

First Announcement  
INDIAN INSTITUTE OF CHEMICAL ENGINEERS  
Celebrating 75 Years of Glorious Journey



76<sup>th</sup> INDIAN CHEMICAL ENGINEERING CONGRESS

# CHEMCON 2023

An International Conference

Theme

**Energy Transition: Challenges and Opportunities**

December 27th - 30th, 2023

In Association With



RAJIV GANDHI INSTITUTE OF  
PETROLEUM TECHNOLOGY, JAIS



JADAVPUR UNIVERSITY  
KOLKATA



HERITAGE INSTITUTE  
OF TECHNOLOGY, KOLKATA

Indo-Canada  
Joint Symposium

Technical Sessions

Panel Discussions

Indo-Japan  
Joint Symposium

Industry Summit

Journal/Book Chapter  
Publication

Media Partner

 Indian **CHEMICAL** News

Organized by

Indian Institute of Chemical Engineers

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**Venue:- Heritage Institute of Technology, Kolkata**



## Indian Institute of Chemical Engineers

Indian Institute of Chemical Engineers (IICChE) is a national body of professional chemical engineers with 32000 members across the country with 46 Regional Centres as well as 182 Student Chapters, began its journey on May 18, 1947 under the great visionary, nationalist and pioneer of Chemical Engineering Education in India, Dr H L Roy. We have around 46 Life Organizational Members in industries and 48 Life Organizational Members in academics and R&D Institutes as well.

The Institute is celebrating 75 years of glorious journey along with the India's Azadi Ka Amrit Mahotsav - A unique coincidence. At its Platinum Jubilee year, the Institute has undertaken to expand its horizon even further by launching new initiatives, forging new collaborations and taking up new challenges. The beginning of IICChE's Platinum Jubilee celebration was marked by an international conference in Kolkata, titled, 'Advances in Chemical and Materials Sciences' (ACMS-2022), held during April 14 - 16, 2022. Further, a variety of events are being organised by the Headquarters as well as by the Regional Centres and Student Chapters of IICChE across the country throughout the year. The journey has been providing platform to bridge the gap between Industry, Academia, and R&D by organizing workshops, seminars, international symposiums, short duration technical lectures, industrial visits and most important to hone the skills of students through Online Student Internship Programs on various Chemical & Allied Engineering topics and Process Safety. Skill enhancement and excellence in Chemical Engineering is mission of IICChE and so it provides appropriate forum for joint endeavour, hand in hand to work for human beings through application of Chemical Engineering and Allied Sciences. In today's rapidly changing world, IICChE can enhance its core capabilities to accelerate learning and innovation for all of its members and supporters.

IICChE is registered with the Ministry of Corporate affairs for receiving CSR funds as well as donations under Section 80G of the Income Tax Act, 1961. IICChE is also recognized as Scientific and Industrial Research Organization by Department of Scientific & Industrial Research, Ministry of Science & Technology, Govt. of India.

## CHEMCON 2023

CHEMCON 2023, the 76th Annual Session of the Indian Institute of Chemical Engineers will be organized by Indian Institute of Chemical Engineers Headquarters, Kolkata from 27th December to 30th December 2023 in association with Rajiv Gandhi Institute of Petroleum Technology, Jais, Jadavpur University and Heritage Institute of Technology.

The theme of CHEMCON-2023 is "Energy Transition: Challenges & Opportunities".

The World is in the midst of an energy transition to reduce its dependence on fossil-based energy sources. From 18th to 20th century, many complex transitions in energy have been observed that include the shift from firewood to coal, from whale oil to kerosene, and the shift to electricity and crude oil. Further, in 21st century, transition to low-carbon energy sources is expected to be the most challenging one ever, requiring decarbonization of various sectors and minimization of greenhouse gas emissions from a variety of industries of the global economy to mitigate climate change.

The chemical industries will be no different and are transforming as they regulate to the new era of high-priced petroleum and relentless global warming. Chemical Engineers transform societies and the lives of individuals by interdisciplinary collaborations necessary to advance the societal goals of transitioning to a low-carbon energy system ensuring and developing novel and sustainable materials used in fuels, electronics, medical devices, and other products to address today's most pressing problems, including climate change and global warming.

CHEMCON 2023 will present a host of events, which includes memorial lectures, plenary lectures, seminars, panel discussions, international symposium, industrial exhibitions etc. Moreover, its annual event which is known as Chemical Engineering Congress (CHEMCON) will also be held during the event. It is expected that the CHEMCON 2023 will have the benefit of active support and participation of many countries as the joint organizers of the congress.

