

CARBO XXXVII



Department of Applied Chemistry Delhi Technological University

in association with

Association of Carbohydrate Chemists and Technologists (India)

&

Indian Society of Analytical Scientists-Delhi chapter

organizes

CARBO XXXVII

International Conference on “**Basic, Analytical and Allied Sciences at the Interface of Carbohydrates and Biomass Valorisation**”

from

30th November to 2nd December, 2023

Venue: Delhi Technological University, New Delhi, India

The International Conference on “Basic, Analytical and Allied Sciences at the Interface of Carbohydrates and Biomass Valorisation” is a platform to bring together academicians, researchers, and industries to share knowledge and develop long-term association in the field of chemical sciences with emphasis on carbohydrates and biomass valorization for tackling global challenges in varied fields.

The conference shall cover three types of lectures which include plenary, invited, and short lectures along with oral and poster presentations.

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The objectives and scope of the conference includes:

- Utilization of renewable resources like biomass and carbohydrates in a sustainable and environmentally friendly manner
- Importance of green chemistry principles in the valorization processes to minimize environmental impact
- Recent advancements in analytical tools for characterization and testing
- Catalytic and biotechnological aspects of biomass and carbohydrate conversion
- Emerging Trends in Glycobiology/Glycoconjugates/Glycotechnology
- Industrial polysaccharides
- Nanotechnology in carbohydrates
- Biomass utilization in varied fields
- Carbohydrate-based foods, nutraceuticals & other materials
- Role of Biomass and Carbohydrates in Health Sector
- Value addition to biomass
- Biopolymers
- Role of biomass in petrochemical industries and energy sectors

About Delhi Technological University (DTU)

Delhi Technological University was established by the Government of NCT of Delhi vide Act 6 of 2009. A non-affiliating teaching and research University, DTU is poised to create an environment of a synergetic partnership between academia and industry. Formerly known as Delhi College of Engineering, (initially established with the name – Delhi Polytechnic) came into existence in the year 1941 to cater to the needs of Indian industries for trained technical manpower with practical experience and sound theoretical knowledge.

About Department of Applied Chemistry, DTU

The Department of Applied Chemistry holds the foundation of the reputation of Delhi Technological University as it is one of the core disciplines of DTU founded at the time of its inception in 1941. The department offers the B.Tech. (Chemical Engineering), M.Tech. (Polymer Technology), M.Sc. (Chemistry), Doctoral (Ph.D.) programs. The Department has well-established laboratories in Chemistry, Polymer Science and Chemical Technology along with several research laboratories and one CAD lab. The department is actively involved in research in the areas of Chemistry, Polymer Science and Chemical Technology. The faculty

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members of the department have published more than 700 research papers in national and international journals of repute, and associated with reputed national and international industries, institutes and universities.

About ACCTI

The ACCTI is the association formed in the year 1984 to foster research on carbohydrates and the carbohydrate industry in India. The foremost mandate of the Association is to promote carbohydrate research in India and to provide a common platform to chemists, biologists, and technologists for interactive research.

About ISAS-DC

Indian Society of Analytical Scientists-Delhi Chapter (ISAS-DC) with its head office at Indian Oil Corporation Ltd R&D Centre, Faridabad is a multi-disciplinary body whose major functions are to organize Symposiums/ workshops on various topics on analytical sciences relevant to academics and industry. ISAS provides a common forum for Analytical Scientists to exchange ideas, keep themselves abreast of the latest developments in this field, thus promoting the growth of analytical sciences in the country.

CALL FOR PAPERS

The organizing committee of **CARBO-XXXVII** cordially invites you and your colleagues to active participation in the forthcoming conference at **DTU**. Please encourage young researchers and your students to participate in the conference. For further details about the **CARBO-XXXVII** Conference please visit our websites: www.dtu.ac.in and www.accti.in.

The selected full papers will be published in SCI/SCIE/ESCI/Scopus-indexed Journals as per journal guidelines. The selected full-length papers will also be included in the conference proceeding book with ISBN after peer review.

REGISTRATION

Faculty members, Research Scholars and PG/UG students from academic/research institutes as well as employees from industries can register themselves.

Registration link: <https://forms.gle/LDQap7GkWoB1GDfk8>

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Category	Registration Fee	
	Indian Delegates	Foreign Delegates
PG/UG Students	Rs. 2000/-	USD 100
Ph.D. Students	Rs. 2500/-	USD 150
Faculty Member	Rs. 3000/-	USD 200
Industry Person	Rs. 5000/-	USD 500

Note: The registration fee (non-refundable) includes registration kit, certificate, tea and lunch on the conference days

PAYMENT DETAILS

A/C Name: Conf Appl Chem

Bank and Branch Name:

A/C No.: 42318995981

State Bank of India (SBI), Delhi College of

IFSC Code: SBIN0010446

Engineering, Bawana Road, Delhi - 110042,

MICR Code: 110002438

India

DEADLINES

Start Date of Registration and Abstract Submission: **01 October 2023**

Last Date of Registration: **15 November 2023**

Last date to submit full-length paper: **31 January 2024**

Abstract Guideline

All submitted abstracts should be written in English, MS Word and should have a word count of 250 words or less (excluding title & author details). Title (Times New Roman, Font 12, Bold, Sentence Case); Authors (Times New Roman, Font 12, Underline presenting author); Affiliation (Times New Roman, Font 11); Text (Times New Roman, Font 11, with 1.5 spacing). Do not include any references.

Poster Presentation

- Poster size should be 4 × 3 feet (121 × 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.
- Underline the presenting author
- The poster should clearly define Objectives, Methodology, Outcomes, and Conclusions.

Oral Presentation

- Oral presentation should be prepared in MS PowerPoint compatibility mode only.

AWARDS

Among all the received abstracts for poster presentation, approx. ten best abstracts will be selected by the technical committee for an oral presentation of ten minutes duration (8 minutes for presentation and 2 minutes for discussion). Out of all oral presentations for posters, the three best presentations will be awarded. Therefore, all the poster presenters are advised to bring power point presentation of their poster.

Conference Organizing Committee

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