

The Seventy-fifth i.e. Platinum Jubilee Year of Annual Session of Indian Institute of Chemical Engineers (IIChE) will be organized by Kanpur Regional Centre of IIChE from 27th to 30th December, 2022 in partnership with Indian Institute of Technology, Kanpur, Harcourt Butler Technical University and University Institute of Engineering and Technology, CSJM University and Dr. Ambedkar Institute of Technology for Handicapped, Kanpur.

CHEMCONs have been considered as the ultimate technical jamboree for all senior students, practicing professionals, research scholars as well as academicians in the area of Chemical Engineering. Brilliant minds and engineering talents from all over the country assemble in CHEMCON arena to listen to lectures of Nobel Laureates, Renowned Professors, Research Scholars, and Industry Experts. The eternal goal of CHEMCON has been to evolve a technology driven society which shall lay emphasis on development in the field of Chemical Engineering. Advancement in new technologies will enable Chemical Engineers and Research Scholars to work together in building a more sustainable industry in future. Chemical Engineering is a very vast field, and it touches every aspect of human lives with irreversible contribution.

In CHEMCON 2022, an attempt is being made to bring together best scholars, academicians, practicing professionals, industry experts, engineering consultants, industry chambers to deliberate and exchange their views on futuristic advancement in the field of Chemical Engineering.



Indian Institute of Chemical Engineers (IIChE) was instituted on 18th May, 1947 on the eve of the Indian Independence. Dr. Hira Lal Roy, the great visionary and pioneer of Chemical Engineering Education in India, along with few other senior colleagues felt the need for a platform to spread education of Chemical Engineering in India. On the 75th year of India's Independence, the whole country is celebrating "Azadi ki Amrit Mahotsav" with a humongous goal of "Atma Nirbhar Bharat". Self-reliant and confident India will eventually ensure a sustained movement of Chemical Engineering profession through academic excellence, research, development, and industrial revolution.



Today with around 30,000 members on its roll, Institute has emerged as 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 168 student chapters. The Regional Centres promote and complement the activities and objectives of the Institute – within their respective territorial limits by organizing seminars, conferences, workshops, refresher courses, counseling sessions, and guiding career planning etc. The institute is recognized by the Department of Science & Technology, Govt of India as a Scientific and Industrial Research Organization and has 150 organizational members.

**IICHE** 

Both Indian Institute of Chemical Engineering and the Nation celebrate their 75th Anniversary year of Foundation in 2022. Ever since its foundation, the mission of IIChE has been to contribute to the Nation building through dissemination of knowledge and enhancement of skill in the field of Chemical Engineering and its allied areas. Inspite of a challenging path, IIChE has been always steadfast in its role. Today the Organization has emerged as a premier professional platform for Chemical Engineering Education and Profession in India, having a Pan India outreach.



IIChE spreads the message and movement of Chemical Engineering by conducting classes and conferences throughout the year at regular interval. However, its annual event which is known as Chemical Engineering Congress (CHEMCON) stands out tall owing to its wide reach across National and International forum. CHEMCON provides an opportunity for all senior students of Chemical Engineering, research scholars, professors, industry experts to come together ensuring four days of intensive interface of knowledge and experience. These exchanges of thoughts and theories help all delegates to constantly update and equip themselves in a fast-changing scenario which calls for research and development in Chemical Engineering applications. CHEMCON 2022 will be 75th Annual Session of IIChE and will be organized by Kanpur Regional Centre. After many decades, CHEMCON is coming to Kanpur, the industrial city of Uttar Pradesh State.

CHEMCON 2022 will present a host of events, which includes memorial lectures, plenary lectures, seminars, panel discussions, international symposium, industrial exhibitions etc. It's a matter of great honour and privilege for Patrons and Members of NOC and LOC to invite you to participate in the thought-provoking deliberations in this flagship event of IIChE.