It is a pleasure and privilege for Patron and Members of NOC and LOC to invite fellow delegates to participate in congress deliberations which will cover broad topics of interest for the participants.

## Shri Dhirubhai Ambani Commemoration Day

Shri Dhirubhai Ambani Commemoration Day will be celebrated on 28th December 2022 as a tribute to the great legend. The event is sponsored by Reliance Industries Ltd. (RIL) as platinum sponsor since 2004

## Technical Sessions

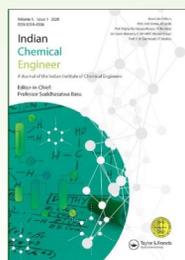
Topics of interest for the submission of abstract include, but are not limited to:

- |  |   |
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| <ul style="list-style-type: none"> <li>✦ Energy Transition &amp; Decarbonisation</li> <li>✦ Energy Storage: Super capacitor, Li-ion battery, metal hydride</li> <li>✦ Sustainable Energy Generation &amp; Environment</li> <li>✦ Advanced Functional Materials</li> <li>✦ Drug Development &amp; Deliveries</li> <li>✦ Bio-Chemical Sciences &amp; Engineering</li> <li>✦ Process Optimization &amp; Intensification</li> <li>✦ Computational Chemistry &amp; Nanotechnology</li> <li>✦ Advanced Chemical Engineering</li> <li>✦ Catalysis and Reaction Engineering</li> <li>✦ Industry 4.0</li> <li>✦ Renewable energy</li> </ul> | <ul style="list-style-type: none"> <li>✦ Effluent Treatment Techniques</li> <li>✦ Hydrogen Energy and Fuel Cells</li> <li>✦ Novel Separation Processes</li> <li>✦ Polymer Engineering and Technologies</li> <li>✦ Upstream and Downstream Petroleum Processes</li> <li>✦ Artificial intelligence and its application in Chemical Engineering</li> <li>✦ Digitization and automation in Chemical Process Industry</li> <li>✦ Fluid Dynamics and Mechanics</li> <li>✦ Nano-Technology</li> <li>✦ Waste to Energy</li> <li>✦ Zero discharge liquid</li> <li>✦ Carbon capture,</li> <li>✦ Electrochemistry</li> </ul> |
|--|---|

## Call for Papers

All the presented papers in the conference will be considered for publication in any one of the following journals/book chapter as special issues with subject to peer review process.

### Conference Journals & Book



ICE (Taylor & Francis)



ESPR (Elsevier)



Book with ISBN No

### Registration fees

(Including Journal/Book chapter publication charge)

Categories	IChE Member (Amount in INR inclusive of 18% GST)	Non-IChE Member (Amount in INR inclusive of 18% GST)
<b>Academic Personnel</b>		
Faculty/Scientists	4000	5000
Research Scholars	3500	4000
Industrial Personnel	5500	6500
Senior IChE Member over 65 Years	2500	NA
Postgraduate Student	2500	3000
Undergraduate Students	2000	2500
Spouse Accompanying Indian Delegate (All Categories)	1500	2000
Other	2500	3000
Delegate (All Categories)	USD 200	
Foreign Delegates		
Spouse Accompanying Foreign Delegate**	USD 200	

\*\*no delegate kit will be provided to spouse

### Important Dates:

Abstract submission by (200 words)	30th March, 2023
Acceptance notification	15th April, 2023
Full paper submission for the publication	30th June, 2023
Last date of registration	30th August, 2023

Visit CHEMCON-2023 website for the online abstract submission

### National Council

Mr. Dineshchandra M Butala, President, IChE  
 Prof. M. K. Jha, Immediate Past President, IChE & Professor HAG, NIT Jalandhar  
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 Mr. Sushanta K Roy, Member, IChE  
 Prof. K. S. Rajanandam, Member, IChE

### National Organizing Committee

Chairman: Prof. A. S. K. Sinha, Director, Rajiv Gandhi Institute of Petroleum Technology  
 Vice-Chairman:  
 Prof. M. K. Jha, Professor HAG, National Institute of Technology Jalandhar  
 Mr. Biswanath Chattopadhyay, CEO, IVL-Dhunseri Petrochem Industries Ltd.  
 President, IChE

