



SECOND ANNOUNCEMENT
5th International Conference



Indian Oil

CHEM-TECHNOVA 2027

(Hybrid Mode)

In Association with : National Sugar Institute, Kanpur

“*Frontiers in Chemical Technology: AI, Materials, and Sustainability*”

&

Tech Startathon

11th - 13th March, 2027

Organized by:

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

Co-Organized by:

School of Sustainability,
Indian Institute of
Technology (IIT), Madras
Tamil Nadu-600036

Our Website:

chem-technova2026.netlify.app

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 days of Conference.
- Cultural events are organized on the evening of 11th & 12th March, 2027.

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: IICHe 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: 15th January, 2027

All the registered participants will get the certificates.

ADDRESS FOR CORRESPONDENCE

- Prof. S.V.A.R. Sastry, Professor, HBTU, Kanpur
Department of Chemical Engg., HBTU, Kanpur, U.P.
Pin- 208002
Phone: 7093423964
E-mail: svarsastry@hbtu.ac.in

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Hon'ble Vice Chancellor, HBTU, Kanpur

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Prof. G. L. Devnani, HoD Chemical Engg.

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Professor, HBTU, Kanpur

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Dr. Zeenat Arif, Assistant Professor
Dr. Shravan Kumar, Assistant Professor

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Dr. Vivek Jaiswal, Assistant Professor
Dr. Garima Mishra, Assistant Professor
Dr. Omkar Kushwaha, Senior Principal Scientist, IIT Madras

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Prof. Sushil Kumar, NIT Allahabad
Prof. Raj Kumar Arya, NIT Jalandar
Prof. Dharam Pal, NIT Raipur
Prof. Dhananjay Singh, IET Lucknow
Dr. A.G.Rao, Chief Scientist, IICT, Hyderabad

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Dr. Anjali Awasthi, HBTU, Kanpur



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 2027. 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 2027 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
- Machine Learning and AI Applications
- 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.

ABOUT THE TECH STARTATHON

The flame of innovation burns brightest when brilliant minds from across the globe unite and CHEM-TECHNOVA 2027 stands as that beacon of inspiration. Presenting the Tech Startathon towards Viksit Bharat 2047, a stage where ideas transcend boundaries and the spirit of entrepreneurship meets the world of chemical technology. This competition invites students, researchers, and innovators worldwide to showcase their startups, groundbreaking concepts, and transformative solutions that can revolutionize the chemical and allied industries. It's more than just a contest it's a global platform for innovation, collaboration, and impact.

THEMES FOR TECH STARTATHON

- Startup Ecosystem
- Business Sustainability
- Healthcare Management
- Technology Innovation Management
- Streaming services
- Edu Tech
- Ecommerce industry
- Medical Technology and fitness
- FinTech
- Cybersecurity
- Circular Economy and Entrepreneurship
- Entrepreneurship as Practice
- Environment, Social, and Governance (ESG)
- Climate Tech
- Financing of Innovation
- Public Health and Entrepreneurship
- Start-up Valuation and Alternative Approaches
- Green entrepreneurship
- Spin off processes and knowledge transfer
- Entrepreneurial finance and venture capital
- Innovation and technological entrepreneurship
- Social and community entrepreneurship
- The unexpected founders
- Business plans
- New revenue models
- Success Stories and Best Practices

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- Delegate from Industries/ Scientist :Rs. 3000/-
- Faculty from Academic Institutions : Rs.2500/-
- Post Graduate / Research Scholar : Rs. 2000/-
- UG/Diploma Student : Rs. 1500/-

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TENTATIVE KEYNOTE / PLENARY / INVITED SPEAKERS

Speakers From Canada

Prof. Ning Yan, University of Toronto, 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. Shad W. Siddiqui, InnoTech, Canada

Speakers from US

Dr. Veera M Boddu, Environmental Protection Agency, US
Prof. Srikanth Pilla, University of Delaware, US
Prof. K Rama Rao, University of Technology, Brunei
Dr. Tirath Raj, University of Illinois, US

Speakers from IITs

Prof. Shishir Sinha, IIT Roorkee & Director General, CIPET
Prof. Rajnish Kumar, Head, School of Sustainability, IIT Madras
Prof. Prasenjit Mondal, Professor, IIT Roorkee
Prof. Anil Verma, Professor, IIT Delhi
Prof. Vimal Katiyar, IIT Guwahati
Prof. S Senthilmurugan, IIT Guwahati
Prof. B.K.Dubey, Professor, IIT Kharagpur
Dr. Komal Tripathi, IIT Roorkee
Dr. Omkar Kushwaha, Senior Principal Scientist, IIT Madras

