

7th Annual Session
Students' Chemical Engineering Congress 2011

SCHEMCON 2011
Second Announcement

**Emergence of Green Technologies
towards Sustainable Growth**

23-24 September, 2011

Organized by:



*Students' Chapter
Department of Chemical Engineering
Heritage Institute of Technology
of*



*Calcutta Regional Centre
Indian Institute of Chemical Engineers*

Venue:
Heritage Institute of Technology
Chowbaga Road, Anandapur
P.O. East Kolkata Township

About SCHEMCON 2011

SCHEMCON is an annual conference organized by a Students' Chapter of Indian Institute of Chemical Engineers under one of its Regional Centres. SCHEMCON provides a platform for the Chemical Engineering Students to interact, learn, share their ideas and knowledge to the diversified fields of Chemical Engineering.

SCHEMCON 2011, the Seventh Annual Session of the Students' Chemical Engineering Congress would be held at the Department of Chemical Engineering, Heritage Institute of Technology, Kolkata during 23-24 September 2011. There will be active participation of Undergraduate, Postgraduate Students and Research Scholars of Chemical Engineering and allied disciplines. The IChE Students' Chapter of HITK has the privilege of organizing SCHEMCON 2011.

About the Theme

Sustainable Green Technology represents any kind of technology to conserve the nature. It encompasses the utilization of the renewable sources of energy like solar, wind, hydro, bio and geothermal energy without depleting nature's nonrenewable sources like fossil fuels. The Chemical Engineers play major role to achieve sustainable growth through green technologies using less energy, fewer limited resources, zero discharge, clean and bio-degradable product formation, limit undesirable consumption, proper recycle and reuse. The main objective of this conference will pertain to analyzing the concepts, approaches, methodology and evaluation of the processes adopted for green technology and sustainable growth measures. Emphasis would be placed in the optimal utilization of science, engineering and technology in devising newer and more effective green technologies for sustainable growth and development.

About the Institute

Heritage Institute of Technology, Kolkata (HITK), affiliated to the West Bengal University of Technology and duly approved and accredited by AICTE, is a premier engineering college of Kolkata. The institute was founded in 2001 by the Kalyan Bharti Trust with a vision to prepare dynamic and caring citizens to meet the challenges of a global society while retaining their traditional values. The campus of the institute is located near Eastern Metropolitan Bypass and Basanti Highway. The institute is proud of being the host of prestigious CHEMCON 2007.

About the Department

The Chemical Engineering Department was established in the Heritage Institute of Technology in July 2002. The post graduate programme was introduced from 2009. Since inception, the department has a long standing record of producing top graduate chemical engineers. The outgoing students had a creditable record through their performance in GATE/ CAT and GRE. About 15% of the total passed out students are studying/ have studied in USA, UK, IIS and IITs. The department is manned by highly motivated and enthusiastic members of faculty, quite a few of whom are having a long teaching experience in India and abroad.

About Kolkata

Situated on the banks of the river Hooghly (Ganga) about fifty kilometres upstream of the Bay of Bengal and considered as the gateway of the North- East India, Kolkata city, once the Capital of India, has been fondly described as the cultural center of India with a rich tradition of literature, poetry, drama, music and fine arts. In recent years Kolkata and the surrounding areas have embarked upon large scale infrastructure development with metros, highways, expressways and flyovers. Weather is pleasant in September with temperature of 28°C during the day and 20°C at night. The conference venue is about 8 km from the heart of the city, 9 km from Sealdah Station, 15 km from Howrah Station and 25 km from Kolkata (NSC Bose) airport.

Events

- ✓ Oral/ Poster Paper Presentation
- ✓ Keynote and Plenary Lectures
- ✓ Quiz Contest
- ✓ Essay Competition
- ✓ Cultural Programme

MP Chary Memorial Medal award: An outstanding young Chemical Engineer below 35 years of age is required to give a presentation on any advanced topic of interest/case study/ Industrial achievements / Experiences. The award carries M P Chary Medal and prize money of Rs. 10,000/-. The participants are to

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Thrust Areas

- Bioprocess Engineering and Biotechnology
- CDM & Other Management Initiatives
- Chemical Reaction Engineering
- Computer Aided Process Design
- Computational Fluid Dynamics
- Clean and Green Technology
- Energy Engineering
- Environmental Engineering
- Heat Transfer
- Industrial Applications and Case Studies
- Modeling, Simulation and Optimization
- Particle Technology
- Nanotechnology
- Petroleum Engineering and Petrochemical Technology
- Polymer Engineering
- Process Control and Instrumentation
- Safety and Hazardous Waste Management
- Separation Technology

Call For Papers:

Extended Abstract (Max. 500 words) along with a scanned copy of letter from HOD/Faculty Advisor certifying the originality of work is to be sent by email/post.

Last Date for:

Receiving Extended Abstract: 15 July 2011
Intimation of Acceptance: 21 July 2011
Submission of Full Paper: 7 August 2011

Exhibition:

An Exhibition for industries/institutes would be organized. Space of 3mx3m in halls are available for the purpose. Cost incurred would be Rs 25,000/-. The interested parties may contact the Organizing Secretary. Multiple Units may be booked.

Registration fee:

Rs 400/- for IChE Students Members
Rs 500/- for Students not having IChE Membership
Rs 700/- for IChE Members
Rs 500/- for IChE Members senior citizen
Rs 500/- for spouse for all category
Rs 1000/- for non members
\$150 for foreign participants

The delegates are requested to follow the online registration procedure by browsing our website www.schemcon2011.in, the registration fee is to be sent by at par multicity cheque/DD to the Organizing Secretary at the Schemcon Secretariat. No spot registration would be entertained.

For Registration:

Dr Sangita Bhattacharjee, *Asst. Professor and DC ChE, HITK*
Convener, Registration Sub Committee
e-mail: regn.schemcon2011@gmail.com

Travel and Accommodation:

One way II class sleeper railway fare by the shortest route would be reimbursed to the IChE student delegates. Subsidized shared accommodation would be provided to the student

Members

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CONTACT**For any queries:****Swami (Dr) Vedajnananda**

Professor, ChE, HITK and Organising Secretary, SCHEMCON 2011,

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For Paper Submission:**Ms Pramita Sen**

Asst. Professor, ChE, HITK and

Convener, Technical and Publications Sub Committee

e-mail:schemcon2011@gmail.com

For Sponsorship related queries:**Mr Abhyuday Mallick**

Assistant professor, HITK and Convener, Resource Mobilization Sub-Committee

Mobile: 09830589527

Designated Student-Convener for all queries:**Mr Soubhik Gupta**

Mobile: 08017537426 / 09674411807

SCHEMCON Secretariat**Heritage Institute of Technology**

Room No. B007

Chowbaga Road, Anandapur, P.O. East Kolkata Township, Kolkata 700107, India

www.schemcon2011.in

The Organizing Secretary**SCHEMCON 2011**

SCHEMCON Secretariat, Room No B007

Heritage Institute of Technology,

Kolkata 700107

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I/We would like to book _____
 for SCHEMCON 2011 to be held in 23- 24 September 2011 at Heritage Institute
 of Technology, Kolkata 700107.

I/We hereby send Cheque /DDNo. _____ dated the _____
 of Rs _____ Rupees (in words) _____

_____ only drawn in favour of SCHEMCON 2011 on _____

Bank, _____ branch.

I/We verified enclosed Printing/Advertisement material.

Yours faithfully,

(Signature with official seal)

Date:

Enclosures: _____

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