

## ChemTECH WORLD EXPO 2015

**4** Days

**8** International  
conferences

**600** Exhibitors **20** Countries

**150** Speakers  
of global acclaim

**2000** Student Delegates  
from all over INDIA

**600** Delegates  
from Overseas & INDIA

**40000** Industry visitors  
from INDIA & Overseas

## Forging Greater Business Partnerships

- CHEMTECH DECHEMA & VDMA to organise India Day Seminar on June 16, 2015 (4:00 PM Onwards) in Frankfurt



CHEMTECH & DECHEMA continue the tradition of last 40 years of extending mutual support to catalyse the growth of chemicals processing industry. Since 1997, CHEMTECH has been organising India Day Seminar during ACHEMA series of international exhibitions and conferences to create greater business partnerships. The seminar aims to translate the vision of the Honourable Prime Minister of India to build India as one of the largest global manufacturing hubs.

CHEMTECH, in partnership with DECHEMA and VDMA will organise the India Day Seminar 2015 on the

theme Make in India : Forging Greater Partnerships on June 16, 2015 , 4:00 pm onwards at 'FREQUENZ' in 'Portal Haus' Hall 11 concurrently during ACHEMA 2015

**Dr Kurt Wagemann**, CEO, DECHEMA, **Mr Maulik Jasubhai**, Vice Chairman & Chief Executive, Jasubhai Group & CHEMTECH Foundation, **Mr Richard Clemens**, MD, VDMA, **Dr Benno Lueke**, Director Chemicals (Oil & Gas) and Chairman, TKIS-India Pvt Ltd, **Dr Andreas Widl**, Chairman of the Samson AG Executive Board, **Mr B Narayan**, Group President, Procurement & Projects, Reliance Industries Ltd and **Mr Yatinder Singh Suri**, MD & Country Head, Outokumpu India will be speaking during the seminar.

**Chemtech**  
FOUNDATION

World Meet of the chemicals, petrochemicals, pharmaceuticals & process industry in india

### ANNOUNCING



#### CHENNAI-2015

December 10-12, 2015

Venue: TNTPO, Exhibition Ground, Chennai

#### GUJARAT-2016

February 10-12, 2016

Venue: Ahmedabad, Gujarat

#### MUMBAI-2017

February 14-17, 2017

Venue: Bombay convention & Exhibition center, Goregaon [East], Mumbai, India

www.chemtech-online.com

## CHEMTECH gears up to provide stronger connectivity with the regional markets in country

In the year 2013, CHEMTECH took the flagship event to Chennai after a gap of almost 15 years which received overwhelming response. Announcement of two PCPIRs viz. Vizag in Andhra Pradesh; and Cuddalore in Tamil Nadu will create avenues for the growth of downstream chemical industry which would provide much needed impetus to the demand for products and services from the allied services providing sectors. CHEMTECH will organise the South edition of the flagship event from December 10-12, 2015 in Chennai, Tamil Nadu.

Gujarat hosts major chemical manufacturers from public as well as private sectors that account for more than 50 per cent of India's chemicals and 65 per cent of petrochemicals production. In February 2016, CHEMTECH will launch Gujarat edition of flagship event to connect the Indian and international chemical engineering and processing industry with the end user industry in Gujarat. CHEMTECH Gujarat Expo 2016 will span over three days from February 10-12, 2016 in Ahmedabad, Gujarat and bring the entire ecosystem of the chemical processing industry to a common platform.

## Some of the Industry Icons who graced CHEMTECH World Expo 2015



The year 2015 is a milestone year in the journey of CHEMTECH which completes 40 years of serving the chemicals processing and allied services providing industries and Jasubhai Media will complete 50 years of publishing B2B publications. CHEMTECH

World Expo 2015 saw presence of icons from the refining, chemicals and petrochemicals, pharma and biotech as well as the allied services providing sectors of EPC, industry automation and control, process equipment, Water and various associated industries over the 4 days of the event which has marked the beginning of a new chapter in

the journey of CHEMTECH. Icons of the industries from Refineries, Petrochemicals Chemicals & Specialties; Pharmaceuticals & Biotech; EPC; Automation; Water and allied services providing sectors once again gathered to be a part of celebrations when CHEMTECH enters a new phase of growth into the 5<sup>th</sup> decade.