Regional

Centre

Kanpur has been a major city of the state of Uttar Pradesh having reputed technical education institutions. Kanpur Regional Centre of IIChE was established in 1950 and resulted as one of the oldest regional centres in India. KRC has now over 100 nos. regular members from various educational institutions and industries. A membership drive is presently on, to maximize number of members before CHEMCON 2022. All the major industries and organizations located in and around Kanpur are the benevolent contributors through distinguished membership of the centre apart from the research scholars, and professors of Chemical Engineering. Presently the Office of the Regional Centre operates from the Administration Building located in East Campus of Harcourt Butler Technical University. KRC had organized 5th Annual Session of IIChE in 1952 at HBTU. Subsequently, 13th and 24th CHEMCON were also organized by KRC in 1960 and 1971 respectively. CHEMCON 2022 is coming back to Kanpur after fifty long years.



Indian Institute of Technology, Kanpur was established in 1959 and is one of the premier institutions founded by Government of India. The aim of the institute is to provide meaningful education, to conduct original research of the highest standard and to provide leadership in technological innovation. Vision statement of IIT Kanpur is "to create, disseminate and translate knowledge in science, engineering and allied disciplines that will best serve the society." Its mission is to pursue excellence in education, research and innovation.

### **IIT Kanpur**

# Motto: : "Tamaso Ma Jyotirgamaya" – Lead me from darkness to light

IIT Kanpur has a sprawling 1055 acres campus and is a residential institute. It thrives on 1. Enabling a creative and dynamic learning environment, 2. Developing sustainable research solution for the benefit of the nation, 3. Building bridges between the academic industry and society, 4. Fostering entrepreneurial skill and spirit, 5. Nurturing leadership qualities with sense of commitment & accountability, 6. Inculcating values and ethics in thought, expression, and deed. Chemical Engineering Department of IIT, Kanpur shall provide all around assistance to KRC, IIChE in conducting CHEMCON 2022.



Harcourt Butler Technical University is a State Government Sponsored University located in Kanpur, Uttar Pradesh. The HBTU was named after Sir Spencer Harcourt Butler, the then Governor of the United Provinces in British India. It is one of the oldest engineering education centres in the country. As a member of Education Council to Viceroy, Sir Harcourt Butler first proposed a technical education institute in 1910 in the industrial city of Cawnpore (Kanpur) to teach Chemistry and allied Chemical Sciences.

In 1920, to boost entrepreneurship, accelerate industrial development, create a sound environment for contemporary applied research and inculcate scientific research, an institute in the name of Government Research Institute was started. On 25th November, 1921, the then Governor Sir Spencer Harcourt Butler formally laid the foundation of the present main administration building of the institute. In 1928, the institute was renamed as Harcourt Butler Technological Institute. However, as of 1st September 2016, it was granted a university status and renamed again as Harcourt Butler Technical University under the HBTU Act, 2016 passed by Legislative Assembly of Uttar Pradesh. In the year 2021, HBTU completed glorious 100 years of its foundation. The centenary year is being celebrated in befitting manner by organizing seminars and conferences including the much-awaited CHEMCON 2022. HBTU has been a premier technical institute in the country especially in the field of Chemical Technology and Chemical Engineering.

### Motto: Shrama Eva Param Tapah – Work is Great Austerity

The university is located in Nawabganj area of Kanpur and is spread over two campuses, namely East & West campuses, constituting a total of 348 acres. The university is mostly residential and offers UG & PG courses in variety of engineering and chemical technology streams.



University Institute of Engineering and Technology, Kanpur was founded in 1996. This is a premier engineering institution located in Kanpur. It is an autonomous institute under the administration of Chhatrapati SahuJi Maharaj University, erstwhile known as Kanpur University. It is a self-financed institute. A team of dynamic and dedicated faculty members work relentlessly to impart best education to students of the Institute. Over the years, modern infrastructure has been developed to cater to the latest improvement in the field of engineering.

### Motto: Aroha Tamaso Jyoti – Rise from Darkness to light

The institute is set amidst the university campus over 265 acres of land. UIET offers UG engineering courses in Chemical Engineering, Computer Science, Electronics and Communication Engineering, Information Technology, Mechanical Engineering, Material Science and Metallurgical Engineering. UIET is celebrating 25th years (Silver Jubilee year) of its foundation in 2021.



