



DEPARTMENT OF CERTIFICATE COURSE IN CHEMICAL SAFETY & RISK MANAGEMENT



Prof. P. D. VAIDYA, *FMA Sc*
Rashtriya Chemicals and Fertilizers Chair
Professor of Chemical Engineering
Coordinator, Certificate Course in Chemical
Safety and Risk Management

*B. E. (Chem. Eng.), M. Chem. Eng.,
Ph.D. (Tech.) in Chem. Eng.*

This course is designed for all the post-graduate researchers in the Institute of Chemical Technology. It is also suitable for young professionals employed in the chemical and allied industries. In this course, several useful topics are taught (lectures 45; 3 h/week): safety and risk management; material hazards; hazard evaluation and risk assessment techniques; laboratory safety; handling,

storage and transportation of hazardous chemicals; safety devices; utilities; radiation safety; environmental impact assessment; management practice in SHE plant operation; fire safety; introduction to REACH and OSHA; and bio-safety. This course commenced in July 2015 and is taught in every semester. The performance of the participants is assessed using continuous tests and an end-semester examination. Prof. P. D. Vaidya is the Course Coordinator. The following faculty members, who are renowned experts from the academia and industry, are teaching around 125 students in every batch:

1. Prof. P. K. Ghosh
2. Dr. L. M. Gantayet
3. Dr. S. A. Nadgouda
4. Mr. V. V. Bhujle