

Deshbandhu College

Department of Chemistry, University of Delhi

in Association

with

Augusta University (USA)

Indian Society of Chemists & Biologists (ISCB)

Indian Association of Solid-State Chemists and Allied Scientists
(ISCAS)

PRESENTS

International Conference on

**Integrative Chemical Science for Health &
Environment – 2023**

International Conference on Integrative Chemical Science for Health & Environment -2023 (ICHE-2023) aims to bring together academicians and researchers for discussions and long-term sharing of knowledge on recent advances in Chemical Sciences for tackling global challenges of health and environment that will help in creating a safer, healthier and more sustainable world by developing new chemicals, materials and methods that are less harmful to human health and the environment.

Hybrid Mode (In-Person and Online)

From October 6th – 8th, 2023

**Venue: Deshbandhu College, University of
Delhi, Kalkaji, New Delhi, India**





About the Conference

The objective of the conference is to bring together researchers, scientists, academicians and industry professionals from various disciplines to explore the latest advancements and innovations in chemical science and its applications in promoting health and protecting the environment. The conference intends to provide a platform for exchanging knowledge, ideas and experiences, fostering collaborations and discussing practical challenges and opportunities in the field. Besides invited talks of stalwarts and plenary keynote speakers, there shall be both oral and poster presentations of contributed research papers on various sub themes. The key objectives of integrating Chemical Science for Health and Environment are:

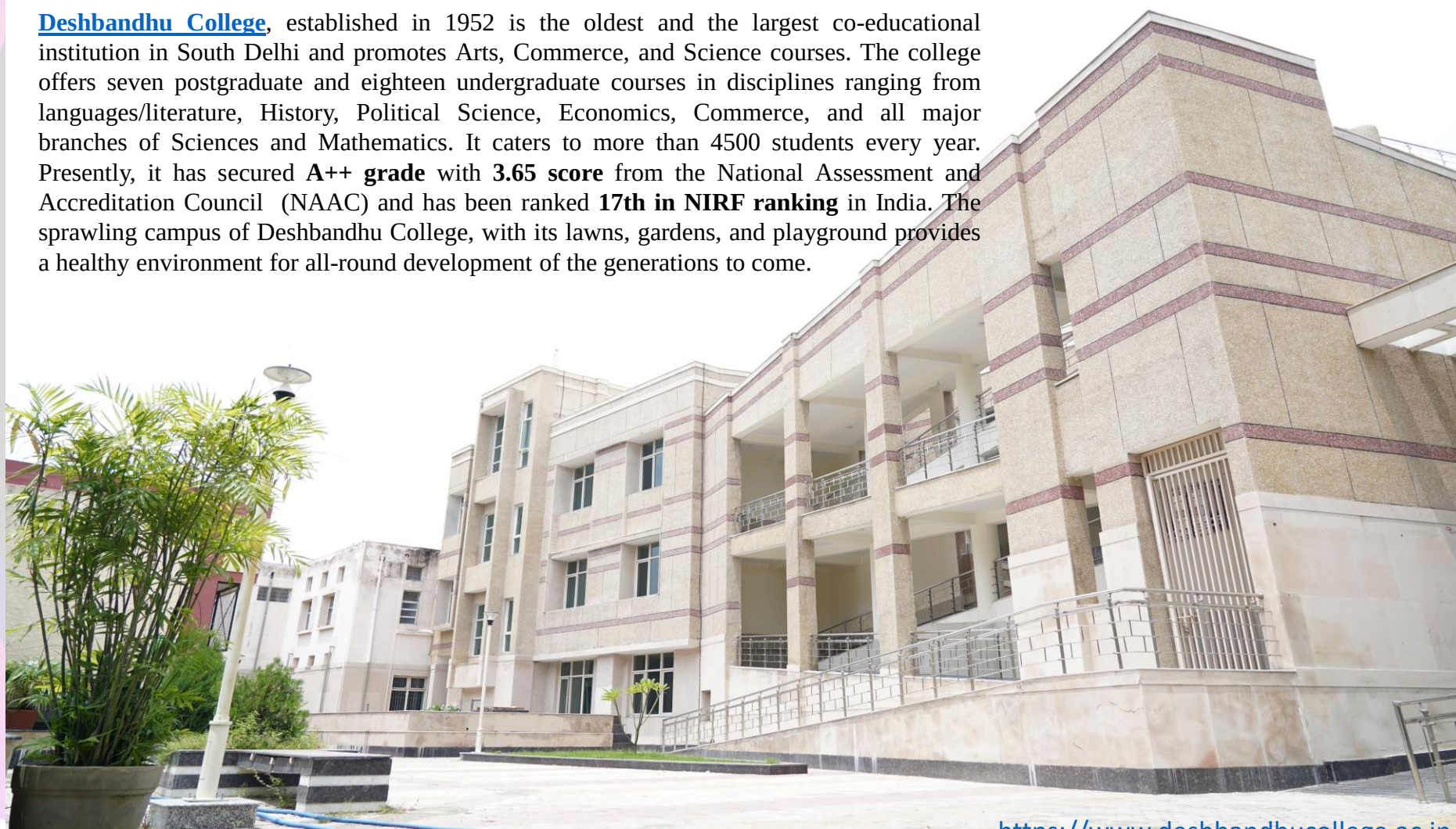
- Developing safer chemicals and materials
- Improving drug development and delivery
- Reducing environmental impact of chemicals
- Enhancing monitoring and detection of pollutants in the environment
- Promoting public health
- Advancing scientific research