Dr. Ambedkar Institute of Technology for Handicapped was established in 1997 with World Bank Assistance. AITH is an autonomous institute established under the Department of Technological Education, Government of Uttar Pradesh. The institute is located at Awadhpuri and spread over 15 acres of land. The Institute offers admission to diploma in Computer Science and Architecture and undergraduate courses to Handicapped (Divyang) and other students in Biotechnology, Chemical Engineering, Computer Science, Electronics Engineering, and Information Technology. AITH is affiliated to DR. A.P.J. Abdul Kalam Technical University, Lucknow. AITH will celebrate 25th year (Silver Jubilee Year) of its foundation in 2022.

### Motto: : "Na Dainyam Na Palayanam



Rajiv Gandhi Institute of Petroleum Technology (RGIPT) was set up in 2007 by Ministry of Petroleum and Natural Gas (MoPNG), Government of India, through the Act of the Parliament. The Institute has been accorded the eminence of being an Institution of National Importance along the lines of the IITs. The Institute is empowered to award degrees in its own right. The Institute is co-promoted as an energy domain specific institute by six leading oil public sector units (Oil and Natural Gas Corporation Limited, Indian Oil Corporation Limited, Oil India Limited, Gail (India) Limited, Bharat Petroleum Corporation Limited and Hindustan Petroleum Corporation Limited) in association with the Oil Industry Development Board. The Institute is associating with leading International Universities/Institutions specializing in the domain of Petroleum Technology and Energy. The prime objective of the Institute is to provide excellent education, training, and research to roll out efficient human resources, and to meet the growing requirements of the Petroleum and Energy sector.

# Motto: "Vidya Ratnam Mahadhanam" - Education is the ultimate wealth

The Institute is located at Jais, Amethi on Raebareli-Sultanpur highway. It has a state-of-art infrastructure, equipped with advanced research facilities, and promotes research and innovation starting from undergraduate level. The Institute offers a number of Bachelor's and Master's degree programs, Postgraduate diploma courses and Doctoral programs in Science, Engineering and Management.



Dr. A P J Abdul Kalam Technical University (AKTU), Lucknow formerly Uttar Pradesh Technical University (UPTU) is a State Government run affiliating university located in Jankipuram, Lucknow. It was established on 8th May 2000. There are approximately 800 colleges affiliated to this University. As a technical university, it imparts programs of education, research and training in Engineering, Technology, Architecture, Town planning, Pharmacy, applied arts and crafts. It is one of the largest technical universities in India and Asia. The university envisioned to facilitate and nurture quality technical education and research in its own premises as well as all affiliated institutions. At present around 400,000 students are enrolled in its programs.

Motto: Yogah Karmasu Kaushalam - Excellence in action is yoga

### JOINT SYMPOSIUM COLLABORATION

Society of Chemical Engineers, Japan (SCEJ), European Federation of Chemical Engineering (EFCE) and Canadian Society for Chemical Engineering (CAChE) have confirmed their participation in CHEMCON 2022. Confirmation from American Institute of Chemical Engineers is awaited. Indo-US, Indo-Japan and Indo-Canadian joint symposiums will be held during CHEMCON. Senior Professors and Members of IIChE, AIChE and CSChE will deliberate on recent developments and future research in the field of Chemical Engineering.

# City of Kanpur

The history says that in 1207, Raja Kanh Deo of the Kanhpuria clan established the village Kanhpur, which later became Kanpur and during British rule, the city was pronounced as Cawnpore. Kanpur is the largest metropolitan city in the state of Uttar Pradesh. Founded in 1803, Kanpur became one of the most important commercial and military station of British India. Situated on the banks of river Ganges. Kanpur today stands as the major financial and industrial centre of North India. The city is famous for its leather and textile industries.

During British regime, the city of Kanpur gained recognition as the "Leather city of the world" and was predominantly nicknamed as the "Manchester of the East" for its textile industries. Apart from leather & textiles, the city is also famous for its vegetable oil and ordinance industries. Major tourist attractions in & around Kanpur include Bithoor, ISKON temple, Atal Ghat, J K Temple, Moti Jheel, Jain Glass Temple, Phool Bagh, Kanpur Museum, Massacre Ghat, Kanpur Memorial Church, and 5th century Bhitargaon Temple. Kanpur has a good connectivity to all major cities of India by rail, road, and air.

