



Second Announcement

INDIAN INSTITUTE OF CHEMICAL ENGINEERS

Celebrating 75 Years of Glorious Journey



76th INDIAN CHEMICAL ENGINEERING CONGRESS

IICHE-CHEMCON 2023

An International Conference

Theme

Energy Transition: Challenges and Opportunities

27-30 December, 2023



INDIAN CHAMBER OF COMMERCE
Industry Partner

In Association With



RAJIV GANDHI INSTITUTE OF
PETROLEUM TECHNOLOGY, JAIS



JADAVPUR UNIVERSITY
KOLKATA



HERITAGE INSTITUTE
OF TECHNOLOGY, KOLKATA



UNIVERSITY OF
CALCUTTA

Indo-Canada
Joint Symposium

Technical Sessions

Pannel Discussions

Indo-Japan
Joint Symposium

Industry Summit

Journal/Book Chapter
Publication



Organized by

Indian Institute of Chemical Engineers

Dr. H L Roy Building, Jadavpur University Campus, Kolkata - 700032



chemcon2023@iiche.org.in



+91 9830752111



www.iiche.org.in/chemcon2023

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

IICChE-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 IICChE-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.

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



SPRINGER NATURE

Select papers from the conference will be published by Springer as a proceedings book volume. Springer will conduct quality checks on the accepted papers, and only papers that pass these checks will be published. Springer Nature does not charge any money for publication of Non-Open Access content. Abstracts/extended abstracts and short papers (less than 4 pages) are not considered for publication.

Registration fees

(Journal/Book chapter publication is free of cost)

Categories	IICHe Member (Amount in INR inclusive of 18% GST)	Non-IICHe Member (Amount in INR inclusive of 18% GST)
Academic Personnel		
Faculty/Scientists	4720	5900
Research Scholars	4130	4720
Industrial Personnel	6490	7670
Senior IICHe Member over 65 Years	2950	NA
Postgraduate Student	2950	3540
Undergraduate Students	2360	2950
Spouse Accompanying Indian Delegate (All Categories)	1770	2360
Other	2950	3540
Delegate (All Categories)	USD 200	
Foreign Delegates		
Spouse Accompanying	USD 200	
Foreign Delegate**		

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

(Registration fees includes registration kit, access to all the technical sessions & refreshment at the venue.)

Bank Account Details

Branch Name: Union Bank of India, Kolkata-Jadavpur
Account Name: IICHE CHEMCON 2023
A/c No.: 059522010000822
IFSC Code: UBIN0905950
SWIFT Code: UBINBB0CL (For International Transfer Only)
GST No. 19AAA11126Q1ZH
CSR No. CSR00033870
80G Registration No. AAAA1126QF20221

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Prof. Anil Kumar Saroha, President, IICHe
Mr. Dineshchandra M Butala, President 2022, IICHe

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Dr. Avijit Ghosh, Organizing Secretary, IICHe-CHEMCON 2023
Mr. Sunil Indudulal Thakar, Treasurer, IICHe-CHEMCON 2023, EX-GM(GNFC)
Mr. Debashis Ghosh, Chairman - Exhibition Committee, IICHe-CHEMCON 2023

Important Dates:

Abstract submission by (200 words) 10th October, 2023
Acceptance notification 15th October, 2023
Full paper submission for the publication 5th November, 2023
Last date of registration 30th October, 2023

National Council

Prof. Anil Kumar Saroha, President, IICHe & Professor, IIT Delhi
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Prof. K. K. Pant, Co-opted Member, IICHe & Director, IIT Roorkee
Prof. Asim K. De, Co-opted Member, IICHe & Professor, CU

Please check <https://iiche.org.in/chemcon2023/> to get the complete details of committee and council.

