Indian Chemical Engineering Congress

IIChE-CHEMCON 2023
An International Conference
Theme
Energy Transition: Challenges and Opportunities
27-30 December, 2023

In Association With

Our Patron/Partner

Indian Chemical News

Organized by
Indian Institute of Chemical Engineers
Dr. H L Roy Building, Jadavpur University Campus, Kolkata - 700032
chemcon2023@iiche.org.in +91 9830752111

Venue:- Heritage Institute of Technology, Kolkata

www.iiche.org.in/chemcon2023
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 December 27 to December 30, 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 December 28, 2023 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:

+ Energy Transition & Decarbonisation
+ Energy Storage: Super capacitor, Li-ion battery, metal hydride
+ Sustainable Energy Generation & Environment
+ Advanced Functional Materials
+ Drug Development & Deliveries
+ Bio-Chemical Sciences & Engineering
+ Process Optimization & Intensification
+ Computational Chemistry & Nanotechnology
+ Advanced Chemical Engineering
+ Catalysis and Reaction Engineering
+ Industry 4.0
+ Renewable energy
+ Effluent Treatment Techniques
+ Hydrogen Energy and Fuel Cells
+ Novel Separation Processes
+ Polymer Engineering and Technologies
+ Upstream and Downstream Petroleum Processes
+ Artificial intelligence and its application in Chemical Engineering
+ Digitization and automation in Chemical Process Industry
+ Fluid Dynamics and Mechanics
+ Nano-Technology
+ Waste to Energy
+ Zero discharge liquid
+ Carbon capture,
+ Electrochemistry

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

***no delegate kit will be provided to spouse

Bank Account Details

Branch Name: Union Bank of India, Kolkata-Jadavpur
Account Name: IICChE CHEMCON 2023
Bank Code: 000285000000000028
ICICI Bank
IFSC Code: UBIN0950559
SWIFT Code: UBINIBBSOCL (For International Transfer Only)
GST No.: 19URB1325H17H
CSC No.: CSB00528370
BOS Registration No.: AAAAM1125DB2021
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, Jamshedpur
Prof. Mr. B. P. Pain, Founder Director, Heritage Institute of Technology
Prof. Prabir Roy, Director, Heritage Group of Institutions
Prof. Pradip Agrawal, CEO, Heritage Group of Institutions
Prof. Babas Chaudhuri, Principal, Heritage Institute of Technology
Prof. C. Karthikeyan, Vice-President, IICChE
Prof. K. S. Rajanrampad, Vice-President, IICChE
Dr. Arvij Ghosh, Organizing Secretary, IICChE-CHEMCON 2023
Mr Su-nil Indudhal Thaker, Treasurer, IICChE-CHEMCON 2023, EX-GM(GNFC)

Local Organizing Committee

Chairman:
Shri Vikram Swarup, Vice-Chairman, Heritage Group of Institutions, & Chairman, Paharpur Cooling Towers Ltd.
Vice-Chairman:
Prof. B. B. Pain, Founder Director, Heritage Institute of Technology
Prof. Prabir Roy, Director, Heritage Group of Institutions
Prof. Pradip Agrawal, CEO, Heritage Group of Institutions
Prof. Babas Chaudhuri, Principal, Heritage Institute of Technology
Prof. C. Karthikeyan, Vice-President, IICChE
Dr. K. K. Panti, Co-opted Member, IICChE & Director, ST Roorkee
Prof. Asan K. De, Co-opted Member, IICChE & Professor, CU

Important Dates:

Abstract submission by (200 words) 21st July, 2023
Acceptance notification 15th August, 2023
Full paper submission for the publication 31st August, 2023
Last date of registration 15th September, 2023

IICChE-CHEMCON 2023

Registration fees

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<thead>
<tr>
<th>Categories</th>
<th>IICChE Member</th>
<th>Non-IICChE Member</th>
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<tbody>
<tr>
<td>Academic Personnel</td>
<td>4720</td>
<td>5900</td>
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<td>Faculty/Scientists</td>
<td>4130</td>
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<td>Research Scholars</td>
<td>6490</td>
<td>7670</td>
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Sponsorship Details

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<th>Benefits</th>
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<td>Full</td>
<td>Above 30.00 lakh</td>
<td>16 free delegates + Wide circulation in all communications Free Stall + Free Life Membership (5 nos)</td>
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<td>Gold Partner</td>
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<td>Co-principal Partner</td>
<td>Nil</td>
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<td>Technical Partner</td>
<td>Nil</td>
<td>Rs. 1.00 lakh</td>
<td>1 free delegates + Wide circulation in all communication</td>
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<td>(Plenary Lectures (Each)/Parallel Sessions (Each))</td>
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<td>Half</td>
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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 2000.00
- Rs. 50,000.00/USD 750.00
- Rs. 25,000.00/USD 400.00
- Rs. 15,000.00/USD 300.00

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 stalls of equal sizes (3 mtr x 3 mtr).

The tariff of each stall for four days of Exhibition will be Rs. 50,000/- (Rupees fifty thousand ) +18% GST.

For booking of stalls please contact the following personnel:-

Dr. Avijit Ghosh
Organizing Secretary, IICHE-CHEMCON 2023
Mob: 9830752111

Address for Correspondence

Dr. Avijit Ghosh
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