Conference Website

<https://sites.google.com/db.du.ac.in/iche2023/home>

About Deshbandhu College

Deshbandhu College, established in 1952 is the oldest and the largest co-educational institution in South Delhi and promotes Arts, Commerce, and Science courses. The college offers seven postgraduate and eighteen undergraduate courses in disciplines ranging from languages/literature, History, Political Science, Economics, Commerce, and all major branches of Sciences and Mathematics. It caters to more than 4500 students every year. Presently, it has secured **A++ grade** with **3.65 score** from the National Assessment and Accreditation Council (NAAC) and has been ranked **17th in NIRF ranking** in India. The sprawling campus of Deshbandhu College, with its lawns, gardens, and playground provides a healthy environment for all-round development of the generations to come.



<https://www.deshbandhucollege.ac.in/>

About Department of Chemistry

The **Department of Chemistry** of Deshbandhu College was established in the year 1952. The faculty takes pride in teaching cross sections of students enrolled in various courses and providing practical training to the students as per their academic curriculum. The courses offer immense opportunities for further studies in Biochemistry, Nanotechnology, Green Chemistry, Polymer Sciences, Agrochemical Sciences, Environmental Science, and other related fields. The department also has a special facility for advanced lab-based research work for doctoral projects. Every year distinguished speakers are invited to update the students about the latest trends in chemistry. In order to give market exposure to students, summer training projects are also conducted for undergraduate students. The department is proud to have a committed faculty that has excelled in research publication, book writing, and teaching.

<https://www.deshbandhucollege.ac.in/chemistry.php?departments=Chemistry>

Our Eminent Speakers



Prof. Anthony P. Davis
Co-Founder of Ziyo & Carbometrics
School of Chemistry,
University of Bristol, UK



Dr Ajeet Kaushik
Department of Environmental
Engineering, Florida Polytech University
Lakeland, USA



Prof. Maria L Pereira
Department of Medical Sciences
CICECO, University of Alveiro, Portugal



Prof. Paritosh Mohanty
Department of Chemistry
IIT Roorkee, Roorkee, India



Prof. Christophe Len
Institute of Chemistry for Life and
Health Sci. PSL University, Paris,
France



Prof. A K Tyagi
FRSC, FNASc, FASc, FNAE
DAE Director, Chemistry Group
BARC, India



Prof. Douglas B. Grotjahn
Dept of Chemistry & Biochemistry,
San Diego State University, USA



Prof. Aaron Aponick
Department of Chemistry
University of Florida, USA



Prof. Satish Kumar Awasthi
Dean, Faculty of Science & Head,
Department of Chemistry,
University of Delhi, India



