

## **INSTITUTE**

Sant Longowal Institute of Engineering & Technology (SLIET), a Deemed University, has been established and funded by MHRD, Government of India in 1991 to provide technical education in emerging areas of Engineering and Technology. The Institute caters to the technical manpower requirements at various levels by adopting a concept of modular system in imparting technical education with emphasis on practical training in industry. The study programmes include various courses at certificate, diploma, undergraduate (B.E.) & postgraduate (M.Tech.) degrees and Ph.D. levels in various branches of engineering and technology.

## **LOCATION**

The Institute is situated at Longowal which is around 8 Km from Badbar, an important bus stop on Sangrur-Barnala Highway. The institute is connected by road with Sangrur (18 Km), Barnala (25Km), Ludhiana (120Km), Chandigarh (150Km) & Delhi (250Km). The nearest railway stations are Sangrur (18 Km), Sunam (16Km) & Dhuri (30Km).

## **WEATHER**

Month of September is a part of spring season in this region of North India. The weather becomes pleasant, with temperature in the range 30-35° C.

## **DEPTT. OF CHEMICAL ENGINEERING**

Department of Chemical Engineering is one of the major departments of the Institute offering Certificate, Diploma, B.E, M.Tech. and Ph.D. programs. All the laboratories of the department are well equipped with modernized facilities and equipments for the purpose of practical class work/ demonstrations as well as research and development.

The courses being run by the department include:

- Certificate in Paper Tech.
- Diploma in Chemical Technology
- B.E.in Chemical Engineering
- B.E. in Chemical Engineering (with specialization in Polymer Tech.)
- M.Tech. (Chemical Engineering)
- Ph.D. Program

## **ABOUT THE SEMINAR**

India is progressing towards the development of the country's chemical industry and to attract the investments from inland as well as overseas. The future perspectives of chemical industries in India strategically fit to grow with the promising population and economy of the nation. Chemical industries carry the major and endless employment opportunities along with the unforeseen challenges in terms of energy, environment and other global issues like ozone layer depletion, global warming etc. To meet the material demand of the world, chemical industrial world needs to be audited in terms of demand, scope, status and challenges.

CIIOC-2016 is the national seminar in India organized significantly to focus on the broad range issues impacting the chemical industry. The seminar has been planned to explore several key issues to meet the following objectives:

- To overview status of chemical industry in India
- To analyze opportunities and potential for the growth of chemical industry in India
- To understand scope and challenges of chemical industry in India by exploring demand and problems
- To analyze and update the recent research and development in the industry
- To overview energy and environment issues related to chemical and allied industry
- To explore the gap between chemical industries & technical institutions and remedies through industry compatible education
- To explore the employment and entrepreneurial opportunities in chemical and allied industries

## **TOPICS TO BE DISCUSSED**

- Status, scope and challenges in chemical and allied industries
- Entrepreneurship in chemical and allied industries
- Chemical industries and education system in India
- Chemical engineering education and role of technical institutions
- Energy and environmental issues related to chemical industries

- Industry oriented research & development
- Chemical industry and Indian economy
- Hazards and safety aspects in chemical industry
- Product specific industries : Status, scope, challenges and related research
- Process design and development in chemical industry
- Process instrumentation and control
- Govt. policies and support system for chemical industry, education and research
- Resource management in chemical process industry

## **CALL FOR PAPERS**

Faculty members from Engineering/ Management Institutes and Polytechnics in the related areas / professionals from industry / R&D organizations / others related to chemical and allied industry/ Research scholars working in the field are welcome to contribute the papers.

## **SUBMISSION OF PAPERS**

The papers can be submitted in MS-Word, camera ready format for rapid publication through e-mail (preferred) or through post along with a soft copy. (Guidelines for paper submission are available on institute website [www.sliet.ac.in](http://www.sliet.ac.in)).

The papers in prescribed format for oral / poster presentation may be submitted by due date. Acceptance of paper would be communicated. Only few selected papers will be considered for oral presentation and other accepted papers would be considered for poster presentation. The papers selected may be considered for publications in conference proceedings.

