A historical examination of the worldwide chemical process industry suggests that a simple awareness of the risks inherent in its processes does not suffice to ensure the safety of its resources (human and otherwise) and mitigate losses due to human frailty or other factors. The need of the hour is a thorough understanding and implementation of effective risk assessment along with a robust safety management system.

IIT Bombay’s 3-day course ‘Chemical Process Risk Assessment’ (CPRA) is aimed at meeting this need. Through its vigorous case study-based approach; engineers, plant designers/managers and safety professionals will understand important methodologies for qualitative and quantitative risk assessment so they can identify and quantify potential risks, and proactively find ways to prevent them or alleviate their effects.

LEARNING OBJECTIVES

With this knowledge-packed programme, you would:

• Understand the basic principles of risk estimation and assessment, so you can identify risks, estimate probabilities, understand potential consequences, and plan for emergencies and safety investments.

• Learn the methods used to estimate accident likelihood (frequency) and consequences, and probabilities of equipment/human loss.

• Become aware of sources of accidents and the need for computing risks to individuals and communities.

• Familiarise yourself with risk analysis as a decision-making tool for managing process risks and deciding safety investments.

FACULTY

By Prof. Sandip Roy
NOCIL Awardee for “Excellence in Design or Development of Process Plant and Equipment” from Indian Institute of Chemical Engineers (IIChE)

Apply Now

WHO WILL BENEFIT

This programme is designed for chemical process industry professionals who want to understand risk assessment and how it can be applied for improving the efficacy of process risk management.

• Chemical engineers

• Plant designers

• Plant managers

• Safety professionals

KEY INFO

Jalvihar Seminar Hall,
IIT Bombay, Powai

3 Days

Feb 27th-29th, 2020

Rs. 20,000/- (inclusive of GST)