

## CHIEF PATRON

**Prof. Samsher,**

Hon'ble Vice Chancellor, HBTU, Kanpur

## PATRONS

**Prof. D. Parmar,** Pro-VC, HBTU, Kanpur

**Prof. S. K. Sharma,** Registrar, HBTU, Kanpur

**Dr. Rajesh Kumar Garg,** Chairman, IICHe-KRC

## CHAIRPERSONS

**Prof. Reena Singhal,** Dean, SOCT, HBTU, Kanpur

**Prof. Ashish Kapoor,** HoD Chemical Engg.

## ADVISORY COMMITTEE

**Prof. Arun Maithani,** HoD Paint Technology

**Prof. Indira Nigam,** HoD Plastic Technology

**Prof. Alak Kumar Singh,** HoD Food Technology

**Dr. Praveen Kumar Yadav,** HoD Oil Technology

**Dr. Lalit Kumar Singh,** HoD Biochemical Engg.

**Mr. Sumant Chatterjee,** HoD Leather Technology

## ORGANISING SECRETARY

**Dr. S.V.A.R.Sastry,**

Associate Professor, HBTU, Kanpur

## CONVENERS

**Dr. Pranava Chaudhari,** Assistant Professor

**Dr. Shravan Kumar,** Assistant Professor

## ORGANISING COMMITTEE

**Prof. S.K. Gupta,** HBTU, Kanpur

**Prof. Ashwini Sood,** HBTU, Kanpur

**Prof. Rajesh Katiyar,** HBTU, Kanpur

**Dr. G.L. Devnani,** HBTU, Kanpur

**Dr. A.K. Rathore,** HBTU, Kanpur

**Mr. Jitendra Kumar,** HBTU, Kanpur

**Dr. Adarsh .K. Arya,** HBTU, Kanpur

**Dr. Dan Bahadur Pal,** HBTU, Kanpur

**Dr. Anjali Awasthi,** HBTU, Kanpur

**Dr. Bineeta Singh,** HBTU, Kanpur

**Dr. Zeenat Arif,** HBTU, Kanpur

## TARGET PARTICIPANTS

Faculty / Research scholars, M.Tech/ M.Phil/ M.Sc.  
(Chemistry)/ B.Tech/ Polytechnic Students of Chemical,  
Civil, Mechanical Engg. and Chemical Technology  
Branches.

## REGISTRATION

**Student (IICHe Member):** Rs. 200 /- (per Student)

**Student (IICHe Member):** Rs. 500 /- (per team of 3 Students)

**Student (non-IICHe Member):** Rs. 300 /- (per Student)

**Student (non-IICHe Member):** Rs. 600 /- (per team of 3 Students)

**Faculty/Industry persons:** Rs. 500 /-

## PAYMENT MODE: BANK TRANSFER

**The account details for payment are:**

Bank: **CENTRAL BANK OF INDIA;**

Branch: **HBTU Kanpur**

A/c Name: **IICHe Student Chapter, HBTU Kanpur;**

A/C No.: **5371004030 ; IFSC: CBIN0283288**

**Maximum 250 participants on a first-come-first-served basis shall be accommodated.**

Participants can register for the event through the following link:

<https://forms.gle/vzMLSD7MTFw8Chy8A>

Last date of Registration: **15<sup>th</sup> May, 2023**

All the registered participants will get the certificates.

## ADDRESS FOR CORRESPONDENCE

**Dr. S.V.A.R. Sastry,** Associate Professor

**Dr. Pranava Chaudhari,** Assistant Professor

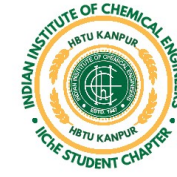
**Dr. Shravan Kumar,** Assistant Professor

School of Chemical Technology,

HBTU, Kanpur, U.P. Pin-208002

Phone: 7093423964, 7607489600, 7577082588

E-mail: [svarsastry@hbtu.ac.in](mailto:svarsastry@hbtu.ac.in), [pchaudhari@hbtu.ac.in](mailto:pchaudhari@hbtu.ac.in), [shravan.k@hbtu.ac.in](mailto:shravan.k@hbtu.ac.in)



## A TWO DAY International Conference

On

# CHEM-TECHNOVA 2023

**26<sup>th</sup> - 27<sup>th</sup> May, 2023**



Organized by:

**IICHe Student Chapter &  
Department of Chemical Engineering  
School of Chemical Technology  
Harcourt Butler Technical University  
Kanpur, Uttar Pradesh-208002  
Website: [www.hbtu.ac.in](http://www.hbtu.ac.in)**

## ABOUT THE UNIVERSITY

Harcourt Butler Technical University, Kanpur (Formerly HBTI, Kanpur) was established in 1921 and has a glorious history and has always been in the forefront for technological developments and growth of industries in the country since its inception. The Institute had its decent beginning as Government Technological Institute, Uttar Pradesh in 1921. The Institute was renamed as Harcourt Butler Technological Institute in 1926 in the honor of name of Sir Spencer Harcourt Butler, the then Governor of U.P. Degree courses in Oil Technology and Chemical Engineering were started in 1954 and thereafter 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 as Harcourt Butler Technical University, Kanpur on September 01, 2016 by Govt. of UP. 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 programmes which caters to the industry and top level management human resource demands at National and International level.

Alumni from the School of Chemical Technology are placed as **CEO's/MD's** of many top Companies across the world.

## ABOUT IICHE

Indian Institute of Chemical Engineers (IICChE) was born on 18<sup>th</sup> 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 IICChE 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 2023**. 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 Symposium is to promote innovative thinking and practical skills through real-life technological projects. **Chem-Technova 2023** is a two-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
- 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 Waste
- Wastewater Treatment

## TECHNICAL EVENTS

- **Invited Lectures by Eminent Persons**
- **Innovative Idea Presentations (Time - 10 min)**  
(3 participants per team)
- **Animation Video (Time -5 min)**  
(3 participants per team)
- **Oral Presentations (Time - 10 min)**  
(3 participants per team)
- **Poster Presentations (Time - 10 min)**  
(3 participants per team)
- **Flow sheet development using modern tool / animation (Time - 10 min)**  
(3 participants per team)

*Attractive Prize pool of Rs. 15,000/-*

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

## STUDENT COORDINATOR

**Mr. Mayank Khanna**, Chapter Officer & Secretary

## STUDENT EXECUTIVE COMMITTEE

**Prakhar Shankhadhar**, Jt. Secretary  
**Harshit Yadav**, Treasurer  
**Vaishnavi Tiwari**, Alumni Connect  
**Ayush Verma**, Technical  
**Nikhil Kumar**, Data Management  
**Abhishek Patel**, Public Relations  
**Varchasva Agarwal**, Web Development  
**Disha**, Photography  
**Gracy**, Content  
**Varsha**, Social Media  
**Isha Singh**, Design  
**Nishant**, Events