



**Date:**  
**Friday, 21/04/2023**

**Venue:**  
**MIDC Kurkumbh**  
**(Cipla Conference Room)**



**PUNE REGIONAL CENTRE**



**One Day  
Seminar On**

# **IMPROVING CHEMICAL PROCESSES THROUGH APPLICATION OF CHEMICAL ENGINEERING PRINCIPLES**

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**Organized by:**  
**IIChE, Pune**  
**Regional Center**

# About IChE

IChE is a pioneer association within the country to spread Chemical Engineering education and foster interest in the Chemical Engineering profession in general. IChE has come a long way since its inception in 1947. Today, with around 30,000 members on its roll, the Institute has emerged as the apex professional body of Chemical Engineering professionals in India and has developed a distinct profile of its own. As a matter of fact, IChE is always molding itself and playing a proactive role to keep up with the dynamic needs of the economy and society.

## About Pune Regional Center

Pune Regional Center is one of the oldest regional centers of IChE which is more than 40 years old. Pune Regional center has been organizing various activities for the professionals and the students associated with the Chemical and allied branches. There are more than 250 Life members associated with IChE Pune Regional Center. 10 colleges in Pune and nearby which are having Chemical Engineering in their curriculum are having IChE Student's chapter and is being governed under the Pune Regional Center.

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Become  
IChE Member



## Registration

### Registration Fee

For IChE Members – Free  
For Non-IChE Members - Rs. 1000/-

### Scan for Registration



## Limited Seats

## Who Can Attend

Individuals and Professionals working in the  
Process Industry

## About the Event

Quality Production is the backbone of modern society. Through the application of material and energy balance, unit process and unit operation optimisation, chemical engineering science can be used to increase production and productivity. In comparison to global standards, the implementation of chemical engineering in the Indian chemical industry, particularly in the small and medium sector, is not as desirable as it should be. As an illustration, very few SME organisations have a staff function department to audit performance while under duress to meet production goals. Whenever there is a yield that falls short of expectations, it will reduce output and may also contribute to an increase in pollution. In either instance, will result in decreased unit profitability, which may necessitate its closure. This seminar is designed to assist participants in comprehending how the application of fundamental chemical principles to their daily work will result in cost reductions.

## Objective of the Seminar

The purpose of the seminar is to increase production and productivity by facilitating interaction between a large number of chemical engineers and chemists working at Kurkumbh with consultants, faculty members of chemical engineering departments, and R&D researchers, among others.

# Organizing Committee

- **Mr. Vikas Tople**, President of Association of MIDC Kurkumbh
- **Mr. Mangesh Vaze**, Sr VP, CIPLA, Kurkumbh
- **Mr. Sanjay Amrutkar**, Senior Director, CIPLA, Kurkumbh
- **Mr. Yashwanth Gharpure**, Council Member IICHe PRC
- **Dr. Subhash Vaidya**, Council Member IICHe PRC
- **Dr. C. V. Rode**, Council Member IICHe PRC
- **Dr. Kiran Patil**, Council Member IICHe PRC
- **Dr. Vinay Bhandari**, Council Member IICHe PRC
- **Dr. Sanjay Kamble**, Council Member IICHe PRC
- **Dr. Manik Deosarkar**, Council Member IICHe PRC
- **Ms. Hemaleka Balu**, Council Member IICHe PRC
- **Dr. Shashank Gaikwad**, Council Member IICHe PRC
- **Mr. Milind Talathi**, Council Member IICHe PRC
- **Dr. Prafulla Garge**, Council Member IICHe PRC
- **Mr. Alok Pandit**, Chairman, IICHe PRC
- **Dr. Utkarsh Maheshwari**, Hon. Secretary, IICHe PRC

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IICHe Website



# Tentative Planned Sessions

- Welcome Address by **Mr. Y.H. Gharpure**, Executive Council Member IICHe, PRC
- Address by the Chief Guest, **Mr. Vikas Topale**, President of the MIDC Associations, Kurkumbh
- Address by Guest of Honour, **Mr. Mangesh Vaze**, Sr Vice President- Cluster Head API - CIPLA, Kurkumbh
- Topic 1: "Performance Monitoring through Mass Balance Studies" by **Mr. Alok Pandit**, MD, Equinox Software and Services Pvt. Ltd., Pune and Chairman, IICHe, PRC
- Topic 2: "Unit Operation I : Crystallization operation optimization" by **Mr Bhagwan Kundur**, CIPLA, Kurkumbh
- Topic 3: "New Energy Efficient systems for industrial manufacturing" by **Mr. Arun Kaulbud**, Consultant, Pune
- Topic 4: "Unit Operations-II: Improving briquette boiler efficiency by optimizing unit operations" by **Mr. Rajendra Patil** (AI&R), CIPLA, Kurkumbh
- Topic 5: "Case Study : Process Intensifications for Chemical and allied industries" by **Dr. Sanjay Kamble**, Senior Scientist, CSIR, NCL, Pune
- Topic 6: "Revolution in column internals for Distillation Technology" by **Mr. Chetan Sayankar**, Managing Director, S-Cube Mass Transfer Pvt. Ltd., Pune
- Topic 7: "Unit Operation III : Micronization operation optimization" by **Mr. Pawan Waghmare**, CIPLA, Kurkumbh
- Topic 8: "Industrial waste water treatment from Pharama Industries" by **Dr. Vinay Bhandari**, Chief Scientist, CSIR, NCL, Pune