Prof. Nagendra K. Kaushik
Department of Electrical and Bio Physics,
Kwangwon University, Seoul, South Korea



Prof. Virinder S. Parmar
CUNY Graduate Centre
The City University of New York, USA



Dr Kuntal Manna
Department of Chemistry,
IIT Delhi, India



Dr Supriya D. Mahajan
Dept of Medicine, Jacobs School
of Medicine & Biomed. Sci,
University at Buffalo, New York, USA



Prof. Ram Sagar Misra
School of Physical Sciences,
JNU, New Delhi, India



Dr Siddharth Sharma
Department of Chemistry
Mohanlal Sukhadia University
Udaipur, India



Prof. Govind Gupta
Senior Principal Scientist (CSIR-NPL)
Academy of Scientific & Innovative
Research (AcSIR) Delhi, India

Our Eminent Speakers



Dr Neha Kaushik
Department of Biotechnology,
University of Suwon, Hwaseong,
Republic of Korea



Prof Ravi P. Singh
Department of Chemistry,
IIT Delhi, India



Prof. Ajay Kumar Mishra
Department of Chemistry,
Durban University of Technology,
South Africa



Dr Anthony Addlagatta
Center for Chemical Biology
IICT Tarnaka, Hyderabad, India



Prof. Farhan J. Ahmad
Department of Pharmaceutics,
Jamia Hamdard, New Delhi, India



Dr Himanshu Aggarwal
Dept of Chemistry, BITS, Pilani
(Hyderabad Campus), India



Dr Sripada S. V. Rama Sastry
Department of Chemical Sciences,
IISER Mohali, India



Dr Rizwan Wahab
Department of Zoology, King Saud
University, Riyadh, Saudi Arabia.



Dr Debmalya Roy
Nanoscience & Coating Division,
DMSRDE, DRDO, Kanpur, India.



Prof. Sujit Kumar Ghosh
Department of Chemistry,
IISER, Pune, India



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Department of Chemistry
BITS-Pilani (Hyderabad Campus)
Telangana, India



Dr Puja Panwar Hazari
Scientist F, Joint Director, Head-DCRS,
RNAIS, Institute of Nuclear Medicine
and Allied Sciences, Delhi, India



Prof. Adarsh Pal Vig
Chairman, PPCB.
Guru Nanak Dev University, Amritsar,
India.



Prof. Amitabh Jha
Dept. of Chemistry
Acadia University, Nova
Scotia, Canada.



Prof. Sunil Kumar Sharma
Dept. of Chemistry
University of Delhi, New Delhi
India



Prof. Venkata Kh Krishnan
Dept. of Chemistry, School of Basic
Sciences, IIT Mandi, HP
India

Our Eminent Speakers



Prof. Sabu Thomas
Vice Chancellor, Mahatma Gandhi
Univ., Kottayam, Kerala, India



Prof. Rajeev Sakhuja
Department of Chemistry
BITS Pilani, Rajasthan, India



Dr Ravindra Vikram Singh
Director and Head- R&D,
Technology and Innovation, India



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Department of Chemistry,
Jamia Milia Islamia, Delhi, India



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Department of Chemistry,
Institute of Science, BHU
Varanasi, India



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Head, Dept. of Chem. & Molecular
Mater., Director, CNRS,
University of Montpellier, France



Prof. Digambara Patra
Department of Chemistry
American University of Beirut
Beirut, Lebanon



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Department of Chemistry
IIT Bombay, Mumbai,
India



Prof. A. Sakthivel
Department of Chemistry,
Central University of Kerala, India



Dr Shailesh Narayan Sharma
Principal Scientist, CSIR-NPL, Delhi,
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Head-Research and Development
Himalaya Wellness Company
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Link: <https://sites.google.com/db.du.ac.in/iche2023/organizers?authuser=0>

Call for Papers

Guidelines for the abstract submission:

- Maximum words limit 300, typed in MS word,
- Times New Roman font,
- Abstract title: Bold and 12 font size.
- Authors' name, affiliation and abstract body: 12 font size with 1.5 spacing.
- The name of the presenting author should be underlined.
- The template for abstract, and detailed guidelines are available on the conference website.

