



International Workshop on Process Safety Management (PSM)



IIT Gandhinagar, October 14-15, 2012

The **Workshop on Process Safety Management** will introduce participants to the fundamentals of PSM and its industrial practice. Leading national and international professionals and academics from India, Singapore and the United States will conduct the workshop, which will emphasize safe plant operations and promoting a culture of safety in the plant environment. It will also help professionals to understand the challenges and best practices for safe and healthy workplaces.

The workshop will feature a panel discussion on **Process Safety Management & Challenges in Indian Industries** in which safety professionals from various industries, policy makers and scholars will discuss best practices, challenges, and possible solutions.

Workshop Content

The workshop will cover the following topics:

- Fire, deflagration and detonation; handling toxic, reactive and flammable liquids and gases in process industries.
- Risk analysis and risk management; emergency planning and response
- Industrial hazards and HAZOP analysis
- Effective loss prevention in process industries
- Inherent safety and inherent safer design
- Management of change
- Safety awareness, accident/incident including near-miss investigations, mechanical integrity and asset reliability, contractor safety management, training/ compliance audit, good safety practice in process plants
- Behavioural safety and culture based risk assessment; work permit systems, job safety analysis, best practices for safer plant environment

Who Should Attend?

Safety professionals, managers, plant engineers and operators, academics, policy makers and industrial safety consultants.

Workshop Costs

Rs 12,000, inclusive of all meals on both days, but excluding accommodation. Housing available for Rs 5,000 per day or participants can make their own housing arrangements.

Registration

To register, please send your name, title, affiliation and payment for Rs 12,000 (plus Rs 5,000 per day if requiring accommodation) to contact address on right, or register online at iitgn.ac.in/safety

Workshop Faculty

Dr. M. Sam Mannan, PE, CSP, DHC

Regents Professor and Director, Process Safety Center, Department of Chemical Engineering, Texas A&M University, USA

Dr. M. Sam Mannan is a registered professional engineer in Texas and Louisiana and a Certified Safety Professional. He has published 160 peer-reviewed journal publications, several books and book chapters on inherently safer processes and delivered 175 technical meeting presentations as invited and keynote speaker. Dr. Mannan is the recipient of numerous awards and recognitions from AIChE, TAMU, and IChemE and the "Bush Excellence Award."

Mr. Jitendra C. Patel

Fellow of American Society of Safety Engineers, USA

Jitendra C. Patel, CPEA, is founder of the American Society of Safety Engineers (ASSE) India Chapter and a Senior Board Advisor of the Arizona Chapter of ASSE. Mr. Patel received the Arizona Chapter's Howard Hiedeman Safety Professional of the Year Award for 2006-2007 and the ASSE Fellow in 2011. He has played a crucial role in the global growth of ASSE in the Middle East and Asia.

Dr. Rajagopalan Srinivasan

Associate Professor, Department of Chemical and Biomolecular Engineering, National University of Singapore

Dr. Rajagopalan Srinivasan serves as President of AIChE's Singapore section and editor of IChemE's journal *Process Safety & Environmental Protection*. He has authored/co-authored over 320 international peer-reviewed publications and several books and holds many patents.

For more information, please contact:

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