

# IMPORTANT DATES

Last date for submission of abstract : 15<sup>th</sup> May, 2012  
 Last date for intimation of acceptance : 10<sup>th</sup> June, 2012  
 Last date for submission of full paper : 10<sup>th</sup> July, 2012

# REGISTRATION DETAILS

Student (IICHe members) : ₹ 500/-  
 Student (Non-IICHe members) : ₹ 600/-  
 Other Delegates (IICHe Members) : ₹ 700/-  
 Other Delegates (Non-IICHe Members) : ₹ 1000/-  
 Spouse of all Categories : ₹ 500/-  
 Foreign Delegates : \$ 150

Bank account details: The Demand Draft/Cheque should be drawn on SBI, SBBJ, ICICI, Yes Bank, UCO Bank or Bank of India in favour of *BITS Pilani* payable at Pilani.

# TRAVEL & ACCOMODATION

One way II class sleeper fare and/or bus fare by the shortest route would be reimbursed to the IICHe Student Delegates. Subsidized shared accomodation would be provided for the students registering on or before 31<sup>st</sup> August 2012.

# ORGANIZING COMMITTEE

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**Patrons** : Prof. G. Raghurama, Director, BITS Pilani – Pilani Campus  
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 : Mr. Nikhil Prakash, Dept. of Chemical Engg, BITS Pilani  
 : Ms. Priya C Sande, Dept. of Chemical Engg, BITS Pilani

**Student Members**  
**Chairperson** : Jasneet Singh  
**Secretary** : Apoorv Tandon

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 Dr. Kailas Wasewar, Head, Dept. of Chemical Engg., LMNIT Nagpur

# CONTACTS

SCHEMCON 2012  
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# First Announcement

8<sup>th</sup> Annual Session of  
 Students' Chemical Engineering Congress

# SCHEMCON 2012

September 21-22, 2012



Energy Efficient Technologies  
 for Green Environment



IICHe Students' Chapter  
 DEPARTMENT OF CHEMICAL ENGINEERING  
 BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE (BITS), PILANI

INDIAN INSTITUTE OF CHEMICAL ENGINEERS

## ABOUT SCHEMCON 2012



SCHEMCON stands for Students' CHEMCON. It is an annual event organized by the students' chapter of Indian Institute of Chemical Engineers. A Students' CHEMCON (SCHEMCON) acts as a source of encouragement and self-confidence for young minds, which are considered as the most fertile ground for generation of original and creative ideas. The first ever Students' CHEMCON was organized during 7 to 9 December 2005 at IIT Guwahati jointly by the Student Chapters at IIT Guwahati and Assam Engg College, both newly formed. The response received from the students of chemical engineering in general to participate in this programme had been phenomenal. The success of SCHEMCON 2005 has encouraged IICChE to continue with the programmes of SCHEMCON. SCHEMCON'12 is the eighth edition of this mega-event. It is being organized by the BITS Pilani students' chapter of Indian Institute of Chemical Engineers. The event will be held at the Department of Chemical Engineering, Birla Institute of Technology & Science, Pilani (Rajasthan). There will be active participation from the students of UG, PG and research backgrounds of chemical engineering.

## ABOUT THEME

The reckless consumption of resources and the obliviousness towards environment have scarred the planet and also pose a great threat to its future. As chemical engineers, we are not just imparted with the skills but also it's our duty to work for a green environment by developing sustainable energy efficient technologies. In many countries energy efficiency is also seen to have a national security benefit because it can be used to reduce the level of energy imports from foreign countries and may slow down the rate at which domestic energy resources are depleted. Energy efficiency and renewable energy are said to be the twin pillars of sustainable energy policy. This SCHEMCON, we encourage students and industries to take up this responsibility as a challenge to bail out our great planet from a bleak looking tomorrow.

