



International Conference on  
**Sustainable Chemistry &  
Engineering**

Organiser



Institute of  
Chemical Technology

Event Partner

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Catalyzing RESEARCH and  
TECHNOLOGY INNOVATION for a  
SUSTAINABLE FUTURE

A Prelude  
to APCAT-7



October 8 - 9, 2015 | Hotel Lalit, Mumbai

[www.suscheme.in](http://www.suscheme.in)

# SusChemE

(Sustainable Chemistry & Engineering)

Urbanisation and Industrialization of emerging economies has created soaring demand and tremendous competition for Key natural resources such as raw materials, metals, energy, biodiversity & water and drastically impacted the environment. This is not sustainable in the long term.

*Transformation is needed !*

There is increasing pressure from both Society and Governments on industries for reducing depletion of finite natural resources with viable alternatives, development of eco-friendly products and processes, reducing and recycling waste and preventing toxic impact on the environment.

SusChemE will be the Forum where R&D and Industry will deliberate on chemistry driven and engineering technological advances to provide critical solutions for humanity and ensure sustainable development of modern societies.

SusChemE, the International Conference on Sustainable Chemistry & Engineering will be organised for the first time in India by Institute of Chemical Technology (ICT) and partnered by MM Activ Sci-Tech Communications Pvt. Ltd.

SusChemE features 2 days of program including keynotes by world renowned speakers and technical experts addressing more than 12 Technical/Scientific sessions.

**SusChemE will be held on October 8 - 9, 2015 in Mumbai, India at Hotel Lalit.**

**Be a Part of it !**

## Chief Patron



**Dr. R.A. Mashelkar, FRS**  
Chancellor, ICT,  
National Research Professor  
National Chemical Laboratory  
President, Global Research Alliance

## Chairman



**Prof. G.D. Yadav, FNA, FTWAS**  
Vice-Chancellor, ICT  
R.T. Modi Distinguished Professor;  
J.C. Bose National Fellow (DST G01)  
Institute of Chemical Technology, Mumbai

## International Advisory Committee

**Prof. M. Arai**, Hokkaido University, Sapporo, Japan

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**Prof. E. Monflier**, Université d'Artois, Lens, France

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**Prof. B. Subramaniam**, University of Kansas, Lawrence, USA

## Technical Committee

**Prof. Dr. Bhanage Balachandra M.**

Professor, Dept. of Chemistry, Head of the Dept., Institute of Chemical Technology, Mumbai

**Dr. V.K. Rathod**, Dept. of Chemical Engineering, Institute of Chemical Technology, Mumbai

**Mr. Jagdish Patankar**, MD, MM Activ Sci-Tech Communications, Publisher, BioSpectrum (Asia & India) & NuFFooDS Spectrum



## International Conference

SusChemE aims to provide a high-profile & internationally renowned forum for research in the area of Green Chemistry, Sustainable Engineering, Clean Technologies & Catalysis, with the theme of "Catalyzing RESEARCH and TECHNOLOGY INNOVATION for a SUSTAINABLE FUTURE".

**Delegate Profile:** Researchers from Institutes, R&D Centers, Organizations working in the area of Sustainable Engineering; Clean Technologies and Catalysis.

### Submission of Abstracts for Oral Presentations & Poster Sessions

SUSCHEME welcomes abstracts for Oral Presentations & Posters relevant to the Focus Areas of the International Conference via the event website [www.suscheme.in](http://www.suscheme.in). All abstracts must be submitted online.

**Deadline for Abstracts Submission:** 15th July, 2015

**Notification of Acceptance:** 1st August, 2015

*All papers will be published in the Conference Proceedings and selected papers will be published in highly reputed International Journals.*

### Focus Areas

- Nano Technology
- Clean Energy
- Sustainable Engineering
- Catalytic reactions in which wastes are converted to useful products
- Clean manufacturing replacing toxic chemicals with environmentally friendly catalysts
- New catalytic routes and processes
- Fuel cells
- Catalysis- Prospects and Perspectives for Peace and Prosperity
- Atom economical catalysis
- New catalytic routes
- Homogenous catalysis
- Production of fine chemicals and chiral products
- Catalytic studies at atomic, molecular, and nano-scales
- Catalyst preparation and characterization
- Catalytic reaction engineering and scale up
- Micro- and meso-porous catalysts
- Biocatalysis
- Catalysis for Energy
- Catalysis for Water
- Catalysis in biomass conversion
- Hydrogen generation and storage
- Catalysis in air pollution control
- Industrial catalysis
- Fermentation processes
- Chemo-enzymatic catalysis
- Catalytic antibodies
- Enzyme immobilization and stabilization, particularly in non-conventional media
- Bioprocess engineering aspects, e.g. membrane bioreactors
- Computational catalysis
- Catalysis by zeolites
- Bio refinery
- Spectroscopic methods for structural characterization
- New catalytic combustion technologies and catalysts