IICHe-CHEMCON 2023

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/ Educational 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
Principal Partner (Lunch/Dinner each day)	Half	Rs. 3.00 lakh	2 free delegates + Wide circulation in all communication
Co-principal 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 2000.00
Rs. 50,000.00/USD 750.00
Rs. 25,000.00/USD 400.00
Rs. 15,000.00/USD 300.00



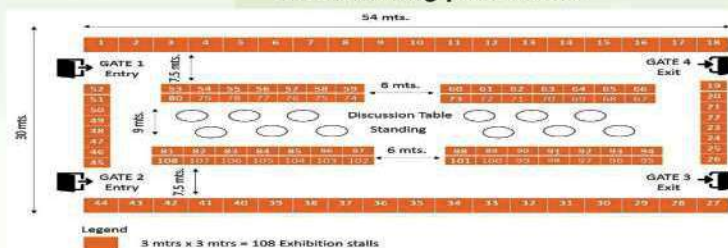
Industrial Exhibition

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

E: secretary@iiche.org.in

M: 9830752111

Mr. Debashis Ghosh

Chairman - Exhibition Committee

E: chairman.exhibition@iiche.org.in

M: 9831007911

Address for Correspondence

Prof. A.S.K. Sinha: Email : chairman.noc@iiche.org.in

Mr. Vikram Swarup: Email: chairman.loc@iiche.org.in

Mr. Pradip Agarwal: Email :vice-chairman.pka@iiche.org.in

Mr. Biswanath Chattopadhyay: Email : vice-chairman.bnc@iiche.org.in

Prof. Anil Kumar Saroha: Email : president@iiche.org.in

Dr. Avijit Ghosh: Email: secretary@iiche.org.in

Mr. Debashis Ghosh: Email : chairman.exhibition@iiche.org.in



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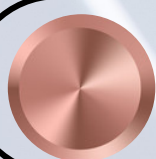
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Platinum Jubilee year

IICHE-CHEMCON 2023

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Dr. N. Kalaiselvi

Director General, CSIR & Secretary,
DSIR, Government of India



Smt Vartika Shukla

Chairman & Managing Director
Engineers India Limited



Ms. Sukla Mistry

Director, Refinery
Indian Oil Corporation Ltd



Prof. G.D. Yadav

Emeritus Professor of Eminence
and Former Vice Chancellor
Institute of Chemical Technology
(ICT) Mumbai



Prof. Ajayan Vinu

Global Innovation Chair for
Nanomaterials and Director
School of Engineering
The University of Newcastle



Shri Bhaskar Jyoti Phukan

Managing Director
Numaligarh Refinery Limited
Assam



Prof. Sanjay M. Mahajani

Department of Chemical
Engineering, IIT Bombay



Shri Atul Mulay

President and Strategic Business
Unit Head
Praj Industries Ltd, Pune



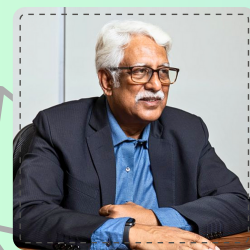
Shri Arvind Kumar

MD, Chennai Petroleum
Corporation Limited, Chennai



Prof. A.B. Pandit

Vice Chancellor, Institute of
Chemical Technology, Mumbai



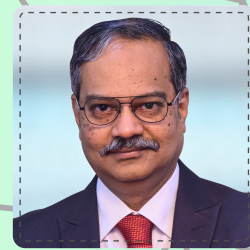
Shri Debasish Nanda

Director, Business Development,
Coal India Limited



Prof. Shishir Sinha

Director General
Central Institute of Petrochemicals
Engineering and Technology
Ministry of Chemicals and Fertilizers,
Government of India



Shri S. Bharathan

Director (Refineries)
Hindustan Petroleum Corporation Limited



**Shri Biswanath
Chattopadhyay**

Chief Executive Officer - IVL Dhunseri
Petrochem Industries Pvt Ltd.