## **Address for Correspondence/Registration**

**Coordinator, CIIOC-2016**

**Department of Chemical Engineering,**

**SLIET, Longowal, Sangrur-148106 Punjab**

**Ph. 09815081414, 09463167202, 01672-253321**

**E-mail: [ciioc2016@sliet.ac.in](mailto:ciioc2016@sliet.ac.in),**

**[ciioc2016@gmail.com](mailto:ciioc2016@gmail.com)**

**TEQIP II Sponsored**  
**NATIONAL SEMINAR**  
**ON**  
**CHEMICAL INDUSTRY IN INDIA:**  
**OPPORTUNITIES AND CHALLENGES**  
**(CIIOC-2016)**  
**September 22-23, 2016**  
**Registration Form**

**Name:** \_\_\_\_\_

(In block letters)

**Designation:** \_\_\_\_\_

**Field of specialization:** \_\_\_\_\_

**Name of the Institute/Organization:** \_\_\_\_\_

**Address for correspondence:** \_\_\_\_\_

\_\_\_\_\_

**E-mail:** \_\_\_\_\_

**Tel. /Mobile No.:** \_\_\_\_\_

**Academic Qualification:** \_\_\_\_\_

**Teaching/ Professional experience:** \_\_\_\_\_

**Category : Academics /R&D Inst./ Govt. Org.**  
**Industry/ Research Scholar/Student**  
**(Kindly submit the proof of identity)**

**Title of the Paper:** \_\_\_\_\_

\_\_\_\_\_

**Accommodation required: Yes/No** \_\_\_\_\_

**Details of Bank Draft (Regn. Fee):**

**Rs.** \_\_\_\_\_ **No.** \_\_\_\_\_ **Date** \_\_\_\_\_

(In favor of "Director, SLIET" payable at Longowal)

**Arrival Date:** \_\_\_\_\_

**Departure Date:** \_\_\_\_\_

**Place:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Signature of Applicant**

**Signature and seal of forwarding authority**

**NATIONAL ADVISORY COMMITTEE**

Sh. A. Gupta, Addl. Director (Technical), Department of  
Industries & Commerce, Govt. of Haryana  
Dr. A. K. Tripathi, Director, MNRE, Govt. of India  
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Vajpayee Institute of Engineering & Technology, Shimla  
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Dr. Sanjay Bajpai, Director, Technical Mission Cell:  
Water and Solar Energy, Govt. of India  
Prof. S.S. Marwaha, CEO, Punjab Biotech. Incubator  
Prof. V.K. Rattan, UICET, Panjab University, Chandigarh

**REGISTRATION FEE**

Delegates from Industry : Rs. 1000/-  
Delegates from Academics /R&D/  
Govt. organization : Rs. 500/-  
Research Scholars/students : Rs. 250/-

Registration fee along with registration form is to be sent in the form of D.D. drawn in favor of "Director, SLIET" payable at Longowal

**IMPORTANT NOTE**

*Registration form along with registration fee applicable (DD) should reach the organizers on or before **Sept. 15, 2016**. However an advance copy of form (duly filled) may be sent to the organizers through email latest by **Sept. 10, 2016**. Regarding information and guidelines for paper submission and presentation, please visit [www.sliet.ac.in](http://www.sliet.ac.in).*

**IMPORTANT DEADLINES**

Submission of Abstract : August 30, 2016  
Notification of Acceptance : August 31, 2016  
Submission of Full Paper : Sept. 10, 2016  
Circular for Detailed Program : Sept. 16, 2016

**BOARDING & LODGING**

The participants/ delegates will be provided with boarding and lodging at the institute's guest house/ Transit Accommodation/ hostel at no extra charges. No TA/DA will be paid to the participants.

**TEQIP II Sponsored**  
**NATIONAL SEMINAR**

**ON**

**CHEMICAL INDUSTRY IN INDIA:**  
**OPPORTUNITIES AND CHALLENGES**

**(CIIOC-2016)**

**September 22-23, 2016**



**ORGANIZED BY**

**Department of Chemical Engineering**  
**Sant Longowal Institute of**  
**Engineering & Technology**

(Deemed University)

(Established by Govt. of India)

**Longowal, Distt. Sangrur-148106**  
**Punjab (India).**

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**Patron-in-chief: Prof. V.K. Jain, Director**

**Patron : Prof. M. B. Bera, Dean (Acad.)**

**Chairman : Prof. S. M. Ahuja**  
**H.O.D. (Chemical Engg.)**

**Coordinators : Dr. Avinash Thakur**  
**: Sh. Gulshan Kumar Jawa**