

World Meet of the CHEMICALS, PETROCHEMICALS, **BIOPHARMA & PROCESS Industry in India**



Year Celebration



31st International Exhibition & Conferences

4-7 March 2024

Venue: Bombay Exhibition Center, Goregaon (East), Mumbai, India



























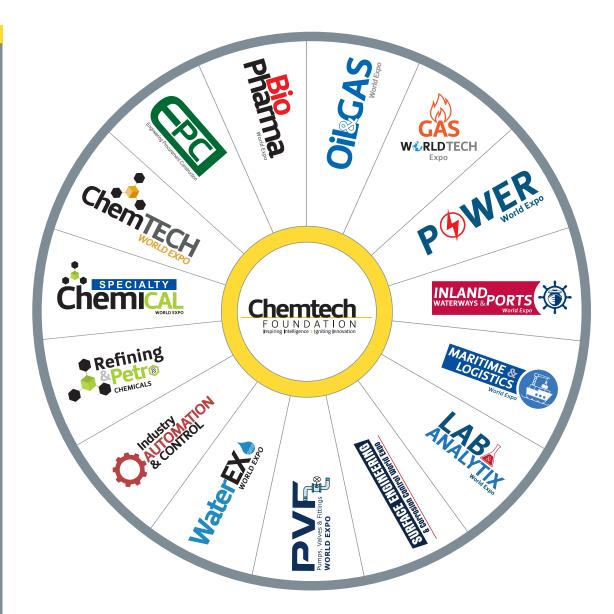






Over 48 Years of credibility in creating Platforms for business interactions & strategic alliances

- CHEMTECH Foundation is India's leading industry association since 1974, creating platforms for business interactions & strategic alliances.
- The group has a strong presence across the verticals of Chemicals & Processing, Engineering Procurement & Construction, Oil & Gas, Refining & Petrochemicals, Power, Automation & Process Control, Pharma & Biotechnology, Water, Inland Waterways, Ports, Maritime & Logistics, Power, Surface Engineering & Corrosion Control, and Infrastructure & Design.
- With constant focus on innovations & technology, the group offers specialised media services for peer to peer connectivity, and exchange of information & innovative ideas through CHEMTECH series of events & niche publications.
- It has created an industry platform preferred by established business leaders and entrepreneurs alike.
- Since 1974, thousands of business owners have explored business opportunities and maintained relationships through the Chemtech network







EXPLORE BUSINESS OPPORTUNITY IN INDIA WITH CHEMTECH





CHEMTECH LEADERSHIP FOR CHEMTECH WORLD EXPO - 2024

Leadership team of ChemTECH are involved in Key decision making process for India



Patron & Brand Ambassador ChemTECH World Expo 2024

Shri Suresh PrabhuFormer Member of Parliament
Government of India



Chairman EPC World Expo 2024

Mr. B Narayan Group President Projects & Procurement, Reliance Industries Ltd



Co-Chairman Refining & Petrochemicals World Expo 2024

Mr. Sanjay Khanna Director (Refineries) Bharat Petroleum Corporation ltd



Key Board Member Specialty Chemicals World Expo 2024

Mr. Rajendra Gogri Chairman & Managing Director Aarti Industries Ltd



Jury ChairmanChemtech Leadership & Excellence Awards 2024

Dr. R A Mashelkar Scientist, Former Director General, Council of Scientific and Industrial Research (CSIR)



Co-Chairman EPC World Expo 2024

Mr. Subramanian Sarma Whole time Director & Sr. EVP Energy Larsen & Toubro Limited



Chairman, WaterEX World Expo 2024

Mr. P Raghavendra Rao, IAS Chairman, Haryana State Pollution Control Board, Ex Secretary (Chemicals & Petrochemicals)



Chairman Specialty Chemicals World Expo 2024

Mr. Nadir Godrej Managing Director Godrej Industries Ltd



Chairperson, Refining & Petrochemicals World Expo 2024

Ms. Sukla Mistry Director (Refineries) Indian Oil Corporation Ltd



Convener, Specialty Chemicals World Expo 2024 **Dr. Raman Ramachandran** Head of Management Development Programmes K J Somaiya Institute of

ChemTECH World Expo 2022











Management









CHEMICAL



Response of large scale industries will help small scale players



Mr. Suresh Prabhu

Member of Rajya Sabha,
Government of India

"Like many other countries in the world, the backbone of India's industry is small scale but there's a linkage between small scale and the large scale. The response of large companies to megatrends will positively help small scale companies because these are the part of supply chain and help to ensure that those who are vulnerable today in the small scale will also benefit from these large initiatives that will be taken, because when you are greening your supply chain you are also helping them indirectly."

