



1st ANNOUNCEMENT
3rd International Conference
CHEM-TECHNOVA 2025

(Co-Sponsor : American Chemical Society)

"Greening the Future: Innovations and Challenges
in Sustainable Chemical Engineering"

3rd - 5th April, 2025

Organized by:

IChE Student Chapter &
Department of Chemical Engineering,
Department of Biochemical Engineering;
School of Chemical Technology,
Harcourt Butler Technical University Kanpur
Uttar Pradesh-208002



Website: www.hbtu.ac.in



TARGET PARTICIPANTS

Industry Leaders, R & D Head, Industry Experts, Procurement Managers, Process Engineers, Scientists, Faculty / Research scholars/ M.Tech/ M.Phil/ M.Sc./B.Tech/ Polytech. students of all Branches.

ADDED ATTRACTIONS

Attractive Cash Prizes from a Prize pool of Rs. 30,000/-.

- The prizes and certificates of participation will be given in the Valedictory session.
- Breakfast, Lunch, Dinner and Refreshments will be provided to all the registered participants for all the three days.
- Cultural events are organized on the evening of 3rd & 4th April, 2025.

REGISTRATION

- Foreign Delegate (Online) : Rs. 4000/-
- Delegate from Industries/ Scientist : Rs. 3000/-
- Faculty from Academic Institutions (Non - IICHE Member) : Rs. 2500/-
- Faculty from Academic Institutions (IICHE Member) : Rs. 2000/-
- Post Graduate / Research Scholar (Non - IICHE Member) : Rs. 2000/-
- Post Graduate / Research Scholar (IICHE Member) : Rs. 1500/-
- UG/Diploma Student (Non - IICHE Member) : Rs. 1500/-
- UG/Diploma Student (IICHE Member) : Rs. 1000/-

* 5% Additional fees for SPOT registration

PAYMENT MODE: BANK TRANSFER

The account details for payment are :

- Bank: CENTRAL BANK OF INDIA;
- Branch: HBTI Kanpur
- A/c Name: IICChE Student Chapter, HBTU Kanpur;
- A/C No.: 5371004030 ; IFSC: CBIN0283288

A maximum 500 participants on a first-come-first-served basis shall be accommodated.

Participants can register for the event through the following link:

<https://forms.gle/GttnnrcTiwjvXtxV9>

Last date of Registration: 5th February, 2025

All the registered participants will get the certificates.

ADDRESS FOR CORRESPONDENCE

- Dr. S.V.A.R. Sastry, Associate Professor
- Dr. Shravan Kumar, Assistant Professor

School of Chemical Technology, HBTU, Kanpur, U.P. Pin-208002

Phone: 7093423964, 7577082588

E-mail: svarsastry@hbtu.ac.in, shravan.k@hbtu.ac.in

CHIEF PATRON

Prof. Samsher,
Hon'ble Vice Chancellor, HBTU, Kanpur

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Shri. Anoop Trivedi, MD, Tata BlueScope Steel
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Prof. S. K. Sharma, Registrar, HBTU, Kanpur

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Prof. Ashish Kapoor, HoD Chemical Engg.
Prof. Lalit Kumar Singh, HoD Biochemical Engg.

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Prof. Indira Nigam, HoD Plastic Technology, HBTU, Kanpur
Prof. Alak Kumar Singh, HoD Food Technology, HBTU, Kanpur
Prof. Praveen Kumar Yadav, HoD Oil Technology, HBTU, Kanpur
Mr. Sumant Chatterjee, HoD Leather Technology, HBTU, Kanpur

ORGANISING SECRETARY

Dr. S.V.A.R.Sastry,
Associate Professor, HBTU, Kanpur

CONVENERS

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Dr. Pranava Chaudhari, Assistant Professor

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Dr. Bineeta Singh, Assistant Professor
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ABOUT THE UNIVERSITY

Harcourt Butler Technical University, Kanpur (Formerly HBTI, Kanpur) was established in 1921 and has a glorious history and has always been at the forefront of technological developments and the growth of industries in the country since its inception. The Institute began as the Government Technological Institute, Uttar Pradesh in 1921. The Institute was renamed Harcourt Butler Technological Institute in 1926 in honor of the name of Sir Spencer Harcourt Butler, the then Governor of U.P. Degree courses in Oil Technology were started in 1921, and Chemical Engineering was started in 1954 and after that number of undergraduate and post graduate courses were started. On March 26, 1965, it was upgraded from a Government Department status to an Autonomous Institution. It was upgraded to Harcourt Butler Technical University, Kanpur on September 01, 2016, by Govt. of UP. The University spreads across two campuses - East Campus (77 acres) and West Campus (271 acres) situated approximately 3 kilometers apart. The University provides a congenial environment for the holistic growth and all-round development of the students.