# Weather of Kanpur in the month of December

The weather is usually extremely pleasant during the month of December, but on some occasion, it can get quite chilly. The temperature ranges between 15-25C during daytime and between 5-8C at night. Participants are strongly recommended to carry some warm clothes preferably woolen pullover and jacket.

### CHEMCON 2022 - THEME

### Sustainability in Chemical Processes through Digitalization, Artificial intelligence, and Green Chemistry.

The Chemical Engineering discipline is continuously evolving the sustainability of Chemical Processes. This development extends beyond the Physical and Chemical Sciences to include the biological sciences – reflected by bio and green modifiers, and other resources like alternate energy, alternate feedstock, green processes with minimal footprint and minimal environmental impact, process intensification, recycling etc.

Digitalization transforms the Chemical Industry rapidly across its entire value chain through predictive maintenance and process automation. Similarly, there are applications of Artificial Intelligence in the Chemical Engineering field, such as modeling, optimization, process control, reaction engineering, fault detection and diagnosis.

Sustainability Chemistry also called as Green Chemistry is an area of Chemistry & Chemical Engineering focused on the design of products and processes that eliminate the use and generation of hazardous substances and make the global environment clean and safe.

# **TECHNICAL & LECTURE SESSION**

CHEMCON 2022 covers themes relevant to the Chemical Engineering and allied profession through plenary, invited lecture, and poster sessions. All technical sessions will be chaired by persons of eminence from the relevant field. The detail format and instructions for abstract and full paper preparation can be obtained from the website – www.chemcon2022.com. Following are the points indicating areas of proposed sessions.

- 1. Methane Gas Conservation
- 2. Utilization of sludge gas
- 3. Photo Biological Hydrogen Production
- 4. Manufacture of soaps using enzyme
- Bio diesel from waste cooking oil, industrial processing waste oil recover and algal oils
- 6. Treatment and re-utilization of medical waste
- 7. Bio-surfactants, Green and eco-friendly detergent & cleaners
- 8. Utilization Plastics and polymetric waste
- 9. Effluent treatment in Petrochem and chemical process industry
- 10. Application of Neural Networks in Chemical Process
- 11. Studies on breaking Azeotropes
- 12. Solar energy and its application in Chemical Process Industry
- 13. Biological application of macro molecules
- 14. Computational fluid dynamics
- 15. Carbon sequestration

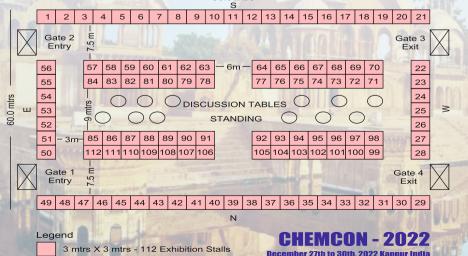
- 16. Artificial intelligence and its application in Chemical Engineering
- 17. Digitization and automation in Chemical Process Industry
- 18. Sustainability Management a path for growth and development.
- 19. Water Desalination
- 20. Al Techniques in Heat and Fluid Flow.
- 21. Sustainability in Water Conservation.'
- 22. Measurement Techniques for heat and mass transfer
- 23. Blockchain Technology in Chemical Industries
- 24. Green Hydrogen
- 25. Nano Materials for Bio sensing
- 26. Carbondioxide Capture and Conversion.
- 27. Carbon Nanotubes synthesis and application.
- 28. Catalyst & reaction engineering
- 29. Data mining, Fault Diagnosis & Process Design.
- 30. Novel Seperation Processes.

Shri Dhirubhai Ambani Commemoration Day:

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

# **Industrial Exhibition**

An exhibition of Equipment Manufactures and Service Providers in Chemical Industry and allied businesses including safety, emerging technology providers, consultants, etc. is proposed during CHEMCON 2022. There will be around 112 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) plus applicable GST. For booking of stalls please contact the following personnels:-

1) Biswanath Chattopadhyay Chairman, NOC. Mob.: 9831849636

2) Prof. R.K. Trivedi Chairman, LOC. Mob.: 9415044271

3) M/s. Exhibitions & Fairs
Ms. Kiran Raheia.

