



# CIVIL ENGINEERING DEPARTMENT

## INDIAN INSTITUTE OF TECHNOLOGY ROORKEE



### LECTURE SERIES ON

## ADVANCED FINITE ELEMENT MODELLING OF GEOTECHNICAL CONSTRUCTIONS



#### About the Instructor

**Professor Fook-Hou Lee** has been a faculty member at the National University of Singapore (NUS) since 1986. He is a Fellow of the Singapore Academy of Engineering. He is also a Distinguished Visiting Professor at the Civil Engineering Department, IIT Roorkee.

**Course Duration: 10 Lectures**  
**25<sup>th</sup> March to 27<sup>th</sup> May 2021**  
**Every Thursday 4.30 to 6.30 pm IST**

**Registration Link\***  
<https://forms.gle/GUkeiDMrd38yo3gz5>  
**Registration Deadline:**  
**15<sup>th</sup> March 2021**

**Who Should Attend ?**  
**Academics, Research Scholars and Practitioners**

#### Scope

Modelling of Real & Complex Geotechnical Problems -  
Nicoll Highway, Fort Canning Tunnel, Common Services Tunnel  
(Singapore), other complex 3-dimensional problems

#### Course Prerequisites

Basic Soil Mechanics and Finite Element Modelling

#### Course Fee for 10 Lectures

For Research Scholars: Rs 1000  
For Faculty/Scientists/Post Docs: Rs 2500  
For Practitioners: Rs 5000  
International Participants: Rs 7500



#### Course Coordinator

**Dr. Akanksha Tyagi**  
Assistant Professor  
Civil Engineering Department  
IIT Roorkee  
[akanksha.tyagi@ce.iitr.ac.in](mailto:akanksha.tyagi@ce.iitr.ac.in)

\*Limited to selected 75 participants; seats may be increased based on registration  
50% seats are reserved for Research scholars  
Certificate of Participation will be awarded upon successful completion.