#### 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 31st August 2012.

# ORGANIZING COMMITTEE

Chief Patron : Prof. B.N. Jain. Vice-Chancellor, BITS Pilani

Patrons : Prof. G. Raghurama, Director, BITS Pilani - Pilani Campus

: Prof. R.N. Saha, Deputy Director, BITS Pilani

: Prof. G. Sundar, Deputy Director, BITS Pilani

Chairperson : Dr. A.K. Sharma, Head, Dept. of Chemical Engg, BITS Pilani

Organizing Secretary Dr. H.K. Mohanta, Dept. of Chemical Engg. BITS Pilani

Joint Organizing Secretaries

: Dr. Suresh Gupta, Dept. of Chemical Engg, BITS Pilani Dr. Pratik N Sheth, Dept. of Chemical Engg, BITS Pilani

Treasurers : Dr. Ashish M

: Dr. Ashish M Gujarathi, Dept. of Chemical Engg, BITS Pilani Dr. Sushil Kumar, Dept. of Chemical Engg, BITS Pilani

Members

: Prof. Rajeev Gupta, Dean, ESD, BITS Pilani Prof. Arya Kumar, Dean, SWD, BITS Pilani Prof. N.V.M. Rao, Dean, EHD, BITS Pilani Prof. A.P. Singh, Dean(Officiating), ID, BITS Pilani

Prof. Surekha Bhanot, Unit Chief, Instrumentation, BITS Pilani Prof. K.S. Sangwan, Unit Chief, Workshop, BITS Pilani

Dr. M.I. Bhatt, Unit Chief, PMRU, BITS Pilani

Dr. Pradipta Chattopadhyay, Dept. of Chemical Engg. BITS Pilani

Dr. S.K. Choudhary, Chief Warden, BITS Pilani

Dr. Smita Raghuvanshi, Dept. of Chemical Engg, BITS Pilani Md. Basheer Ahmed, Dept. of Chemical Engg, BITS Pilani Mr. Dipaloy Datta, Dept. of Chemical Engg, BITS Pilani Mr. Amit Jain, Dept. of Chemical Engg, BITS Pilani Mr. Utkarsh Maheshwari, Dept. of Chemical Engg, BITS Pilani Mr. Subhajit Majumder, Dept. of Chemical Engg, BITS Pilani Mr. Ajaya Kumar Pani, Dept. of Chemical Engg, BITS Pilani Mr. Nikhil Prakash, Dept. of Chemical Engg, BITS Pilani

Ms. Priva C Sande, Dept. of Chemical Engg. BITS Pilani

Student Members

Chairperson Secretary Jasneet Singh Apoory Tandon

#### NATIONAL ADVISORY COMMITTEE

President, IIChE

Immediate Past President, IIChE

Vice Presidents, IIChE

Honorary Secretary, IIChE Honorary Joint Secretary, IIChE

Honorary Treasurer, IIChE

Honorary Editor, IIChE

Honorary Controller of Examination, IIChE

Honorary Registrar, IIChE

Prof. B.V. Babu, Director, IET, JKLU Jaipur

Prof. A.K. Ghoshal, Dept. of Chemical Engg., IIT Guwahati

Prof. B.B. Gulyani, Head, Dept. of Chemical Engg., BITS Pilani, Dubai Campus

Prof. P.A. Joshi, DDIT Nadiad

Prof. K. Krishnaiah, Dept. of Chemical Engg., IIT Madras

Prof. Srinivas Krishnaswamy, Head, Dept. of Chemical Engg., BITS Pilani, Goa Campus

Prof. D. Kunzru, Dept. of Chemical Engg., IIT Kanpur

Prof. T.N.S. Mathur, Head, Dept. of Chemical Engg., MIT Moradabad

Prof. Jayant Modak, Dept. of Chemical Engg. , IISc Bangalore

Prof. Basudeb Munshi, Dept. of Chemical Engg. , NIT Rourkela

Prof. K.K. Pant, Dept. of Chemical Engg. , IIT Delhi

Prof. S.A. Puramik, Director, AIET Rajkot

Prof. Shishir Sinha, Dept. of Chemical Engg., IIT Roorkee

Prof. A. Srivastava, Head, Dept. of Chemical Engg. , BITS Pilani, Hyderabad Campus

