



Department of Chemicals & Petro-Chemicals
Government of India



Seminar on Technology Upgradation in
CHEMICAL & PETROCHEMICAL
INDUSTRY | April 15-16, 2013
Federation House, New Delhi

Knowledge & Strategy Partner

Media Partners



ChemicalWeekly

CHEMICAL INDUSTRY DIGEST

THE Masterbuilder
INDIA'S PREMIER CONSTRUCTION MAGAZINE

Industry overview

The Indian chemical industry is an integral component of the Indian economy. The industry has key linkages with several other downstream industries such as automotive, consumer durables, engineering, food processing etc. The industry produces and supplies more than 80000 products. The chemicals industry which includes, (as per national Industrial Classification) basic chemicals & its products, petrochemicals, fertilizers, paints and varnishes, gases, soaps, perfumes and toiletries is one of the most diversified of all industrial sectors covering thousands of commercial products. The industry has registered a growth of ~10% over the last few years. The outlook for the future is also encouraging and the chemicals-petrochemicals market is expected to grow at 11-13 % per annum.

The industry is increasingly shifting to Asia in consonance with the shift of its key consumer industries. This has led to share of Asia in the global chemical industry increasing from 31% to 45% between 1999 and 2009. With Asia's increasing contribution to the global chemical industry, India emerges as one of the focus destinations for chemical companies worldwide.

The challenges to the industry include growing competition from other countries as also the high costs of production for various reasons. In order to be competitive in the international market, the chemical industry in the coming decades has to promote sustainable development by investing in technologies that are water/energy/feedstock efficient as also safe and protect environment and stimulate growth while balancing economic needs and financial constraints.

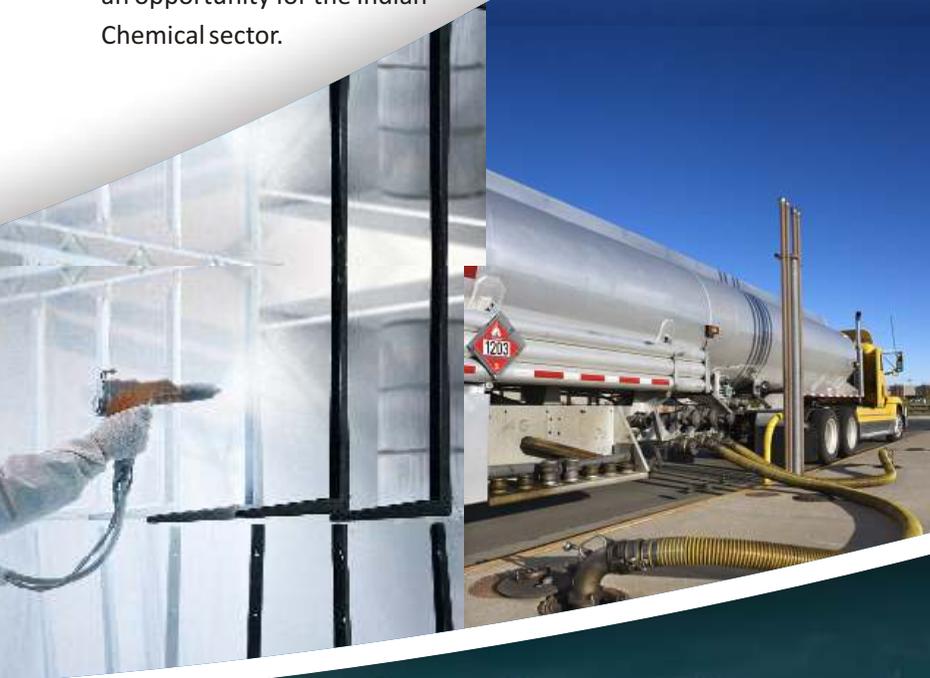
Process Intensification will prove helpful in cutting down the production costs and also address the challenges of environmental concern simultaneously. According to the Technology Vision 2020, there is a need for development of technologies for residue upgradation and maximization of distillates besides the need of technologies for pollution abatement in petrochemical industries. Establishment of technology development centres, creation of centre of excellence for R&D and a specialized centres for performance plastics as also other important components of the industry such as Colorants, Construction Chemicals etc are felt to be of immediate importance. Gas-liquid solid reactors have wide ranging applications in petroleum, petrochemical and chemical industries. Environmentally benign catalysts need to be developed to obtain higher yields. There is a need to upgrade



process/technology leading to improved raw material and energy efficiencies esp. in fertilizers sector. Efforts need to be made to reduce operating costs. Technology shift towards more efficient membrane cell technology and R&D focus on reduction in raw material and utility consumption and energy savings need to be encouraged. Improvements in product quality and reduction in volume of effluents generated also need to be addressed in Heavy Chemicals area.