Note:

- Submit your abstract through registration link in MS word format with the above specifications.
- Abstracts submitted in different formats will not be considered.
- All submitted abstract should be plagiarism free, and authors would be solely responsible for the originality of the content.

Guidelines for Presentation:

POSTER

- Poster size should be 4 X 3 feet (121 X 92 cm) in portrait mode.
- Leave margins of 3 inches from each side.
- The printed poster should indicate the Title followed by the Authors and their affiliations.
- The poster should clearly define Objectives, Methodology, Outcomes, and Conclusions.

ORAL

- Oral presentation should be prepared in MS PowerPoint compatibility mode only.
- Time slots will be 10 minutes for oral presentation.

Note: A copy of the presentation (Oral/Poster) should be submitted 20 days before October 6, 2023, by email to iche@db.du.ac.in

Call for paper: details: <https://sites.google.com/db.du.ac.in/iche2023/abstract-submission?authuser=2>

Theme and Sections:

The chemical science, health, and environment have shared a fecund and harmonized partnership. The chemical science has been the central science to develop benign, effective medicines for various diseases, diagnostics; and providing the tools for monitoring, protection, and cleaning of the environment. This conference will bring together the researchers and academician on a single platform for fruitful discussion and collaborations to enhance the research in the following areas (but not limited to):

- Recent advances in medicinal chemistry
- Green synthesis for health and environment
- Biomass derived chemicals for pharmaceuticals
- Functional modification of bio-polymers for health and environment
- Nanotechnology for drug delivery and for health care monitoring
- Nanomaterials as chemical sensors for a safer environment
- Electrochemical water treatment and resource recovery
- Photochemical processes for health and environment
- Bio-materials for environmental remediation
- Sustainable chemistry
- Impact of chemical sciences on society
- Green alternative to fossil fuels
- Functional molecules/nanomaterials for catalysis
- Natural product synthesis
- Other related topics

Link: <https://sites.google.com/db.du.ac.in/iche2023/call-for-paper?authuser=2>

Selected papers will be published as full length articles in the special issues of SCOPUS Indexed Journals after Peer Review

IMPORTANT DATES

Last date of Early bird registration: August 10, 2023

Last date of Abstract submission: July 31, 2023

Registration fees

Category	Early Bird (INR) Offline / Online	Late Fees (INR) Offline / Online	On-Desk (INR) Offline / Online
Students UG/PG	2000 / 1000	2500 / 1500	3000 / 2000
Researchers/ Ph.D.	3000 / 2100	3500 / 2600	4000 / 3000
Faculty	4000 / 2500	4500 / 3000	5000 / 4000
Delegates from Industry	7000 / 4000	8000 / 5000	10000 / 6000
Foreign Students UG/PG	100* / 50 USD	150* / 80 USD	200* / 100 USD
Foreign Delegates	200* / 100 USD	300* / 150 USD	400* / 200 USD

PAYMENT DETAILS:

A/C Name: ICHE 2023 DBC
A/C No.: 09031000104063
IFSC Code: PSIB0000903
MICR Code: 110023098

Bank and Branch Name:

Punjab & Sind Bank,
Deshbandhu College,
Kalkaji, New Delhi
SWIFT Code: PSIBINBB007

Accommodation facility:

- *For Foreign delegates, accommodation will be provided on twin-share basis for maximum five days.
- For Indian delegates, accommodation would be provided on payment basis (First Come First Serve)
- **In-person attendees benefit:**
The registration fee includes registration kit, certificate, tea and lunch on the conference days including gala dinner.
- Interaction with faculty members, researchers and peers.
- Opportunity for career development and visibility of your research profile across the world.

Registration link:

https://docs.google.com/forms/d/e/1FAIpQLSc60Ieo0XFNR-Bwn8a8s1ok5bWAXR-htEFKyhzmzFl5cyLhegrg/viewform?usp=sf_link

For more information:

Contact us at

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Conference Website

<https://sites.google.com/db.du.ac.in/iche2023/home>