



# WEEKEND

# TALK

WEEK – 22  
No Participation Fee



## On Safety Engineering, Management and Analytics (SEMA)

Conducted under  
“AZADI KA AMRIT MAHOTSAV”  
- 75 years of India’s Independence



Centre of Excellence in Safety  
Engineering and Analytics (CoE-SEA)

Prof. J Maiti  
Chairman, CoE-SEA

Prof. O B Krishna  
Convener



Prof. Suprakash Gupta,  
Professor, Department of  
Mining Engineering, Indian  
Institute of Technology (BHU)

### TOPIC: QUANTIFICATION AND PREDICTION OF HUMAN ERRORS IN INDUSTRY JOBS – ISSUES, CHALLENGES AND FUTURE DIRECTIONS

Prof. Suprakash Gupta, PhD, Professor in the Department of Mining Engineering, Indian Institute of Technology (BHU) and INSA (Indian National Science Academy) Visiting Fellow (2008), has over 22 years of experiences in teaching, research, and consulting. His research interests include (i) human reliability analysis, (ii) data analytics, (iii) reliability and risk analysis, (iv) safety analysis and safety management, (v) maintenance analysis & design and (vi) application of fuzzy mathematics to problem-solving. He has authored over 100 publications in international journals and conferences of repute, executed several research and consultancy projects and guided several PhD students to successful completion. He visited several foreign countries and worked in the Division of Operation and Maintenance Engineering, Luleå University of Technology, Sweden, in May-June 2007 and May-July 2010 as visiting researcher.

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**Moderators:** Mom Mitra, Tata Steel, and Souvik Das (7384804020),  
Ashish Garg (7477514701), Sinjana Choudhuri, IIT Kharagpur  
**Contact us:** coesea2020@gmail.com

**Date**  
October 29, 2021

**Time**  
8.00 pm -9.00 pm (IST),  
10.30 am - 11.30 am (EDT),  
9.30 am - 10.30 am (CDT),  
7.30 am - 8.30 am (PDT),  
4.30 pm – 5.30 pm (CET)