Associate Sr. Business Head

Mob.: 98212 70907 / 9820191087 E-mail: exhibitionsandfairs@yahoo.com

kiran.iichechemcon2022@gmail.com

# SPONSORSHIP & ENTITLEMENT

SI. No.	Category	Free Delegates	Advt. Colour Page	Banner	Price in INR
01	Platinum Sponsorship	10	1	Company's logo/Brand on Main Stage Banner+	
				Banner at Seminar SiteAbove	20.00 lakh
02	Gold Sponsorship	7	1	Company's Logo/Brand on Main Stage Banner +	
				Banner at Seminar Site	15.00 lakh
03	Silver Sponsorship	5	1	Company's Logo/Brand on Main Stage Banner +	
				Banner at Seminar Site	8.00 lakh
04	Bronze Sponsorship / Delegate Kit	3	1/2	Company's Logo/Brand on Main Stage Banner	
				+Banner at Seminar Site / Logo on Delegate Kit	5.00 lakh
05	Lunch (Each Day)	2	1/2	Company's logo / Brand on Main Stage Banner at Site	4.00 lakh
06	Dinner (Each Day)	2	1/2	Company's logo / Brand on Main Stage + Banner at Site	4.00 lakh
07	High Tea (First day or last day)	2	Nil	Banner at Site	2.00 lakh
08	Breakfast (Each Day	2	Nil	Banner at Site	2.00 lakh
09	Tea During Break (Each Day)	1	Nil	Banner at Site	0.75 lakh
10	Plenary Lectures (Each)/				
	Parallel Sessions (Each)	1	Nil	Banner at Site	1.00 lakh
11	Cultural Programmes	2	1/2	Company's logo / Brand on Main Stage + Banner at Site	2.00 lakh
12	Banner of each session	-	-	-	0.50 lakh

# **SOUVENIR**

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

Location	Price in INR/USD
Multicolour Back Page/Multicolour Front Page	Rs. 50,000.00/USD 750.00
Multicolour Back Gate Fold/ Multicolour Inside Gate Fold	Rs. 50,000.00/USD 750.00
Multicolour Full Page	Rs. 40,000.00/USD 550.00
B/W Full Page/Multicolour half page	Rs. 25,000.00/USD 350.00
B/W Half page	Rs. 15,000.00/USD 200.00

**GSTN** 

# Registration fees for CHEMCON 2022

1						
SI.No.	Category	Amount in INR inclusive of 18% GST				
01	IIChE Member	2950.00				
02	Non IIChE Member	4720.00				
03	Senior IIChE Member (Over 65yrs.)	2360.00				
Post Graduate Student						
05	IIChE Member	2360.00				
06	Non IIChE Member	2950.00				
Undergraduate Student						
07	IIChE Member	1770.00				
08	Non IIChE Member	2360.00				
Member including Life Member fee						
09	26–50 years age group	4720.00+8260.00 *				
10	51-65 years age group	4720.00+7080.00 *				
11	Spouse (All deledates)	2950.00**				
Foreign Delegates						
12	Member of an organization having MOU with	th IIChE USD 200.00				
13	Others	USD 300.00				
14	Spouse accompanying with foreign delegat	tes USD 200.00				

# **Mode of Payment**

All payment should be drawn as DD/Multicity Cheque/Online transfer in favour of IICHE – Indian chemical Engineering Congress – 2022 payable at Kanpur (Uttar Pradesh) in :-

Bank Account Number: 5274509836

Bank Name : CENTRAL BANK OF INDIA
Account Name : IICHE – Indian chemical
: Engineering Congress – 2022

 Branch
 : HBTI,KANPUR

 IFSC
 : CBIN0283288

 MICR No.
 : 208016036

 PAN No
 : AAAAI1126Q

Registration fees include delegates kit, lunch and tea \*Includes fee towards IIChE Membership subject to submission of eligibility proof.