CHEMICAL



Exhibition that we are having is of extreme importance



Ms. Arti Ahuja (IAS)
Secretary, Department of
Chemicals &
Petrochemicals,
Ministry of Chemicals &
Fertilizers, Govt. of India

"In context of the conference, the exhibition that we are having is of extreme importance and why is that, because it is the technology that is going to give us solution to the problem that is going to provide the way ahead. Unfortunately in India we have not been path breakers in the aspects of new technology and are dependent still on the outside world for supply of technology even for the existing processes. Now is the time when we are at a cusp to innovate, now is the time we need to emphasize on newer technology which is also more efficient, making the older processes more efficient and also going in for wholesale change over, flipping over to better technology, more efficient technology."

EPC



Many good cases for investment for import substitution



Mr. B Narayan

Group President, Projects

& Procurement, Reliance
Industries Ltd.

Chairman, EPC World Expo 2022

"World makes about 400 million tonnes of petrochemicals. India's demand is 40 million tonnes but we make only 25 million tonnes so there's already a gap of 40% so there's absolutely a good opportunity for India to invest, and I see that happening. I would say that products which are going to be really in demand are imported heavily are good cases for us to invest in coming years."

EPC



Need to be as efficient as what China was 10 years ago



Mr. Subramanian Sarma

Whole time Director & Sr. EVP (Energy) Larsen & Toubro

Co- Chairman EPC World Expo 2022

"India has always been a price sensitive market, nothing gets sold until it is very competitive. But now the whole world is getting price sensitive and if China is going to be marginalized for whatever reason. people have been used to low cost products and now they will go for alternative but not pay premium. To take this opportunity would mean to be as efficient and as productive as what China was 10 years ago and this is what we need to do."

BIO PHARMA



Green growth is not expensive



Dr. Habil Khorakiwala Chairman, Wockhardt

"When you do right things in terms of industrial right chemical processes, obviously you end up using lesser chemicals, have more efficient process, achieve cost reduction and you are doing this in an environment friendly way. To have green growth is not expensive in fact many times it reduces your cost. It is up to the leaders present here of the various organization to provide this kind of the green growth which is possible."



SPECIALTY CHEMICALS



It is the consumer footprint that matters



Mr. Sudhir Sitapati

MD & CEO
Godrej Consumer
Products Ltd

"I think the sustainability agenda is not a particularly new one and certainly for the last 10-15 years many companies have been focusing on sustainability, a lot of the focus in the prior decade was really on whatever you could do to sustainability in terms of manufacturing processes and factories. However bigger the company the amount of difference that it can make in its own operations to the environment is relatively small and what consumer companies across the world are realizing it's not their own manufacturing footprint that matters it is the consumer footprint."

REFINING & PETRO CHEMICALS



Aim for diesel destruction technologies



Dr SSV Ramakumar
Director (R&D), IndianOil
Chairman
Refining & Petrochemicals
World Expo 2022

"The refiners have primary onus to provide energy security to this nation on growth trajectory and as well as fulfill the announcement & pronouncement of our Honourable Prime Minister to Net Zero by 2070. The need of the hour is that as process technologists, catalyst technologists, refinery process engineers, we need to instill the requisite flexibility in refining configurations. With the current diesel demand destruction, we are facing the challenge of how the configurations are going to deal with extra amount of diesel."

INDUSTRY AUTOMATION



Bridge the glaring gap in automation



Mr. U K Bhattacharya
Director Projects, NTPC Ltd
Chairman
Industry Automation &
Control World Expo 2022

"We need to understand that we did not go through the Industrial age even, but we are going into digital age. When you discuss Industry 5.0 in Indian context and take forward the actionable points, you have to keep in mind that the Indian psyche of the workers as well as consumers will always remain half-hearted in terms of Industrial and neo-digital and may be semi-agrarian. So it is a mix and these psychological parts we must understand before we get into the digital world."

EPC



Need to leverage human & machine strengths



Mr S K HandaDirector Projects
Engineers India Ltd

"Co-bot is the finest example of human and machine collaboration, autonomous robots work independently as per the program fed whereas the collaborative robots respond to the actions and the instructions of the humans, this is definitely a step forward. This clearly shows strength of both humans and machines can be used to accomplish specific tasks as the human needs, the human and smart machine collaboration has a strong potential to reduce waste from the industrial processes, reducing the cost of operations, cost of maintenance et cetera and bring more competitiveness."

