



INDIAN INSTITUTE OF TECHNOLOGY GANDHINAGAR

# INTERNATIONAL CONFERENCE ON SAFETY (ICS 2017)

January 3-6, 2017 ...Promoting a Culture of Safety



Organized by:  
**SAFETY CENTRE**  
IIT Gandhinagar

In Association with:



Working  
for safer world  
since 1894



**MARY KAY O'CONNOR  
PROCESS SAFETY CENTER**  
TEXAS A&M ENGINEERING EXPERIMENT STATION



SINCE 1933

## International Conference on Safety Main Conference (Jan 3-4, 2017)

The **International Conference on Safety** (ICS) is Safety Centre's larger initiative as we endeavour to promote a culture of Safety in all sectors (Industry and Informal), spheres (Private and Public) and walks of life (Academia and Research). The 3<sup>rd</sup> edition in the series — **ICS 2017** will be an interdisciplinary conference that brings together researchers, educators, safety officials, engineers, safety advocates, policy makers and consultants to undertake a comprehensive analysis explore solutions to pressing safety challenges in India and around the world.

**The conference will explore all aspects of safety including:**

- ✚ Design and Operations
- ✚ Regulations and Standards
- ✚ Planning and Economics
- ✚ Risk Management
- ✚ Testing
- ✚ Behavioural and Occupational Safety

**And many more across various sectors such as:**

- ✚ Buildings and Structures
- ✚ Process
- ✚ Consumer
- ✚ Fire
- ✚ Industrial
- ✚ Construction and Transportation
- ✚ Informal Sectors

**And we will also cover Hazards, Disaster Mitigation, Best Practices and Emerging Trends in Safety.**

Since most problems in today's increasingly complex world are multifaceted and multidimensional, insights into various disciplines are required to effectively address them, this **Interdisciplinary conference** and **Symposium** serve as an ideal platform for researchers, renowned scholars and academicians, engineers, safety officials and advocates, policy makers and consultants from India and across the globe. The program includes Keynote Addresses, Plenary talks and Presentations covering design, operations, planning and state of the art Research in all aspects of safety across various sectors such as Buildings and Structures, Fire, Consumer, Transportation, Industrial and Informal Sectors.

## Safety Centre IIT Gandhinagar

The objective of the IIT Gandhinagar Safety Centre is to promote safety in public and private spheres, industry and the informal sector. The Safety Centre advances these objectives with activities to **Discover** (Research and Development), **Teach** (Offering safety courses in UG and graduate curriculum), **Outreach** (through Conferences, Workshops, Seminars, Symposia and training Professionals from Academia and Industry) and **Practice**. Safety Centre @ IIT Gandhinagar is pleased to invite you to the Main Conference (January 3-4, 2017) and two simultaneous symposiums (1) Symposium on Process Safety (SPS 2017) and (2) Symposium on Fire Under Structure (SSUF 2017) during January 5-6, 2017.

### Symposium on Process Safety SPS 2017 (Jan 5-6, 2017)

Alongside ICS, a **Symposium on Process Safety (SPS 2017)** is organized by IIT Gandhinagar Safety Centre in association with Mary Kay O'Connor Process Safety Center (MKOPSC), Texas A&M University, USA. The symposium will bring together national and international thought leaders in Process Safety who will deliver lectures on various topics related to safety in the oil & gas, chemical, petrochemical and pharmaceutical industries. The Symposium will emphasize on safe operation of process plants and promote a culture of safety. It will also help professionals to understand the challenges "Form Bhopal to the Current Times: Are We Making Progress in Process Safety Performance?"

### Symposium on Structures Under Fire SSUF 2017 (Jan 5-6, 2017)

Similarly, a **Symposium on Structures Under Fire (SSUF 2017)** is arranged. The SSUF 2017 is designed to introduce the participants to the fundamentals of Design and Safety of Structures when exposed to fire. The national and International speakers will deliver lectures on various aspects related to design and analysis of RCC and Steel Structures subjected to fire. The special focus will be given to high-rise building fire.

# Invited Speakers



**Prof. Hans Pasman**  
*Texas A&M University  
USA*



**Prof. En Sup Yoon**  
*Seoul National University  
South Korea*



**Prof. Venkatesh Kodur**  
*Michigan State University  
USA*



**Prof. M. Sam Mannan**  
*Texas A&M University  
USA*



**Dr. Anthony Abu**  
*University of Canterbury  
New Zealand*



**Prof. Ali S. Rangwala**  
*Worcester Polytechnic  
Institute, USA*



**Prof. Rajagopalan  
Srinivasan**  
*IIT Gandhinagar, India*



**Prof. Maria Papadaki**  
*University of Patra  
Greece*



**Prof. Syeda Sultana  
Razia**  
*BUET, Bangladesh*



**Prof. Dong-il Shin**  
*Myongji University  
South Korea*



**Dr. Mimi H. Hassim,**  
*Universiti Teknologi  
Malaysia, Malaysia*



**Prof. Kyoshik Park**  
*Myongji University  
South Korea*



**Dr. M. Surianarayan**  
*CSIR (CLRI), India*



**Dr. Prankul Middha**  
*Former Gexcon, UK*



**Dr. Chitra Rajgopal**  
*DRDO (CFEES), India*



**Hirak Dutta**  
*Essar Oil & Gas, India*



# Invited Speakers



**Dr.R.K. Dave**  
NDMA, India



**Shri Umesh Dhake**  
CCPS, India



**Dr. Anil Agarwal**  
IIT Hyderabad, India



**Shri G. Vishwanathan**  
Former IPC, India



**Dr.Sumer Chopra**  
ISR, India



**Prof. STG Raghukanth**  
IIT Madras, India



**Shri Debasish kar**  
KMC, India



**Shri Ashok Menon**  
Goa Fire, India

## International Program committee for ICS 2017

### Program Chair

- Dr. M. Sam Mannan (Texas A&M University, USA)

### Program Committee members

- Dr. Hans Paskan (Texas A&M University, USA)
- Dr. James A. Milke (University of Maryland, USA)
- Dr. Paul Amyotte (Dalhousie University, Canada)
- Dr. Kathy Ann Notarianni (Worcester Polytechnic Institute, USA)
- Dr. Anthony Abu (University of Canterbury, New Zealand)
- Dr. Maria Papadaki (University of Patras, Greece)
- Dr. Faisal Khan (Memorial University, Canada)
- Dr. Venkatesh Kodur (Michigan State University, USA )
- Dr. Dongil Shin (Myongji University, South Korea)
- Dr. Syeda Sultana Razia (Bangladesh University of Engineering and Technology (BUET), Bangladesh)
- Dr. Pravinray.D.Gandhi (Underwriters Laboratories, USA)
- Dr. Mimi H. Hassim (University Teknologi Malaysia)
- Dr. Luc Vechot (Texas A&M University, Qatar)
- Dr. Chitra Rajagopal (Center for Fire, Explosive and Environment Safety, DRDO, India)
- Dr. M. Surianarayanan (Central Leather Research Institute, CSIR, India)

**For further information, reach us at:**

**Safety Centre**

**IIT Gandhinagar**

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