: 09AAAAI1126Q1ZI

### **ACCOMODATION**

Delegates are requested to make their own boarding and lodging arrangements. There are many good hotels located within two kilometers radius of venues HBTU, UIET and AITH in Kanpur. Wide types of hotels starting from star rated to budget hotels, quest houses are available aplenty. For all student delegates, hostel facility will be provided on request and advance payment and first come first serve basis. The tariff rate card of hotels, quest houses, and hostels will be available in the official website of CHEMCON 2022 shortly.

# NATIONAL ORGANISING COMMITTEE

#### **Patrons**

- Padma Vibhushan Prof. M.M. Sharma
- Padmashri Prof. G.D. Yadav, Prof. of Eminence, ICT University of Bombay
- Prof. Abhay Karandikar, Director, Indian Institute of Technology, Kanpur
- Prof. Samsher, Vice Chancellor, HB Technical University, Kanpur
- Prof. P. K. Mishra, Vice Chancellor, Abdul Kalam Technical University, LKO
- Prof. A.S.K. Sinha, Director, Rajiv Gandhi Institute of Petroleum Technology
- Prof. K.K.Pant, Director, IIT, Roorkee
- Prof. Vinay Pathak, Vice Chancellor, CSJM University, Kanpur
- Prof. J.S.P. Rai , Vice Chancellor, JUET & Former Director, HBTI Kanpur

- Prof. Ashutosh Sharma, Former Secy., Dept. of Science & Technology, GOI
- Prof. Shishir Sinha, Director General, CIPET, Chennai.
- Prof. Rachna Asthana, Director, Dr. Ambedkar Institute of Technology for Handicapped.
- Prof. G.N. Mathur, Former Professor, HBTI Kanpur
- Mr. Sujoy Choudhury, Director Planning & Business Development, IOCL.
- Mr. Subhasendu Chatterjee, Director, Haldia Petrochemicals Ltd.
- Mr. Ranjan Mahapatra, Director, Indian Oil Corp Ltd.
- Mr. D.P. Patra, Director, MCPI (PTA) Pvt. Ltd.
- Mr. Raj Kumar Lohia, CMD, Lohia Corps., Kanpur.

#### Members

- Prof. Nasib Qureshi, ARS, Deptt of Agriculture, USA & Fellow of AIChE, AIC, SIMB Dr. Veera Boddu, US Environmental Protection Agency, Govt. of USA & Fellow, AIChE

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  Dr. Veera Boddu, US Environmental Protection Agency, Govt. of USA & Fellow, AIChE
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  Prof. Parameswar De, Former President, IIChE and Aglunch Prof. IIT Bombay
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  Prof. Anil Verma, Chemical Engineering Dept. IIT, Delli
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  Prof. Basab Chaudhury, Director, Heritage Institute of Technology, Kolkata and Former VC, WBSU
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  Dr. Avijit Chosh, Honorary Secretary, IIChEA Dept. of Chem. Eng., BryR&JC College of Eng., Guntur
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  Mr. S.H. Prakash, Managing Director, Ramdhenu Ltd., Gurugram
  Mr. S.H. Prakash, Managing Director, Brocos Director, Indonama Ventures, Mumbai
  Mr. Ka

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Vice-Chairman:

**Organizing Secretary:** 

Convener:

Joint Org. Secretary & Treasurer

Co-Convener

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Dr. Vinay K. Sachan, UIET, Kanpur

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#### Members Mr. Pray

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Dr. Ashish Kapoor, HBTU, Kanpur (Coordinator)

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Prof. Sanjeev Garg, IIT, Kanpur

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Dr. Alok K. Srivastava, DMSRDE, Kanpur

Dr. Girdhari L. Devnani, HBTU, Kanpur

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Dr. Dan Bahadur Pal, HBTU, Kanpur (Cocoordinator)

Dr. Adarsh Kumar Arya, HBTU, Kanpur (Coordinator)

Dr. Shravan Kumar, HBTU, Kanpur (Co-Coordinator)

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Er. Brijesh Kanaujia, Sam Infotech, Kanpur