ABOUT THE SCHOOL OF CHEMICAL TECHNOLOGY

University offers distinctive study programs with its priority and thrust in imparting high-quality education in seven Chemical Technology branches, namely Oil Technology (Estd. 1921), Chemical Engineering (Estd. 1954), Plastic Technology (Estd. 1964), Paint Technology (Estd. 1964), Food Technology (Estd. 1964), Bio-chemical Engineering (Estd. 1964) and Leather Technology (Estd. 1978). The School of Chemical Technology (SoCT) produced more than 15,000 graduates in these programs which cater to the industry and top-level management human resource demands at the National and International level. Alumni from the School of Chemical Technology are placed as CEOs/MD's of many top Companies across the world.

ABOUT INDIAN INSTITUTE OF CHEMICAL ENGINEERS

Indian Institute of Chemical Engineers (IIChE) was born on 18th May 1947 on the eve of the Indian Independence. The Institute is the apex body of Chemical Engineering Professionals in India. The activities of the Institute are spread across the country through its 42 Regional Centres and more than 170 student chapters. Govt. of India has recognized IIChE as a Scientific and Industrial Research Organization.

ABOUT THE CONFERENCE

The bright shining sun reflects in the faces of champions, and the charming planetary events cherish the moments and make the macrocosm of CHEM-TECHNOVA 2025. Prepare your mind for an engineering overdose where you will compete to be the best chemical technologists. The event will require your analytical and technical skills. Technical fests are an essential part of the course curriculum as it gives a platform for young brains to showcase their innovative ideas and compete with their peers. The main objective of the Conference is to promote innovative thinking and practical skills through real-life technological projects. CHEM-TECHNOVA 2025 is a three-day-long Annual Technical Festival organized in collaboration with enthusiastic students and experienced faculties of the School of Chemical Technology, HBTU Kanpur. It is one of a kind, which harbors knowledge, skill, and performance excellence together.

THEMES OF CONFERENCE

- Air Pollution Control
- Application of Artificial Intelligence & Neural Networks
- Biomass Utilization and Bioenergy
- Bio-surfactants and Paints
- Catalysis and Reaction Engineering
- Chemicals and Fertilizers
- Climate Change and Sustainability
- Colloidal and Interfacial Phenomena
- Composite and Smart Materials
- Computational Fluid Dynamics
- Effluent Treatment in Chemical Process Industries
- E-waste & Medical Waste Processing and Recycling
- Energy Storage, Green Chemistry, and Technologies
- Innovation, Technology and Sustainable Business Practices
- Instrumentation, Process Control, Modeling and Simulation
- Novel Separation Processes & Nano Technology
- Renewable & Alternative Energy
- Safety, Health, and Environment
- Solid Waste Management
- Transport Phenomena and Fluid Mechanics
- Utilization of Plastics and Polymeric Materials
- Waste Wastewater Treatment

SPECIAL FEATURES

- Indo-Canadian Joint Symposium
- Invited Lectures by Eminent Persons from India and Abroad
- Panel Discussions
- Oral Presentations
- Poster Presentations
- Industrial Exhibitions

Attractive Prize pool of Rs. 30,000/-

The prizes and certificates of participation will be given in the Valedictory session.

KEYNOTE / PLENARY / INVITED SPEAKERS

Speakers From Canada

Prof. Ajay K. Dalai, University of Saskatchewan, Canada
Prof. Venkatesh Meda, University of Saskatchewan, Canada
Prof. Anil Mehrotra, University of Calgary, Canada
Prof. Amar Mohanty, University of Guelph, Canada
Prof. Manjusri Mishra, University of Guelph, Canada
Prof. S.A.Mehta, University of Calgary, Canada
Prof. Gopal Achari, University of Calgary, Canada
Prof. Bishnu Acharya, University of Saskatchewan, Canada
Prof. Quan Sophia, Dalhousie University, Canada
Prof. Sonil Nanda, Dalhousie University, Canada
Dr. Venu Babu Borugadda, Tidewater Renewables, Canada
Dr. Shad W. Siddiqui, InnoTech, Canada

