



Important Information

Registration of delegates begins at 0800 a.m. on 26th November 2009 at Gulmohar Hall and the Inaugural session will follow thereafter at 0900 Hrs.

**Venue : India Habitat Centre
Gulmohar Hall, Lodhi Road, New Delhi – 110 003
Date : 26th – 27th November 2009**

Delegate Fee

- Industry & others Rs.10,000/- per delegate
- Research Organisations Rs.5,000/- per delegate
- Overseas Participants US\$ 300 per delegate

Delegate fee includes course material, lunch, tea and refreshments during workshop sessions on both days.

Please note that delegates have to make their own arrangement for travel and stay.

Last date for registration: October 30th, 2009

Registration Form along with the delegate fee cheque / DD drawn in favour of "Lovraj Kumar Memorial Trust", payable at Delhi, should be sent to the Secretary, Petrotech Society, SCOPE Complex, Core 8, 3rd Floor, 7 Institutional Area, Lodhi Road, New Delhi - 110 003.

Technical Committee

- Mr. M.K. Joshi, Director (Tech), EIL – Chairman (Technical Committee)
- Mr. A. Soni , Trustee LKMT & President Punj Lloyd
- Dr. S.J.Chopra , Chancellor - UPES
- Mr. Anand Kumar, Director (R&D) IOCL
- Mr. A.K. Purwaha , Director (BD) GAIL
- Mr. Mohan Lal, Director Axens (India)
- Mr. Shyam Bang , Director - Jubilant Organosys , Chairman – IICH E (NRC)
- Mr. J.L. Raina, Secretary General - Petrotech Society
- Dr. M.A. Siddiqui, ED. (R&D) BPCL
- Mr. Ajit Kapadia, Vice Chairman - CFSR, Baroda
- Mr. Jai Uppal , Sr. Advisor - CAE
- Dr. S. Basu, Professor, Dept. of Chem. Engg. , IIT, Delhi
- Dr. Shantanu Roy, Professor, Dept. of Chem. Engg. IIT, Delhi
- Dr. D.M. Kale, Advisor (R&D) ONGC
- Dr. R.P. Verma, Advisor (R&D) HPCL
- Dr. S. Banik, Advisor (R&D) EIL
- Mr. Uday Kulkarni, AGM (Tech), EIL – Secretary (Technical Committee).

Trustees

- Dr. Abid Hussain, Chairman
- Prof. K. Vasudeva (Secretary)
- Mr. J.P. Kapur
- Dr. I.B. Gulati
- Mr. A.K. Arora
- Dr. T.K. Roy
- Mr. B.C. Bora
- Mr. A. Soni
- Mr. Anand Kumar
- Dr. A.K. Balyan

Petrotech Society

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Lodhi Road, New Delhi - 110003

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www.petrotechsociety.org



Lovraj Kumar Memorial Trust

Annual Workshop 2009 on

"Managing Carbon Footprints in the Process Industry"

Venue

India Habitat Centre,
Gulmohar Hall, Lodhi Road, New Delhi
November 26th – 27th, 2009

In association with



Objective

The Lovraj Kumar Memorial Trust was founded in 1994 in the memory of Shri Lovraj Kumar- former Secretary, Ministry of Petroleum & Natural Gas, Govt. of India. Shri Lovraj Kumar laid great emphasis on the development of the Petroleum, Petrochemicals, Oil & Gas Industry and Energy & Environment. He was a champion of efforts, directed towards developing indigenous capabilities and spreading knowledge. The Trust aims to promote technological, educational and scientific activities, in various fields of Hydrocarbon Industry, Chemical Process Industry and Energy and Environment, in keeping with the vision of Late Shri Lovraj Kumar.

The Trust has been successfully organising Technology Workshop annually since last 8 years. Last year's workshop on "Petroleum Refining - Redefining Upstream & Down Stream Integration", was a great success. It was well attended and addressed by eminent speakers from leading International and national process technology companies, like UOP, Axens, Technip, KBR, EIL & BPCL.

In continuation of the initiative taken in the past, this year we are organising a 2-day workshop on "Managing Carbon Footprints in the Process Industry". The subject is of great relevance today in view of Global Warming, Climate Change and Energy Security. It is our endeavour to address the issues related to Energy and Environment, CO₂ emission, GHG management and Carbon capture in the Process Industry - a step towards Green Technology and saving our planet.

The workshop is being organised in association with **Engineers India Limited (EIL), Petrotech Society and PTO publication, UK** as International partner.



Topics

The following topics are proposed to be covered in the workshop:

Carbon Footprints

- Energy Security & Green House Gas Management
- Impact of Improved Transportation Fuels Quality on CO₂ emission.

Carbon Footprints Reduction in Utility / Energy System

- Integrated Process and Utility, Air / Nitrogen systems, Fuel System.
- Power Generation - Efficiency improvement and carbon capture options
- Integrated Refining & Petrochemical operations for Energy Efficiency and Emission Control.
- Co-processing of non-fossil based feeds
- Non-conventional petrochemical feed stock.

Technology Options

- Hydrogen from Nuclear Energy
- Methanol Economy
- Algae as a source of Energy

Speakers

Eminent speakers have been invited from leading national and international process technology companies and research organisations / institutions, premier design and engineering companies and process licensors like Axens, UOP, Lummus, Lurgi, Linde, Worley Parsons, Foster Wheeler, EIL and BARC. Mr. Jean Sentenac - Chairman & CEO of M/s. Axens, France, has kindly accepted our invitation to deliver the Key-Note Address.

Who should attend

Senior level & middle level process engineers / technologists / policy makers from:

- Petroleum, Petrochemical Industry
- Oil and Gas Industry
- Fertilizers & Chemical Process Industry
- Power Industry
- Energy and Environmental field
- Design and Engineering Contracting Companies
- Process Licensors & Consultancy companies
- Process Equipment Manufacturers
- Research Organisations
- Academic Institutions

Registration Form

Lovraj Kumar Memorial Trust Annual Workshop 2009
on
"Managing Carbon Footprints in the Process Industry"
November 26 & 27, 2009
India Habitat Centre, Lodhi Road, New Delhi

Name.....
Organization.....
Mailing Address.....
.....
Fax.....Email.....
Tel.(0).....(R).....

Delegate Fee: All DD/Cheque may be drawn in favour of **Lovraj Kumar Memorial Trust** The registration form & cheque/DD of delegates fee to be sent to:

Secretary
Petrotech Society
Scope Complex, Core 8, 3rd Floor, 7 Institutional Area,
Lodhi Road, New Delhi 110 003 India
Phones (+91 11) 2436 4055, 1866 **Fax** (+91 11) 2436 0872
Email petrotechsociety@vsnl.net

Delegate Fee

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|---------------------------|--|
| a) Industry /Others | : Rs 10,000/- per delegate |
| b) Research Organizations | : Rs 5,000/- per delegate |
| c) Overseas Participants | : US\$ 300 per delegate |
| d) Academic Institutions | : No Fee for first 10 participants. 2 Participants from each institution. For additional participants Fee Rs. 3000 per delegate. |

Cheque/DD No..... Date.....
Bank Name/Branch.....
Place / Date..... Signature.....

Filling up the portion below is optional but recommended:
Residential address in Delhi during the workshop.....
.....
..... Fax..... Tel.....

Note: Please fill in capital letters & Use separate form for each participant. (If required, Xerox copies of this form may be used).