**Mr Nadir Godrej,**  
**Managing Director, Godrej Industries Ltd &**  
**Chairman, CHEMTECH Leadership &**  
**Excellence Awards Committee 2015**

*I would like to start with cheers  
For Chemtech's illustrious Forty years!  
And also talk of my tie  
To our good friend Jasubhai.  
Our relationship is very strong  
And has lasted very long.  
And as I look back and think  
I see my father was the link.  
His life was full of Chemistry  
Which he studied in Germany.  
His praises were often sung  
For fluent command of that tongue.  
And that is why undoubtedly  
He was offered an honorary CG  
Not of his beloved Germany  
But of its colingual Eastern neighbour.  
And in due course the constant labour  
Proved too much for my Dad.  
He gave it up and we were sad.  
But every low must have a high.  
He was succeeded by Jasubhai!  
Since then we have been friends  
And thankfully he always sends  
Invitations to musical soirées  
That remind us of imperial days.  
And I am always full of praise  
For all the vital roles he plays.  
And Jasubhai should fill with pride*

*That Maulik now takes all in stride.  
We must bestow some more praise now  
For our Governor Vidyasagar Rao.  
We are so honoured that he is here  
And so for him let's all cheer.  
Our awardees are all well reputed  
And all of them have contributed.  
Now Chemistry's often a force for good.  
But it is clearly understood  
That Chemistry's biggest win  
Is when applied to medicine.  
And our winner Yusuf Hamied  
Worked tirelessly and did succeed  
In saving many million lives.  
And to this day he still strives  
To bring good affordable care  
In spite of patents that are unfair.  
In the past he successfully tried  
But more and more his hands are tied.  
Now innovators deserve to earn  
But monopolies we should spurn,  
If many lives are at stake.  
Of course it is alright to take  
Some profit to spur innovation  
But in my considered estimation  
If competitors enter the fray*

*They can find a cheaper way.  
May be this right should not be free  
But for a certain license fee.  
We can't be sure how to set  
A balanced fee but I bet  
Even if we somewhat err  
We'd be better than we were.  
And Yusuf Hamied would still succeed  
In giving all the drugs folks need.  
And now I think I will spend  
Some time on another good friend.  
Like Yusuf, Cyrus is benevolent  
Both men, I think, were heaven sent.  
For Cyrus drugs are not the scene.  
He's Emperor of the vaccine.  
His Serum Institute makes more  
Vaccines than others, that's for sure.  
His cost is low. His endless flow  
Saves many lives. His vaccines go  
To all the corners of the earth.  
We are all glad that he gave birth  
To this wondrous institution.  
We thank him for his contribution.  
And I hope he always strives  
To save many million lives.  
And although I am also awed  
By the winners of every other award.  
I will not mention each by name.  
Kudos to them all the same!  
And now that I have sowed the seed  
It is high time that we proceed  
With the actual presentation  
To these heroes of our nation.*



*"I am proud to announce that India has been able to produce more vaccines through serum institute - and may be put together with one or two other Indian vaccine manufacturers who are coming up - than the vaccines produced by all the multinationals worldwide put together."*

**- Dr Cyrus Poonawala  
Chairman, Serum Institute of India**



*"We have gathered for the joint inauguration of CT EPC Spchem at CT 15, we have made a small deviation from the tradition of having separate inauguration of conferences. Reason for this being it is felt that companies / people engaged in these two sectors are complimentary to each other. Further, it is also felt that it would be a good platform to network right from the inauguration of the event."*

**- Mr B Narayan,  
Group President, Procurement & Projects,  
Reliance Industries Ltd & Chairman, EPC World Expo 2015**



*"This is for the first time in the history of various conferences I have attended that we are trying to bring the downstream industries and invited them to share their views, changed the format of conference to panel discussions because to have interactive sessions with the dignitaries from the industry who are attending the conference to have their views, we have also brought the EPC concept to the seminar and the finale – we intend to write the white paper based on views- and put it up as the working paper to go after specialty chemical markets in the country. In my view this is going to be one of the most holistic conference to have been put together."*