## ABOUT THE INSTITUTE & THE DEPARTMENT



The Birla Institute of Technology & Science (BITS), Pilani is an all-India Institute for higher education. What started in early 1900s as a small school, blossomed into a set of colleges for higher education, ranging from the Humanities to Engineering until 1964 when all these colleges amalgamated to culminate into a unique Indian University of international standing. The institute which was established under the patronage of Late Shri G.D. Birla flourished because of its collaboration with MIT Boston and Ford Foundation, USA. Today it is one of the top 10 engineering institutes in India and the best private university in the country. BITS Pilani has also established its branch campuses in Dubai, Goa and Hyderabad and it also has an extension center in Bangalore.

The Department of Chemical Engineering at BITS -PILANI is one of the premier departments in the country that provides a unique educational and research environment having a major emphasis on interdisciplinary and industrial collaborations. The department's primary missions are to educate undergraduate and graduate students, and to discover and disseminate knowledge through research.

The Department is committed to achieving excellence in these activities, and evaluates the success and leadership of its programs using the highest standards of quality, innovation, and visibility, while at the same time providing a friendly and supportive atmosphere. The Department's goal is to provide to students strong fundamentals complemented by professional skills including communication. The other important goal is to produce students and faculty who will become leaders in their areas.

## ABOUT LOCATION



Pilani is in the Jhunjhunu district of Rajasthan, India. It is reputed for its educational institutes and centers. The town houses Birla Institute of Technology and Science (BITS), Central Electronics Engineering Research Institute (CEERI) and Birla Public School. It is well connected by road to Delhi and Jaipur. The distance is approximately 220 kms from both Delhi and Jaipur and nearest railway stations from Pilani are Loharu (25 kms) and Chirawa (16 kms)

## ABOUT IICChE

Indian Institute of Chemical Engineers (IICChE) is a confluence of streams of professionals from academia, research institute and industry. It provides them the appropriate forum for joint endeavors, hand-in-hand, to work for human being through application of chemical engineering and allied sciences. If you are interested in, attached to or involved in chemical engineering related activities – whether as a student or as a seasoned professional - you shall find the programme of IICChE immensely beneficial, opening up doors of new and exciting possibilities

## EVENTS

Paper Presentation  
Poster Presentation  
M P Chary Memorial Award  
Technical Events  
Cultural Program



## M P CHARY MEMORIAL AWARD

An outstanding young chemical engineer below 35 years of age is required to give a presentation on any advance topic of interest /case study/industrial achievement/experience. The award carries MP Chary Medal and a prize money of ₹10,000/- .The participants are required to submit a synopsis , 4-5 pages (Times New Roman, Size 12, Line Spacing 1.5) ,on or before 31<sup>st</sup> July 2012.

## THRUST AREAS

Bioprocess Engineering & Biotechnology  
Energy Engineering  
Environmental Engineering  
Modeling, Simulation & Optimization  
Petroleum Engineering  
Polymer Engineering  
Process Control & Instrumentation  
Process Intensification  
Reaction Engineering  
Safety & Hazardous Management  
Separation Techniques  
Transport Phenomena  
Unit Operations



## SPONSORSHIP

The technical extravaganza SCHEMCON'12 is a national symposium that will bring together thousands of Chemical Engineering students across the country. In an era of cut-throat competition and progress, this conference is an ideal platform for the brilliant minds across the nation to exchange their ideas and share the innovations. The organizing committee requests for support in the form of sponsorship for this mega event. The conference is an ideal platform for any company or organization to look out for some of the best brains of the nation. Exhaustive media coverage and publicity is ensured to all sponsors of this event. The proceedings will be brought out as a CD and souvenir apart from the regular publicity.

## SPONSORSHIP DETAILS

Platinum Sponsor	: ₹ 3,50,000
Gold Sponsor	: ₹ 2,50,000
Silver Sponsor	: ₹ 1,50,000
<i>Conference Events</i>	
Lunch	: ₹ 1,00,000
Dinner	: ₹ 1,00,000
Inaugural High Tea	: ₹ 50,000
High Tea	: ₹ 30,000
Tea (per session)	: ₹ 5000
Keynote and Plenary	: ₹ 25,000
Advertisement on Proceedings CD label	: ₹ 30,000
<i>Souvenir Details</i>	
Back Cover	: ₹ 25,000
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Full Page (b/w)	: ₹ 10,000
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