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Memento/Certificate Design, Printing & Publication Committee

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Dr. Anjali Awasthi, HBTU, Kanpur (Co-coordinator)

Mr. Gaurav Singh, HBTU, Kanpur

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Dr. Rajkamal Kushwaha(Co-Coordinator)

Dr. Shravan Kumar, HBTU, Kanpur

Dr. Arun K. Gupta, UIET, Kanpur

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Dr. Zeenat Arif, HBTU, Kanpur (Co-Coordinator)

Dr. Shashi Bala Gautam, Govt. Polytechnic, Kanpur

Dr. Neeta Singh Rana, AITH, Kanpur

# **CALL DATES**

Abstract Submission	30th October 2022
Last Date of Abstract Submission	30th October 2022
Intimation of Acceptance of Abstract	1st July – 31st October 2022
Full Paper Submission	1st August – 30th November 2022
Last Date of Full Paper Submission	30th November 2022
Registration (Early Bird)	* 15th October 2022
Registration (Normal)	26th September – 30th November 2022
Registration Closing	1st December 2022
Registration (Spot)**	At CHEMCON 2022 Venue



<sup>\*\*</sup>Spot registration will be with 5% extra on the normal registration fee.

(Not applicable for new members registration for the first time with the institute during the CHEMCON 2022)



# Joint Symposium

The aim of the symposium is to exchange knowledge, insights, sharing views amongst each other to discuss and explore future challenges in delivering research results to society and to strengthen research networks. The origin of word "symposium" takes us back to ancient Greek and means "to drink together" and so can be said as gathering together, sharing the moment together and enjoying the experience to be together. The significant objective of this platform is to deliberate on various issues, present and future, related to the advancement achieved in the field of Chemical Engineering and allied areas. Symposium is a salon for networking in the fields of common interests such as Sustainable Development goals, new areas of Research, Developments in Green Chemistry application, Artificial Intelligence and Digitalization.

### Indo US Joint Symposium

The distinguished panel will consist of following learned speakers from USA:-

- 1. Prof. Nasib Qureshi, ARS, Department of Agriculture, USA and Fellow of AlChE, USA
- 2. Dr. Veera Boddu, US Environmental Protection Agency, and Fellow AlChE, USA
- 3. Dr. Steve Hughes, Director, GenScript and Adjunct Prof SDSU and Bradley Univ., USA
- 4. Prof. Thaddeus Ezeji, Ohio State University, USA
- 5. Prof. DebasishKuila, North Carolina A&T State University, USA

### Indo Canadian Joint Symposium

The distinguished panel will consist of following learned speakers from Canada: -

- 1. Prof. Anil K. Mehrotra, University of Calgary, Calgary, AB and Treasurer, CSChE
- 2. Prof. Ajay K. Dalai, University of Saskatchewan, Saskatoon, SK
- 3. Prof. Bishnu Acharya, University of Saskatchewan, Saskatoon, SK
- 4. Prof. Sudip Rakshit, Lakehead University, Thunder Bay, ON
- 5. Prof. Animesh Dutta, University of Guelph, Guelph, ON
- 6. Prof. Faisal I. Khan, Texas A& M University, College Station, TX
- 7. Prof. Jamal Chaouki, École Polytechnique de Montréal, Montréal, PQ
- 8. Prof. Janusz Kozinski, Lakehead University, Thunder Bay, ON
- 9. Prof. Sonil Nanda, University of Saskatchewan, Saskatoon, SK
- 10. Prof. Tumpa R. Sarker, University of Saskatchewan, Saskatoon, SK
- 11. Prof. Manjushri Misra, University of Guelph, Guelph, ON
- 12. Prof. Amar Mohanty, University of Guelph, Guelph, ON

### Indo Japan Joint Symposium

The distinguished panel will consist of following learned speakers from Japan:-

- 1. Prof. Matsukata, President, SCEJ
- 2. Prof. Hideto Matsuvama
- 3. Prof. Nobusuke Kobauashi
- 4. Prof. Kazuho Nakamura
- 5. Confirmation from other speakers awaited.

### Indo European Joint Symposium

Confirmation awaited.

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