

INTERNATIONAL SEMINAR

Application of Reliability and Risk Analysis to Civil Engineering and beyond

23 January 2019



Reliability and Risk Analysis are two important tools frequently used in safety assessment of engineering projects. Reliability and Risk analysis are closely interconnected because their basic concepts are essentially based on probability and statistics. It has wide applications to various disciplines of Civil Engineering such as – Structural Engineering, Hydraulics/ Water Resources Engineering, Geotechnical Engineering and Environmental Engineering and beyond. This is the need of the hour to understand the importance of reliability and risk analysis for the safety assessment of any engineering structure as dynamic process rather than a static deterministic approach

In this context, Department of Civil Engineering, Jamia Millia Islamia, New Delhi is organizing this seminar, which will bring an insight on the basic concepts involved, the importance of such analysis, and the technological advancement in this area etc.

The international seminar will bring together the engineers, academicians, scientists, researchers, architects, designers, planners and administrators to share and discuss their noble thoughts and ideas.

Organized by
Department of Civil Engineering
Jamia Millia Islamia
(A Central University)
New Delhi (INDIA)

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Relevant topics related to the theme of the seminar are as follows:

TOPICS

- Sustainable development
- Sustainable infrastructure
- Reliability and Risk Analysis
- Deterministic and Probabilistic Analysis
- Computer Based methods in Probability Analysis
- Application of various statistical models to structural engineering and environmental engineering problems

Key Note Speakers

Prof. Chandra S. Putcha

Ph.D. (IITK)

Department of Civil and Environmental Engineering,
California State University, Fullerton, California (USA)

Prof. T. K. Dutta

Indian Institute of Technology, New Delhi

Prof. Gauhar Mahmood

Department of Civil Engineering, JMI

Prof. Qamrul Hassan

Department of Civil Engineering, JMI

Prof. Asif Hussain

Department of Civil Engineering, JMI

Dr. S.M. Muddassir

Department of Civil Engineering, JMI

Dr. Mohd. Umair

Department of Civil Engineering, JMI



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Dr. Akil Ahmad

Dr. Shakil Afsar

Dr. Abid Ali Khan

Mr. Ibadur Rahman

Mr. Tabrez Ali

Mr. Mohd. Izharuddin Ansari

Seminar Schedule

Registration

9:00 am – 9:30 am

Inaugural Function

9:30 am – 10:00

Tea Break

10:00 am – 10:15

Technical Session I

10:30 am – 1:00 pm

Lunch Break

1:00 pm – 1:30 pm

Technical Session II

1:30 pm – 4:30 pm

Venue

Auditorium,
Faculty of Engineering & Technology
Jamia Millia Islamia, New Delhi

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