



2023

4<sup>th</sup> Edition

Lecture Series on

# Advancements in Geotechnical Engineering

From Research to Practice

## Pan IIT Lecture Series on Geotechnical Engineering



### PROF. SUBHADEEP BANERJEE

Professor,  
Department of Civil Engineering,  
Indian Institute of Technology Madras (IITM), India

**Topic:** Modelling of Cyclic Response of Soils:  
Theory & Application

September 19, 2023  
11:00 to 12:00 (1ST)  
15:30 to 16:30 (AEST)



### PROF. BAPPADITYA MANNA

Professor,  
Department of Civil Engineering,  
Indian Institute of Technology Delhi (IITD), India

**Topic:** Seismic Performance Evaluation of  
Concrete Gravity Dam on Rock Foundation  
System with Shear Zone - A Case Study

September 19, 2023  
12:00 to 13:00 (1ST)  
16:30 to 17:30 (AEST)



### DR. GAURAV TIWARI

Assistant Professor,  
Department of Civil Engineering,  
Indian Institute of Technology Kanpur (IITK), India

**Topic:** Re-Sampling Statistics Coupled  
Methods for Reliability Analysis and Global  
Sensitivity Analysis (GSA) of Rock Tunnels

September 20, 2023  
11:00 to 12:00 (IST)  
15:30 to 16:30 (AEST)



### DR. KETAN ARORA

Assistant Professor,  
Department of Mining Engineering,  
Indian Institute of Technology Kharagpur (IITKGP), India

**Topic:** Support System for Tunnels  
Constructed in Squeezing Ground

September 20, 2023  
12:00 to 13:00 (IST)  
16:30 to 17:30 (AEST)



### PROF. SARAT KUMAR DAS

Professor,  
Department of Civil Engineering,  
Indian Institute of Technology (ISM) Dhanbad (IIT-ISM), India

**Topic:** Characterisation of Indian Fly Ash for  
Effective Utilisation

September 20, 2023  
15:00 to 16:00 (IST)  
19:30 to 20:30 (AEST)



### DR. SUPRIYA MOHANTY

Assistant Professor,  
Department of Civil Engineering  
Indian Institute of Technology (BHU) Varanasi (IIT-BHU), India

**Topic:** Study on Utilization of Municipal Solid  
Waste (MSW Fines) for Geotechnical  
Purposes

September 20, 2023  
16:00 to 17:00 (IST)  
20:30 to 21:30 (AEST)



Registration: <https://www.age-rp.com>

### CONTACT US:

Dr. Partha Narayan Mishra, Professor Sarat Kumar Das, Mr. Satyam Tiwari

Organising Committee

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