Speakers from US

Prof. Debashish Kuila, Professor & Chair, North Carolina A&T State University, US
Dr. Veera M Boddu, Environmental Protection Agency, US
Prof. Ranil Wickramasinghe, University of Arkansas, US
Prof. Srikanth Pilla, University of Delaware, US

Speakers from IITs

Prof. K. K. Pant, Director, IIT Roorkee
Prof. Shishir Sinha, IIT Roorkee & Director General, CIPET
Prof. Prasenjit Mondal, Professor, IIT Roorkee
Prof. Anil Verma, Professor, IIT Delhi
Prof. Bishnupada Mandal, Professor, IIT Guwahati
Prof. S Senthilmurugan, Professor, IIT Guwahati
Prof. B.K.Dubey, Professor, IIT Kharagpur

Speakers from NITs

Prof. M.K.Jha, Professor-HAG, NIT Jalandhar
Prof. S.P.Chaurasia, Professor-HAG, NIT Jaipur
Prof. Apurba Dey, Professor-HAG, NIT Durgapur
Dr. Amit Arora, NIT Hamirpur
Dr. Raghuraj Pandiyan, NIT Warangal

Speakers from CSIR/ICAR Labs

Dr. Thallada Bhaskar, Chief Scientist, CSIR-IIPE, Dehradun
Dr. A.G.Rao, Chief Scientist, CSIR-IICT, Hyderabad
Dr. S. Sridhar, Senior Principal Scientist, CSIR-IICT, Hyderabad
Dr. Ravi Narayan Sahoo, Senior Principal Scientist, ICAR-IARI, New Delhi

Speakers from Industries

Sri Biswanath Chattopadhyay, CEO, IVL Dhunseri Petrochemicals
Dr. Ritesh Mittal, AGM- R&D, Engineers India Limited (EIL)
Mr. Mahendra Pingle, General Manager, Tata BlueScope Steel

Submission of Abstract

The abstract can be submitted through the following link:

<https://forms.gle/6kSgPLYu1jLNVfif6>

Important Dates

Abstract Submission Start	07/10/2024
Abstract Submission End	31/12/2024
Announcement of Acceptance of Abstract	20/01/2025
Last date of Online Registration	05/02/2025

Publications

Selected Papers will be published as Book Chapters and in reputed International Journals of Springer/ Taylor & Francis. Conference Proceedings will be published.

Full papers will be invited for possible publication after peer review in the Special issues of the following SCI/WOS-Indexed Journals:

- 1.Special Issue of "Biomass Conversion and Biorefinery" (I.F: 4.05)
- 2.Special Issue of "Processes" (I.F: 3.5)
- 3.Special Issue of "Journal of Engineering" (I.F: 2.7)
- 4.Special Issue of "Crystals" (I.F: 2.7)

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- Logo on the Entrance Gate
- 3 Delegate Passes
- Stall for Exhibition

6. Associate Partner @ Rs. 1 lac

- Logo on the Backdrop
- Logo on the Entrance Gate
- 2 Delegate Passes

7. Technical Partner @ Rs. 75,000

- Logo on the Backdrop
- Logo on the Entrance Gate
- 1 Delegate Pass

8. Exhibition Stalls will be provided @ Rs. 50,000 (Area of 3m x 3m)

Stall Booking Early Bird Offer (till 31st December, 2024) : Rs 35,000 each stall cost on booking 2 Stalls.

9. Lunch @ Rs. 60,000 (For 3 days)

10. Dinner @ Rs. 40,000 (For 2 days)

11. Cultural program @ Rs. 30,000 (For 2 days)

12. Plenary / Keynote Lectures @ Rs. 20,000

** Plus 18% GST Applicable on above.

Souvenir Advertisement Rates:

Front Cover Inside Page : Rs. 40,000; Back Cover page : Rs. 35,000; Back Inside page : Rs. 30,000; Full page color : Rs. 15,000; Half Page color : Rs. 10,000; Quarter page color : Rs. 6,500; Full page B/w : Rs. 10,000; Half page B/w : Rs. 7,500; Quarter page : Rs. 4,500

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Registration form Link:



<https://forms.gle/GttnnrcTiwjvXtxV9>

