering & Manufacturing,
- ❖ Green Chemistry applications in different industries,
- ❖ Applied and Industrial Chemistry,
- ❖ Nanotechnology
- ❖ Environmental Chemistry
- ❖ Air Pollution
- ❖ Water treatment technology

BITCON 2021

Multidisciplinary Research Ideas in Science, Engineering and Management

**NATIONAL CONFERENCE
ON**

Recent trends in Environment and Sustainable development

*Conducted By
Department of Applied Chemistry*

22ND & 23RD October 2021

REGISTRATION FORM

Name :
Designation :
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Mailing Address :
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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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Dr. Manisha Sharma *Vice-Principal, BIT, Durg.*

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Co-coordinator

Dr. Pawan Patnaik *Associate Professor, BIT, Durg.*

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Dr. Yashu Verma *Assistant Professor*

Organizing Committee

Dr. Madhurima Pandey *Professor*
Dr. Sumita Nair *Associate Professor*
Mrs Jagriti Khichariya *Assistant Professor*

Important Dates

Submission of full length papers : 1st OCTOBER 2021
Intimation of acceptance deadline : 07th OCTOBER 2021
Receipt of registration fees : 15th OCTOBER 2021

Registration Fees

Research Scholar/PG student : Rs. 500
Faculty Member : Rs. 800
Professional from Industry : Rs. 1000
UG Student : Rs. 200

Participation certificate will be issued only to registered candidates.

- All the payments should be made by a crossed Demand Draft in favor of "Bhilai Institute of Technology" payable at "Durg".
- 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

The template for preparation of manuscript for BITCON 2021 is available at www.bitdurg.ac.in/BITCON. Papers in proper format and with plagiarism similarity score not more than 35% will only be included in the BITCON 2021 proceedings.

Selected papers with plagiarism similarity score not more than 10% will be sent for publication in reputed journals. Such manuscripts may have to be revised, initially as per the format of the journal and later as per reviewer comments (if any).

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ASPIRE TO EXCEL

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/BITCON>



ALL UG COURSES



NAAC "A" GRADE



RANK BAND 251-300
2020



ISO 9001:2015