**- Mr Vipul Shah,  
COO – Petrochemicals, Reliance Industries Ltd & Chairman, Specialty  
Chemicals World Expo 2015**



*"Brand India is on the path of becoming greatest story ever told. India, today, is well established as the credible business partner, preferred investment destination, rapidly growing market and provider of quality services and manufactured products; and now stands at the threshold of unprecedented growth."*

**- Mr A K Purwaha  
Chairman & Managing Director, Engineers India Ltd**



*"Thank you Maulik Jasubhai for providing leadership in bringing the diverse ecosystem of chemistry, so that we can really articulate about the challenges that we have."*

**- Dr Raman Ramachandran  
Head South Asia, Chairman & Managing Director,  
BASF India Ltd**



*"It is a unique privilege to receive this prestigious Chemtech Hall of Fame award. This is a testament to the ideals I have fought for and fiercely defended in spite of innumerable odds and always keeping in mind as to what is best in the interest of our country. I would like to dedicate this award to all young chemists in India, my family and to the Cipla team, both past and present that have stood by the company since its inception in 1935. For the 55 years I have been actively involved with chemistry and pharma industry and can truthfully say that chemistry is in my blood. I live it 24 hours each day."*

*Today's celebration has its origin in two major developments that took place over 40 years ago. firstly, the inception of Chemtech in 1975 by the one and only, legendary Jasubhai Shah, who is here with us today and to whom Chemtech, will be forever indebted."*

**- Dr Yusuf K Hamied  
Cipla**



## Plan Your Visit

# Oil & GAS

World Expo 2016  
Exploration | Production | Transportation | Refining | Gastech



Shipbuilding Machinery | Ports & Rail Transportation  
and Logistics Technology



Power Generation, Transmission & Distribution Technologies  
Thermal | Renewable | Nuclear

**March 3-5, 2016**  
Bombay Exhibition Centre  
Goregaon (East), Mumbai, INDIA



*“As far as downstream petrochemical investments are concerned in India, we are fortunate that the J3 project of RIL is going on in full swing and many vendors had the opportunity to supply the equipment. And the good news is planning of J4 expansion by RIL, which is based on propylene glycol based chemicals. Deepak Nitrite is going ahead with the phenol - cumene plant. HPCL is planning a joint venture with GAIL and GMR petrochemical complex in Vizag. IOCL plans to go ahead with the phase –II of Paradeep complex after the refinery goes on-stream.”*

**- Mr P D Samudra**

**Managing Director & Member of the Board, ThyssenKrupp Industrial Solutions (India) Private Limited & Deputy CEO, ThyssenKrupp Industrial Solutions Regional Cluster India**



*“The managements of refining industries are looking at maximising the EBITDAs and improving refinery GRMs through integration with the downstream petrochemical value chains. While the middle management is interested in throughputs, the teams at operations level are interested in temperature, pressure, catalyst flow and other parameters. Today, the whole challenge is interpret the real time data for improving the top and bottom line margins.”*

**- Mr R K Ghosh,**

**Former Director (Refineries), IOCL and President, Reliance Industries Ltd & Chairman Refining & Petrochemicals and**



*“When it comes to leadership, one feels that he can be a leader only if he is a non-technical person or a politician. You can decide your path and you alone can decide if you are a true leader because you know exactly what you want to achieve in your life and in your career.”*

**- Mr Sanjay Joshi,**

**Managing Director Aker Solutions & Chairman Student Outreach Program 2015**



*“Simply delighted and overwhelmed to witness the enthusiasm of the students to get connected with industry in such large numbers through innovative posters and projects which displayed their acumen and creativity. We served well to the theme of Jasubhai - Inspiring Intelligence and Igniting Innovations. We definitely implanted seeds of leadership and fervour amongst the students for the service to nation.”*

