



# WEEKEND TALK

WEEK – 48  
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. Nirjhar Dhang**  
Professor  
Dept. of Civil Engineering  
IIT Kharagpur

## TOPIC: STRUCTURAL HEALTH MONITORING

Nirjhar Dhang is a structural engineer and a professor at the Department of Civil Engineering, Indian Institute of Technology, Kharagpur. He is known for his research on structural engineering, structural health monitoring and control, and impact studies on concrete. He has done many consultancy and research projects. Presently, he is working on image processing for crack detection and finite element modelling. He was engaged as the Chairman, Civil Construction and Maintenance for the infrastructure development of the Institute. He also served as Head of the Department of Civil Engineering from 2019-21. He has coordinated short term courses on the training of faculty members of State Resource Institutes under the National Programme of Capacity Building of Engineers in Earthquake Risk Management (NPCBEERM) and has coordinated short-term courses on topics such as, "Seismic Reliability and Life Assessment of Structures" under the National Programme on Earthquake Engineering Education (NPEEE).

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**Moderators:** Souvik Das (7384804020), Ashish Garg (7477514701), Sween Josco, Sinjana Choudhuri, IIT Kharagpur  
**Contact us:** coesea2020@gmail.com

**Date**  
April 29, 2022

**Time**  
08.00 pm - 09.00 pm (IST)  
10.30 am - 11.30 am (EDT)  
09.30 am - 10.30 am (CDT)  
07.30 am - 08.30 am (PDT)  
04.30 pm - 05.30 pm (CET)