SURFACE & CORROSION



Proactive approach will go a long way



Mr R K Srivastava

Director Exploration
ONGC Ltd
Chairman
Surface Engineering &
Corrosion Control World
Expo 2022

"Managing integrity by stringent monitoring and predicting corrosion well is essential for maximizing the productive life of oil wells. Recent industry advances in protecting coatings new formulations or ways to apply coatings so that they last longer, for instance functional super-hydrophobic coating systems for possible corrosion mitigation are must. There have been significant advances in corrosion inhibitors and techniques in cathodic protection. Choosing the right material through a proactive approach will definitely go a long way to build assets that can withstand corrosion, be safer, require less maintenance and have longer life cycles."





31st International Exhibition & Conferences

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Chemtech shall enter the 6th decade of serving industries with ChemTECH World Expo 2024 scheduled from 4th - 7th March 2024 in Bombay Exhibition Centre, Goregaon (East), Mumbai. Concurrent events include focused international exhibitions and conferences for: EPC, Refining & Petrochemicals, Specialty Chemicals, BioPharma, Water, Surface Engineering & Corrosion Control Industry Automation & Control and Pumps Valves & Fittings. The four day tradeshow will bring together the stakeholders from the ecosystem of chemicals processing industry to common platform and provide unparalleled opportunities to engage, network & explore business opportunities.

Concurrently, Chemtech will organize Student Outreach Program, an initiative to 'Developing Future Leaders'. Young students from engineering & sciences aspiring to join the chemical processing and allied industries interact with the industry leaders, display ideas in Student Innovation Hub during exhibition and to the jury members for Student Awards and participate in the Internship Program to interact with the human resource specialists as prospective interns for industrial training.



EXHIBITOR GROUPS

- Chemical & Pharma Processing
- Process Plants & Equipment
- Mechanical Processes & Thermal **Processes**
- **Engineering Procurement &** Construction
- **Technology Licensors**
- **Project Management Consultants**
- Refining
- Chemicals & Petrochemicals
- **Specialty Chemicals**
- Chloroalkali
- **Fertilizers**
- Water & Waste Management
- **Environment Technologies &** Services
- **Digital Services**
- **Industrial Automation**
- Instrumentation, Control and **Automation Techniques**
- Industrial and Labour Safety
- **Electrical Equipment**
- Research & Innovation
- Biotechnology

- Green Chemistry
- Banking Finance & Insurance
- Laboratory and Analytical Techniques

PHARMA & BIOPHARMA

- Pharmaceutical, Packaging and Storage Techniques
- Ingredients
- Bulk drugs
- R&D
- Warehousing
- Cold chain
- Packaging
- Contract Research & Manufacturing

CLEAN ENERGY

- Hydrogen
- **Biofuels**
- Methanol
- Carbon Capture Utilization & Storage
- Renewables Solar Wind & Hydro

LOGISTICS

- **Logistics Services**
- Containers
- Supply Chain Management
- **Packaging**
- Material Handling
- Storage & Warehousing
- Cold Chain Management

CORROSION CONTROL

- Materials Technology and Testing
- **Industrial Coatings**
- **Corrosion Control Technologies** & Services
- **Surface Engineering Solutions**
- New metallurgies
- Inspection & Monitoring Technologies

India - International Joint **Participation & Visitors** ChemTECH World Expo 2022























































10 Ways in which Chemtech can help you Connect to India



If you are looking for a single platform to do business in India, the Chemtech Foundation offers you the perfect location to connect to multiple opportunities. Since the past 35 years, the Chemtech World Expo has been the leading industry destination for international companies to be present in India.

Exhibit at the Trade Expo:

Business Interactions: Meet over 1100 exhibitors from across the entire value chain of the chemical process industry

Strategic alliances: Interact with the entire supply network across the Chemical, Pharma & Biotechnology and Oil & Gas sectors from a single location

Market analysis: Evaluate the Indian consumption market and get feedback with over 40,000 visitors walk-ins over 3 days

Stay updated with Information Services:

India Guide books: On registration, get an 'India Explained' docket from Chemtech catering to your specific sector

Publications: Subscribe to our sector-specific monthly journals for the latest products and developments in the Indian markets

Industry Reports: All registered partners get topical research papers created in collaboration with industry research analysts

Directory Listings: Be listed and get access to an exhaustive database of over 10,000 chemical process engineering companies









Visit of representatives from overseas companies to industrial tradeshows organised under the CHEMTECH Foundation umbrella & industrial clusters.

SME Matchmaking Services: Focused interactions with the Indian companies from niche SME sector which forms a major part of the indian chemical process

Technical Seminars at Conferences: Represent your company and country as a speaker at the international conference



TO REGISTER FOR THE 31st EDITION OF CHEMTECH WORLD EXPO. contact your Chemtech Service Agent or log on to www.chemtech-online.com





OUR EVENTS

































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