Proper attention needs be paid to safe and judicious use of pesticides by establishing integrated pest management facilities and pesticide residue analysis centres. Handling of effluent release from the chemical industry is a very important issue and needs to be addressed in view of its impact on other stakeholders and the public perception of the industry which is very important. There is need to have best models of effluent treatment plants and adoption of Cluster approach for the sector can also be very helpful. The use of novel effluent treatment techniques like catalytic wet air oxidation and electro-coagulation needs be explored for the treatment of textile industry effluents containing toxic metals.

There is a huge unrealized potential of further growth of chemical industry as indicated by the present very low per capita consumption levels in the country. Per capita plastic consumption in India is still hovering around 7.0 kgs as compared to 46 kgs in China and 65 Kgs in Europe. For colorants same in India is only 50 gm vis-à-vis the world average of above 250 gms & similarly per hectare usage of agrochemicals is only 0.58 kgm , while for Europe it is 3.0 kgm and for Japan 10.8 kgm. The draft Manufacturing Policy recently approved by the cabinet targets increasing the share of manufacturing in GDP to at least 25% by 2025 (from current 16%) and that is an opportunity for the Indian Chemical sector.





About The Event:

To bring focus to the imperatives of Technology upgradation in the Chemical sector, FICCI, jointly with the Department of Chemicals & Petrochemicals, Govt. of India and Indian Institute of Chemical Engineers (IICChE) is organizing this Seminar on April 15-16, 2013 at New Delhi. IIT Delhi and Engineers India Limited (EIL) are the Knowledge Partners for same.

Event Objectives

- To provide a unique platform to interact and network with industry and policy makers, in an effort to identify the various impediments to the growth and functioning of the industry as well as to forge strategic partnership.
- To showcase the Indian capabilities in these sectors & invite global investors to invest in these upcoming sectors in the country.
- To bridge the gap between Indian & Global companies by exploring the possibilities of mergers, joint ventures, co manufacturing and strategic alliances.
- To highlight and discuss the marketing techniques and strategies that needs to be undertaken to enhance competitiveness.
- To highlight the business opportunities in the industry
- To discuss and deliberate on the research & development, infrastructure and environmental concerns.
- To highlight the application technologies enhancing the productivity.
- To provide a platform for the manufacturers and the end users to interact.

Why Participate?

- To understand the current market scenario and developments taking place.
- To discuss the marketing techniques and strategies that needs to be undertaken to enhance competitiveness.
- To acquaint yourself with the regulatory regime in the industry.
- Opportunity to meet the leading leaders from government and industry to discuss the issues and problems being faced by the industry.
- To discover solutions to grow your business opportunities.
- Leveraging branding opportunities through partnership with us.





Who Should participate?

- Chief Executive Officers
- Chief Information Officers
- Marketing Professionals
- Head- R&D
- Regulatory Affairs and Quality Managers
- Directors-Corporate Strategy
- Policy Makers
- Consultants
- Contract Research Organisations
- Contract Manufacturers

Participation Details

Indian Nationals	:	INR 6,000/- per person
Foreign Nationals (includes Indian residing abroad and foreigner residing in India)	:	USD 200/- per person

Incentives

For 2 or more delegates from the same Co; FICCI Associate members and members of supporting associations (10% disc)	:	INR 5,400/- per person
For 5 or more delegates from the same Co; FICCI Corporate members (25% disc)	:	INR 4,500/- per person
Academics	:	Rs 2,000/- per delegate
Students (limited to 20 students sponsored by the institution)	:	Rs 1,000/- per delegate

Please note

- The delegate fee includes the conference registration, delegate kit, conference literature lunches, cocktails & dinner.
- It does not include airfare, hotel stay or any other incidental expenses.
- Please mention the FICCI Membership number in the Registration Form to avail the discount

Cancellation Policy for Registration

Requests received in writing upto March 31, 2013 will be considered for cancellation. A 25% handling charge will be deducted from the total amount deposited towards the delegate fee and the rest refunded by cheque. No amount will be refunded after March 31, 2013.



Partnership Opportunities

● Premier Partner:	INR 7 Lacs *
● Platinum Partner:	INR 6 Lacs
● Gold Partner:	INR 5 Lacs
● Silver Partner:	INR 4 Lacs
● Networking Dinner Partner:	INR 3 Lacs
● Networking Lunch Partner:	INR 2 Lacs**
● Delegate Kit Partner:	INR 2.5 Lacs*
● Associate Partner:	INR 1 Lacs

*Exclusively to one partner

** Each day lunch

Premier Partner: INR 7 Lacs

- Display of Company logo as "Premium Partner" at the side panel of conference backdrop.
- Exclusively for one partner
- Separate branding standy's for the premier partner at the conference and lunch venue
- Screening of partner's promotional film during Tea Breaks
- Reserved table for the delegates in the hall
- Ten complimentary delegate passes for the conference
- An exclusive display/table space at the conference venue for display of their material.

Platinum Partner: INR 6 Lacs

- Display of Company logo as "Platinum Partner" at the side panel of conference backdrop.
- Screening of partner's promotional film during the Lunch breaks
- Reserved table for the delegates in the hall
- Nine complimentary delegate passes for the conference
- An exclusive display/table space at the conference venue for display of their material.