### CEO Conclave

The CEO Conclave is a major and not-to-miss attraction of the event. It will be a power-packed evening with Industry Captains who will come together on a single platform to throw light on the challenges ahead, uncover potential opportunities & discuss the means to achieve exponential growth. CEO Conclave will bring the industry experts opinions, suggestions & advise to be presented in the case of suitable action in the Sustainable Chemistry & Engineering sector.

### Conference Delegate Tariff\*

Category	INR	US \$
Standard Delegate	10,000	250
Accompanying Person	5,000	150
Student Delegate	5,000	-

\*Service tax extra as applicable

Please note:

- All rates are applicable per person
- 10% discount for 3 or more delegates from the same Organization/ Institute

\* Accompanying persons are not entitled to attend the Technical Conference.

\* Student delegates are not entitled to attend the CEO Conclave Networking Dinner.

Entitlements per Delegate

- Access to all sessions
- Invitation to the CEO Conclave

## Sponsor Showcase

Sponsors will be allotted a showcase area in the conference venue. This is unique opportunity for enterprises to come together in one location to market their services to new and existing commercial customers. Don't miss the chance to meet and expose your business to new suppliers, companies, generate sales and increase awareness of the products and service that you offer.

## Sponsorship Opportunities

SusChemE offers a wide spectrum of Sponsorship Opportunities suitable for SMEs as well as large corporations from Chemical and its allied industries. Sponsors will gain an incredible amount of visibility and networking opportunities to meet their Business, Corporate and Human Resource objectives.

For more details contact  
Mr. Denzil D'Souza at [denzil.suscheme@gmail.com](mailto:denzil.suscheme@gmail.com)  
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## Organizer

### Institute of Chemical Technology

The Institute of Chemical Technology, headed by Padmabhushan Dr R. A. Mashelkar as Chancellor and Prof. G. D. Yadav as Vice Chancellor, has been devoted to education, training, research and industrial collaboration in chemical engineering, chemical technology, applied chemistry, pharmacy, biotechnology and bio-processing. The Directorate of Technical Education, Government of Maharashtra, has awarded 'Elite' status to the Institute. Ever since its inception, the Institute has been a fertile breeding ground for some of India's most gifted minds, including Padmabhushan Professor M.M. Sharma, Mr. Mukesh Ambani, Dr. K. Anji Reddy, Mr. Narotam Sekhsaria, Dr. A. V. Rama Rao, Mr. Kishore Mariwala, Mr. Yogesh Kothari. ICT is ranked 4th in the world for research work by Georgia Tech. in Chemical Engineering. In 2010 Biospectrum magazine rated ICT's Biotechnology programme as #1. Also, ICT appears peerless in both chemical and pharmaceutical fields in a recent survey conducted by IIM, Bangalore. For more details, please log on to: <http://www.ictmumbai.edu.in/>

## Event Partner

### MM Activ Sci- Tech Communications Pvt. Ltd.

#### Integrated B2B Knowledge Media House

MM Activ Sci-Tech Communications is committed to creating brands that enable knowledge sharing and business collaboration across various areas in Science & Technology and Business. It was born as an idea at the turn of the new millennium when the Indian Science Congress was hosted in Pune in January 2000 under the visionary Presidency of Dr. R.A. Mashelkar. It was conceived as an integrated media organization in the field of Science & Technology, with a global perspective. MM Activ, since then, has been engaged in the field of Frontier Science and Technology through its key business verticals of Media, Events and Partnering and Advisory.

It has created Knowledge and Business Platforms in sectors like Agrotech & Commodities, Coffee Export & Equipment's, Biotechnology, Nutraceuticals, IT & Electronics, Nanotechnology, Renewable Energy, MRO, Space Technology and R&D and Higher Education. For more info, please log on to: [www.mmactiv.in/](http://www.mmactiv.in/)

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#### Technical/Scientific Committee for Oral Presentations and Posters:

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#### Travel & Accommodation:

##### Travel Partner: SITA

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#### Delegate Registrations & Payments:

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