**- Mr Yatinder Pal Singh Suri**

**Country Head, Outokumpu & Co-Chairman Student Outreach Program 2015**



*“Currently, we have a situation where healthcare has become of primary importance from a moral and ethical point of view. On one hand, you have so many infants whose life has been cut short in countries like India; on the other hand you have an epidemic in the older population. So, healthcare spans on these two spectrums. From communicable diseases to non-communicable diseases. Healthcare really has to involve prevention, treatment, diagnostics and many other factors need to be taken in account.”*

**-Dr Harish Iyer**

**MD & CEO, Shantha Biotech Ltd & Chairman BioPharma World Expo 2015**



**Mr Sanjiv Singh**

**Director Refineries, IOCL & Technical Chairman Refining & Petrochemicals and IAC World Expo 2015**

*Mr Sanjiv Singh is the Director Refineries – IOCL with over three decades of rich & varied experience to his credit in the Hydrocarbon downstream Industry. Mr Singh was the Technical Chairman for two of the key conferences on Refining & Petrochemicals and Industry Automation & Control 2015.*

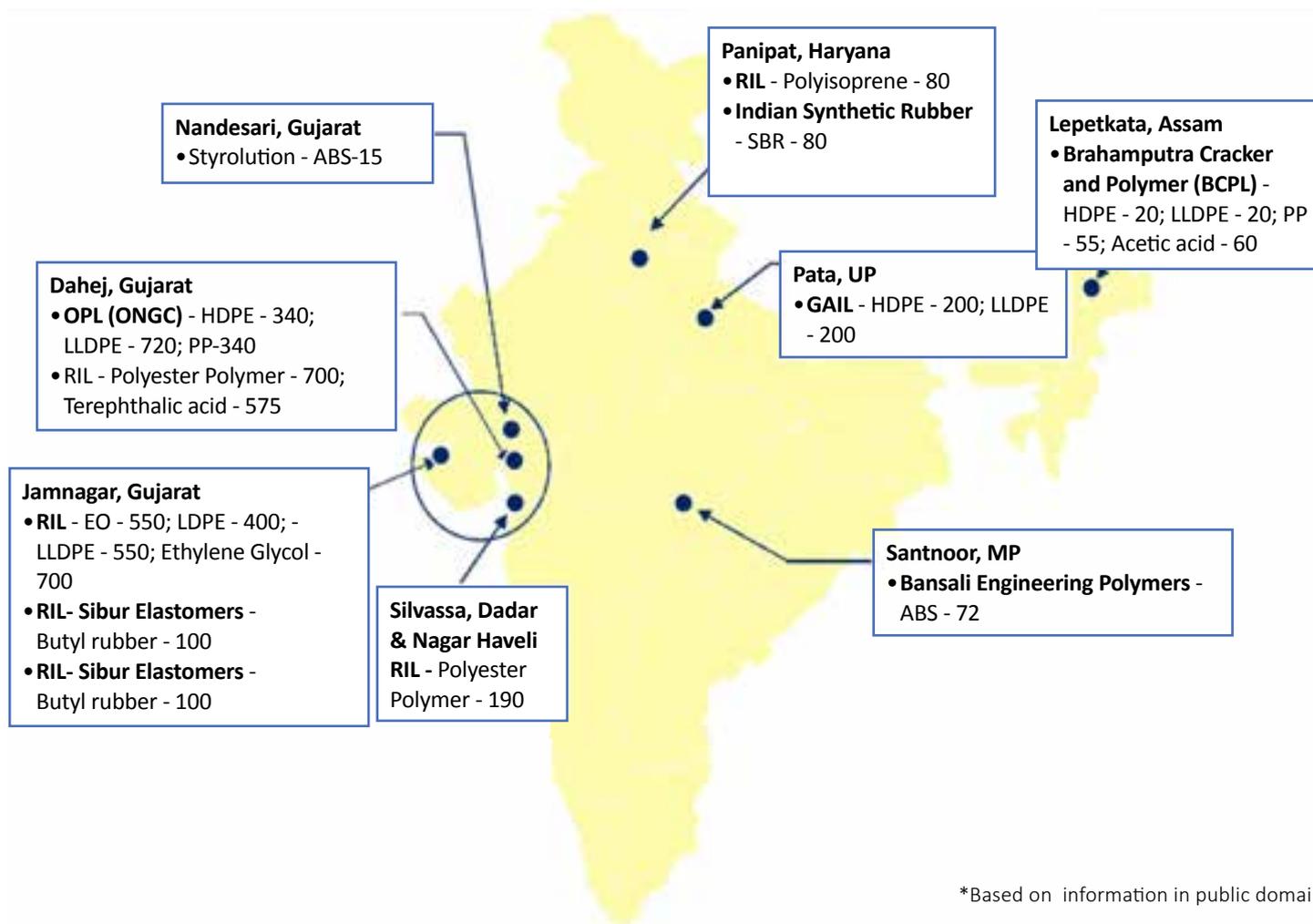
## Welcome to the Indian Market

- 🏭 Chemical industry : 5th largest globally
- 🏭 USD 118 bn to USD 190 bn by 2017
- 🏭 Specialty chemicals : USD 70-90 billion by 2021
- 🏭 INR 40,000 crore investments fertilizers till 2019
- 🏭 4th largest Refiner : 214 MTPA - 2015 to 307 MTPA -2017
- 🏭 ~7000 KT capacity petrochemical projects underway

- 🏭 Plastic parks promotion by GOI –D/S plastics processing
- 🏭 Water ~USD 13 bn over next 5 years - Growth +10 % p.a
- 🏭 One of the top 5 BOOT markets for Desalination ; 1 million jobs
- 🏭 ~USD 2 bn – Process Automation
- 🏭 EPC Market to grow at CAGR 20.26 % during 2014-19\*

\*(TechNavio’s analyst forecast)

## Petrochemical Projects Underway



\*Based on information in public domain

