



Pacific School of Engineering, Sanki- Surat

Report on

Two Days State Level Workshop on Chemical Process Safety and Risk Management

Date: 28th & 29th January, 2023

Venue: C- Building (Seminal Hall, PSE)

Chief Guest: **Mr. Tapas Chakraborty** (Executive Officer, Reliance Industries Limited, Hazira)

Expert/Speaker: **1. Mr. Rajdeepsinh Gohil**

Dy. Manager (HSE), Navin Fluorine International Ltd, Surat

2. Mr. Dipak Parmar

Asst. Manager (Fire & Safety), Navin Fluorine International Ltd, Surat

3. Mr. Prakash Patel

Dy. Manager (EHS), the Dharamsi Morarji Chemical Co. Ltd, Dahej

4. Mr. Piyush Mistry

Dy. Gen. Manager, Anupam Rasayan India Ltd, Surat

Patron: **Dr. Yogesh C. Rotliwala**, Principal, PSE

Convener: **Prof. Dishank Tailor**, Head of CHE Department

Co-ordinator: **Prof. Rashmi Chaudhari**, Assistant Professor, ChED

Committee member: **Prof. Feni Patel**, Assistant Professor, ChED

Prof. Aarti Sonawane, Assistant Professor, ChED

Prof. Dhruti Sundar Behera, Assistant Professor, ChED

Associated with: Indian Institute of Chemical Engineers (IICHE), Indian Society for Technical Education (ISTE), Gujarat Council on Science & Technology (GUJCOST).

Audience/Participants: Chemical and non-chemical Industrial Person as well as student.

ABOUT PROGRAM:

This course will advance students in the area of safety and risk management associated in chemical process industries. Due to complexity in chemical technology, it is a need to understand the fundamentals of safety. It mainly included the negative impact of hazards at workplace and its precautionary measures. In this regard, process safety and risk management become one of proactive and systematic tool for identification, evaluation, Mitigation, prevention and control of hazards that could occur as a result of failures in chemical process, procedures, or equipment. This course will also be including actual practical case study of safety and risk management happened at industries.

OBJECTIVE OF PROGRAM:

- Introduction to need of Process Safety and Risk Management system
- HAZOP and Hazards Study
- Safe handling of Hazardous Materials, Storage and Transportation
- Fire & Explosion, Personal Protective Equipment's, Instrumentation and Control
- Safety: Laws and Regulations, Emergencies Handling, Safety Audit and M.S.D.S.
- Case study on "Process Safety Management"