Prof. R.P. Vaid, Head, Dept. of Chemical Engg., Banasthali University

Prof K. L. Wasewar, Dept. of Chemical Engg. , VNIT Nagpur

Prof. G.D. Yadav, Director, ICT Mumbai

Dr. Ashish S. Chaurasiya, Dept. of Chemical Engg., JUET, Guna

Dr. Sameer Jadhav, Dept. of Chemical Engg. , IIT Mumbai

Dr. S.D. Manjare, Dept. of Chemical Engg., BITS Pilani, Goa Campus

Dr. M.O. Garg, Director, IIP, Dehradun

Dr. S.U. Kulkarni, Sr. Director, R&D & CTO, DOW India

Dr. Bijai Kumar, Deputy Director, CPET, Lucknow

Dr. R.A. Mashelkar, Former Director General, CSIR Dr. Chandra Shekhar, Director, CEERI Pilani

7. Chandra Shekhar, Director, CEERI Phani

Mr. Parivesh Chugh, Chief Manager, R&D, GAIL India Limited

Mr. Hari Doss, Director, CAEZEN Technologies

#### CONTACTS

SCHEMCON 2012

IIChE, BITS Pilani Students' Chapter, Department of Chemical Engineering,

BITS Pilani

Pilani - 333 O31 (Rajasthan)

E-mail: schemcon.bits@gmail.com

Dr. Hare Krishna Mohanta

Organizing Secretary, SCHEMCOM 2012

Asst. Professor, Department of Chemical Engineering, BITS Pilani Telephone: +91-1596-515423(O) , +91-9829434948(M)

Fax: 01596-244183

Jasneet Singh

Chairperson, IIChE Students' Chapter, BITS Pilani

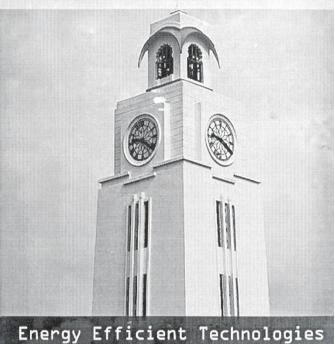
Mobile: +91-9001249939

# First Announcement

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

# SCHEMCON 2012

September 21-22, 2012



for Green Environment



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



INDIAN INSTITUTE OF CHEMICAL ENGINEERS

# **ABOUT SCHEMCON 2012**

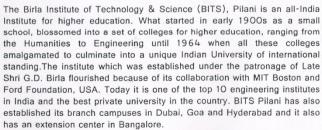


SCHEMCON stands for Students' CHEMCON. It is an annual event organized by the students' chapter of Indian Institute of Chemical Engineers. A Students' CHEMCON (SCHEMCON) acts as a source of encouragement and self-confidence for young minds, which are considered as the most fertile ground for generation of original and creative ideas. The first ever Students' CHEMCON was organised 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 IIChE 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 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 conected 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 IIChE

Indian Institute of Chemical Engineers (IIChE) 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 IIChE 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 31st 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
Conference Events			
unch	:	₹	1,00,000
Dinner	:	₹	1,00,000
naugural High Tea	:	₹	50,000
High Tea	:	₹	30,000
Tea (per session)	:	₹	5000
Keynote and Plenary	:	₹	25,000
Advertisement on Proceedings CD label	:	₹	30,000
Souvenir Details			
Back Cover	:	₹	25,000
nside Front Cover	:	₹	20,000
nside Back Cover	:	₹	20,000
Special Full Page (colour)	:	₹	15,000
Full Page (b/w)	:	₹	10,000
Half page (b/w)	:	₹	5,000
Quarter Page (b/w)	:	₹	2,500