## Chemtech Eco-System



## New Initiatives

- 📌 International Partnership Program - Building Cross Border Partnerships
- 📌 SME Matchmaking Services - in partnership with DECHEMA - Creating Synergistic Partnerships
- 📌 Student Outreach Program - Develop Future Leaders
- 📌 Refining & Petrochemicals, Specialty Chemicals, Pumps Valves & Fittings, BioPharma
- 📌 CHEMTECH South Expo in year 2013
- 📌 CHEMTECH Gujarat Expo: 1st edition- 2016

## Leaders for Forthcoming Events



**Mr Sudhir Vasudeva**  
Former CMD, ONGC Ltd  
Brand Ambassador ,  
Oil & Gas World Expo 2016



**Dr. Partha Mitra**  
GM (Geoscience), Cairn India Ltd &  
Vice Chairman-Technical Committee,  
Oil & Gas World Expo 2016



**Mr S C Mehta**  
Director Refineries,  
HPCL Chairman,  
Refining & Petrochemicals World Expo 2016



**Dr Anil Kakodkar**  
INAE Satish Dhawan Chair of  
Engineering Eminence, BARC  
Head Nuclear Committee -  
EnerTECH World Expo 2016



## Forging Indo German Partnerships...Since 1975

"Indian Chemical Industry and Technology Your Valuable Partner"	"India in 1990's Opportunities for European Industry"	"India Globalising Opportunities for European Industry"	"Indian Process Industries Opportunities for Greater Cooperation"	"Indian Process Industries Opportunities for Greater Cooperation"	Make in India: Forging Greater Partnership
<b>1979</b>	<b>1991</b>	<b>1997</b>	<b>2003</b>	<b>2009</b>	<b>2015</b>

### ACHEMA INDIA DAY SEMINARS

"Indian Chemical Industry Seeks European Partner for Technology Transfer, Joint Ventures and Co-operation"	"India Now on Fast Track Opportunities for Venture and Co-operation"	"Process Equipment, Biotechnology and Environment Management"	"Indian Process Industries - Opportunities for Greater Cooperation"	"Indian Process Industries - Opportunities for Greater Cooperation"
<b>1988</b>	<b>1994</b>	<b>2000</b>	<b>2006</b>	<b>2012</b>

## Jasubhai Media Pvt. Ltd.

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