Speakers from NITs

Prof. M.K.Jha, NIT Jalandhar
Prof. S.P. Chaurasia, NIT Jaipur
Prof. Apurba Dey, NIT Durgapur
Prof. Sushant Upadhyay, NIT Jaipur
Prof. Arvind Mungray, NIT Surat
Prof. Sushil Kumar, NIT Allahabad
Dr. Amit Arora, NIT Hamirpur
Dr. Suresh Sundaramurthy, NIT Bhopal
Dr. Jignasa V. Gohel, NIT Surat
Dr. Raghuraj Pandiyan, NIT Warangal

Speakers from CSIR/DRDO

Prof. Seema Paroha, Director, NSI Kanpur
Dr. Thallada Bhaskar, Director, CSIR-AMPRI, Bhopal
Dr. A.G.Rao, Chief Scientist, CSIR-IICT, Hyderabad
Dr. S. Sridhar, Chief Scientist, CSIR-IICT, Hyderabad
Dr. Suresh Kumar, Scientist G, DMSRDE, Kanpur
Dr. Sandeep Kumar, Scientist F, DMSRDE Kanpur
Dr. Subhas Mondal, Scientist F, DMSRDE Kanpur

Speakers from Industries

Sri Biswanath Chattopadhyay, CEO, IVL Dhunseri Petrochemicals
Sri M L Dhiman, Director, Gaskon Engineers Ltd.
Sri Sumit Basu, Executive Director, IOCL
Dr. Sirshendu Guha, DGM, Engineers India Limited (EIL)
Dr. Ritesh Mittal, DGM-R&D, Engineers India Limited (EIL)
Mr. Mahendra Pingle, General Manager, Tata Steel Colors

OUR PAST SPONSORS





CHEM-TECHNOVA 2027

Why Sponsor Us?

- Nation wide visibility with participation from students, researchers, academicians and industry professionals, along with international delegates.
- Immediate brand recognition, as the sponsor's name and logo will be featured in all updated versions upon confirmation of sponsorship.
- High-impact brand exposure among delegates from IITs, NITs, CSIR, DRDO, and leading universities.
- Prominent logo placement on conference backdrops, entrance gates, banners, posters, stage displays, registration kits, and souvenirs.
- Wide-range publicity through the conference website, official social media platforms, email campaigns, and digital promotions.
- Brand presence throughout the pre-conference, during-conference, and post-conference phases.
- Direct networking and engagement opportunities.
- Direct networking and engagement opportunities with a focused audience of researchers, academicians, professionals, and future engineers.
- Opportunity to establish thought leadership through technical or keynote sessions, as applicable to the sponsorship category.
- Dedicated exhibition stalls for showcasing products, technologies, services, and innovations.
- Complimentary delegate passes enabling participation in technical sessions, panel discussions, and networking events.
- Acknowledgement during inaugural, valedictory, and cultural programs.
- Long-term brand recall through inclusion in conference proceedings with ISBN/DOI indexing.
- Association with a prestigious international conference, reinforcing the organization's commitment to innovation, sustainability, and academic excellence.

Publications

Selected Papers will be published as Book Chapters and in reputed International Journals of Springer/ Taylor & Francis. Conference Proceedings with ISBN and DOI will also 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 "Journal of Engineering" (I.F: 2.7)
3. Special Issue of "Journal of Polymer & Composites" (I.F: 6.05)

SPONSORSHIP CATEGORIES

1. Technology Partner @ Rs. 10 lacs

- Logo on the Backdrop & Entrance Gate
- One Banner Standee at the Entrance
- 20 mins Speaker Slot
- 10 Delegate Passes
- Stall for Exhibition
- Logo on each & every Banner, Poster, Registration kits and Social Media Interactions
- Guest of Honour will be given in Inaugural / Valedictory Function

2. Diamond Partner @ Rs. 8 lacs

- Logo on the Backdrop & Entrance Gate
- One Banner Standee at the Entrance
- 20 mins Speaker Slot
- 10 Delegate Passes
- Stall for Exhibition
- Logo on each & every Banner, Poster and Registration kits

3. Platinum Partner @ Rs. 5 lacs

- Logo on the Backdrop & Entrance Gate
- One Banner Standee at the Entrance
- 15 mins Speaker Slot
- 8 Delegate Passes
- Stall for Exhibition

4. Gold Partner @ Rs. 3 lacs

- Logo on the Backdrop & Entrance Gate
- 10 mins Speaker Slot
- 5 Delegate Passes
- Stall for Exhibition

5. Silver Partner @ Rs. 2 lacs

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

6. Associate Partner @ Rs. 1 lac

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

7. Technical Partner @ Rs. 75,000

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

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

Stall Booking Early Bird Offer (till 31st December, 2024) : Rs 70,000 on booking 2 Stalls.

9. Lunch @ Rs. 1,50,000 (For 3 days)

10. Dinner @ Rs. 1,00,000 (For 2 days)

11. Cultural program @ Rs. 50,000 (For 2 days)

12. Plenary / Keynote Lectures @ Rs. 30,000

**** 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>

GLIMPSES OF CHEM-TECHNOVA'26