### Local Organizing Committee

Chairman: Shri Vikram Swarup, Vice-Chairman, Heritage Group of Institutions, & Chairman, Paharpur Cooling-Towers Ltd.  
 Vice-Chairman:  
 Prof. B. B. Paira, Founder Director, Heritage Institute of Technology  
 Prof (Dr.) Basab Chaudhuri, Principal, Heritage Institute of Technology  
 Mr Probir Roy, Director, Heritage Group of Institutions  
 Mr Pradip Agarwal, CEO, Heritage Group of Institutions  
 Organizing Secretary:  
 Dr. Avijit Ghosh, Heritage Institute of Technology, Kolkata  
 Treasurer:  
 Mr. Sushanta K Roy, Former Chief Manager - Balmer Lawrie

## Sponsorship Details

Category	Advt. Colour Page	Tariff in INR	Benefits
Platinum Partner	Full	Above 30.00 lakh	10 free delegates + Wide circulation in all communication+ Free Stall+ Free Life Membership (5 no)
Gold Partner	Full	Rs. 15.00 lakh	7 free delegates + Wide circulation in all communication+ Free Stall+ Free Life Membership (3 no)
Silver Partner	Full	Rs. 8.00 lakh	5 free delegates + Wide circulation in all communication+ Free Stall+ Free Life Membership (2 no)
Bronze Partner / Delegate Kit	Half	Rs. 5.00 lakh	3 free delegates + Wide circulation in all communication+ Free Stall
Copper Partner	Half	Rs. 4.00 lakh	2 free delegates + Wide circulation in all communication + Free Stall
Principle Partner (Lunch/Dinner each day)	Half	Rs. 3.00 lakh	2 free delegates + Wide circulation in all communication
Co-principle Partner (High Tea/ Breakfast, each day)	Nil	Rs. 2.00 lakh	2 free delegates + Wide circulation in all communication
Technical Partner (Plenary Lectures (Each)/Parallel Sessions (Each))	Nil	Rs. 1.00 lakh	1 free delegates + Wide circulation in all communication
Cultural Event Partner	Half	Rs. 2.00 lakh	2 free delegates + Wide circulation in all communication

## Advertisement in Souvenir

A souvenir will be made available to all delegates free of charge. Contributions are solicited to support this publishing of souvenir through advertisements.

### Position in the souvenir

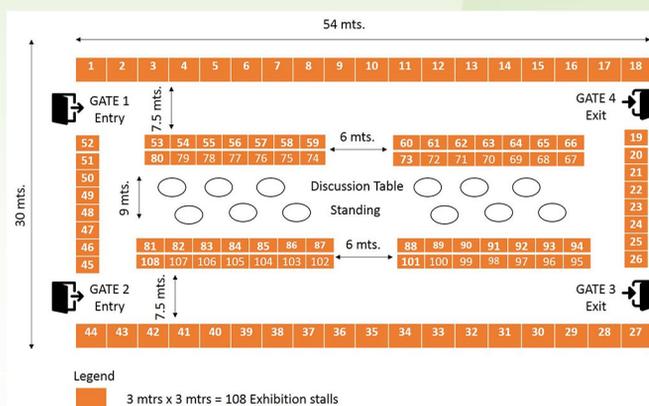
Multicolour Back Page/Multicolour Front Inside Page  
 Multicolour Back Gate Fold/ Multicolour Inside Gate Fold  
 Multicolour Inside Full Page  
 B/W Full Page/Multicolour inside half page  
 B/W inside Half page

### Price in INR/USD

Rs. 2,00,000.00/USD 2500.00  
 Rs. 1,00,000.00/USD 1250.00  
 Rs. 50,000.00/USD 625.00  
 Rs. 25,000.00/USD 312.50  
 Rs. 15,000.00/USD 187.50

## Industrial Exhibition

An exhibition of Manufacturers and Service Providers in Chemical Industry and allied businesses including safety, power, chemical & petrochemicals, emerging technology providers, consultants, etc. is proposed during CHEMCON 2023. There will be around 108 stalls of equal size (3 mtr x 3 mtr) and the layout of the exhibition ground is given below:-



The tariff of each stall for four days of Exhibition will be Rs. 1,00,000/- (Rupees one lakh) inclusive applicable GST. For booking of stalls please contact the following personnel:-

**Dr. Avijit Ghosh**  
 Organizing Secretary, CHEMCON 2023  
 Mob: 983075211

## Address for Correspondence

**Dr. Avijit Ghosh**  
 Organizing Secretary, CHEMCON-2023  
 Dr. H L Roy Building, Jadavpur University Campus, Kolkata - 700032  
 E-mail: chemcon2023@iiche.org.in | Ph. No.: +91-9830752111