Shri Alok Sharma

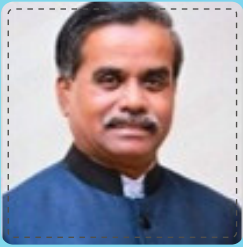
Executive Director
Centre for High Technology
Noida, Uttar Pradesh



Dr. Biswajit Roy

Director General
Gujarat Energy Research and
Management Institute, Gujarat

DECEMBER 27TH TO 30TH, 2023
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Prof. U. Kamachi Mudali
Vice Chancellor
Homi Bhabha National Institute
Mumbai, Maharashtra



Prof. Suddhasatwa Basu.
Chair Prof on Clean Energy Tech
Department of Chemical Engineering
IIT, Delhi & Former Director
CSIR-IMT & CSIR-IMFR



Prof. K Ganapathy Ayappa
Department of Chemical
Engineering
IISc, Bangalore



**Shri Parthasarathi
Chatterjee**
Executive Vice President - Head
Offshore Oil & Gas, L&T Mumbai



Prof. V. K. Srivastava
President (2018), IICChE



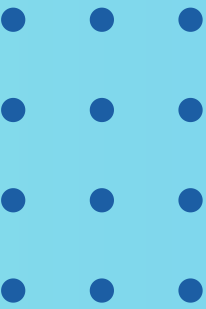
Shri Vilas Sapkal
Vice Chancellor
MGM University, Maharashtra



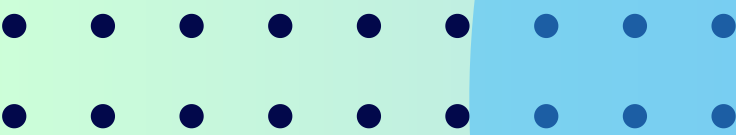
Shri Arup Jhampri
Chief Operating Officer
ONGC Petro additions Ltd
Vadodara, Gujarat



**Shri Subhankar
Chakrabarty**
Vice President, R&D
Exide Industries Ltd, Kolkata



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Dr. Raj Kumar Das

Thapar Institute of Engineering and Technology, Punjab



Dr. Santanu Das

Indian Institute of Technology (BHU), Varanasi



Dr. Anamika Kalita Deka

Central Institute of Technology Kokrajhar, Assam



Dr. Ravendra Gundlapalli

Indian Institute of Technology (BHU), Varanasi



Dr. Rahul Omar

AKS University, Satna (M.P.)



Dr. Ritesh Mittal

R&D, Engineers India Limited, Under Ministry of Petroleum, Delhi



Dr. Kalyan Gayen

National Institute of Technology, Agartala



Dr. Ajay K Ray

Western University London, Canada



Prof. Nitosh Kumar Brahma (Retired)

Indian Institute of Technology, Kharagpur



Dr. Joydeb Goura

Indian Institute of Technology, Kanpur (IITK)



Dr. Sandip Lahiri

Institute Innovation & Incubation Cell, National Institute of Technology, Durgapur



Dr. Santanu Mukherjee

Shoolini University of Biotechnology and Management Sciences, Bajhol



Er. Kirit B. Trivedi

Water Resources Department Government of Gujarat Gandhinagar.



Dr. S. V. A. R. Sastry

Harcourt Butler Technical University, Kanpur



Dr. Nitai Basak

Dr. B R Ambedkar National Institute of Technology, Jalandhar



Dr. Debashish Ghosh

CSIR-Indian Institute of Petroleum, Dehradun



Dr. Pabitra Choudhury

New Mexico Institute of Mining and Technology, Mexico



Dr. Omkar Singh Kushwaha

Indian Institute of Technology, Madras Chennai



Prof. Debasish Kuila

North Carolina A&T State University Greensboro, USA



Shri Shibaditya Sen

Business Development Prodair Air Products India



Dr. Veera M. Boddu

U.S. Environmental Protection Agency (USEPA), United States



Prof. Srinivasakannan Chandrasekar

Khalifa University, Abu Dhabi, UAE

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OUR INVITED SPEAKERS



Dr. Rupam Kataki
Department of Energy
Tezpur University, Tezpur, Assam



Dr. Manika D Kataki
Department of Biotechnology
Darrang College, Tezpur, Assam



Dr. Satyen Kumar Das
Indian Oil Corporation Limited,
R&D Centre, Faridabad



Prof. Mita Ray
Department of Chemical and
Biochemical Engineering
Western University, Canada



Dr. Ashis Kumar Mandal
CSIR-Central Glass and Ceramic
Research Institute

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