Gold Partner: INR 5 Lacs

- Display of Company logo as "Gold Partner" at the side panel of conference backdrop.
- Eight complimentary delegate passes for the conference
- Full page advertisement in the booklet of the event
- An exclusive display/table space at the conference venue for display of their material.



Silver Partner: INR 4 Lacs

- Display of Company logo as "Silver Partner" at the side panel of conference backdrop.
- Five complimentary delegate passes for the conference
- Full page advertisement in the booklet of the event



Networking Dinner Partner: 3 Lacs

- Special Panel acknowledging "Cocktail & Dinner Partner" at Dinner venue.
- Five complimentary delegate passes for the conference
- Full page advertisement in the booklet of the event



Networking Lunch Partner: 2 Lacs

- Special Panel acknowledging "Lunch Partner" at lunch venue.
- Three complimentary delegate passes for the conference



Delegate Kit Partner: 2.5 Lacs

- Display of company logo at the back panel of conference backdrop
- Name and logo of the partnering company to embossed on the delegate kit.
- Three complimentary delegate passes for the conference.
- Full page advertisement in the booklet of the event

In addition all partners are entitled to

- Display of partner's logo on the event website and all conference material
- Corporate Literature (1 CD and 8-10 pages brochure) to be included in the delegate kit.
- Special announcement for thanking partner.

Advertisement for conference booklet...

Category	Amount
Full Page	Rs 20,000/-
Inside Back cover	Rs 30,000/-
Back Cover	Rs 40,000/-
Inside Front cover	Rs 40,000/-



Department of Chemicals & Petro-Chemicals
Government of India

The Department of Chemicals & Petro-Chemicals has been part of the Ministry of Chemicals and Fertilizers since 1991. The Department is entrusted with the responsibility of policy, planning, development and regulation of Chemicals and Petrochemicals Industries. The business allocated to the Department are Insecticides [excluding the administration of the Insecticides Act, 1968 (46 of 1968)], Molasses, Alcohol - industrial and potable from the molasses route, Dye-stuffs and dye-intermediates. All organic and inorganic chemicals, not specifically allotted to any other Ministry or Department. Industries related to production of non-cellulosic synthetic fibres (Nylon Polyester, Acrylic etc.), Synthetic rubber, Plastics including fabrications of plastic and moulded goods.

All attached or subordinate offices or other organizations with any of the subjects specified under this department. Public Sector projects concerned with the subjects included under this department except such projects as are specifically allotted to any other Ministry or Department.

For more details on Department of Chemicals and Petrochemicals; please log on to www.chemicals.nic.in



Industry's Voice for Policy Change

Established in 1927, FICCI is the largest and oldest apex business organisation in India. Its history is closely interwoven with India's struggle for independence, its industrialization, and its emergence as one of the most rapidly growing global economies. FICCI has contributed to this historical process by encouraging debate, articulating the private sector's views and influencing policy.

A non-government, not-for-profit organisation, FICCI is the voice of India's business and industry.

FICCI draws its membership from the corporate sector, both private and public, including SMEs and MNCs; FICCI enjoys an indirect membership of over 2,50,000 companies from various regional chambers of commerce.

For more information, please log on to www.ficci.com

About IICChE

Indian Institute of Chemical Engineers is the apex professional society of Chemical Engineers in India, popularly abbreviated as IICChE. IICChE is a confluence of streams of professionals from academia, research institutes and industry. It provides them the appropriate forum for joint endeavors, hand in hand, to work for human well being through application of chemical engineering and allied sciences. The institute is pursuing its objective of promoting the cause of Chemical Engineering through education and training activities. The IICChE has more than 30 regional centers operating in the country.

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PLASTINDIA FOUNDATION®



Indian Chemical Council



CHEMEXCIL



For further details, please contact...

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REGISTRATION FORM

Name Designation

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Organization:

Address:

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Telephone(s): Fax:

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Please note:

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(limited to 20 students sponsored by the institution)

Please note:

- All fees are payable by cash/cheque/DD in favour of "FICCI" payable at New Delhi.
- The delegate fee includes conference kits, study material, lunches and dinner. It does not include airfare, hotel stay or any other incidental expenses.
- You may also pay through Swift transfer in favour of FICCI. SWIFTCODE: BIC UTBIINBBDEL, SB A/C 1412010031259 at United Bank of India, Overseas Branch, HS- 32, Kailash Colony Market, 1st Floor, New Delhi-110048, India. Bank Transfer through Standard Chartered Bank, New York A/C-3582021835001(Swift-SCBLUS33).
- You are requested to kindly mention name of the event while making the payment.

Refund Policy: request received in writing upto March 31, 2013 will be considered for cancellation. A 25% handling charge will be deducted from the total amount deposited towards the delegate fee and the rest refunded by cheque. No amount will be refunded after March 31, 2013.

Kindly send duly filled in registration form to:

Mr P. S. Singh

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