

GEOMECHANICS TUNNEL ENGINEERING

SHORT COURSE (ONLINE)

26 -27 November 2022
(Saturday & Sunday)

Invited Speakers



Dr. Manoj Verman

Tunnelling & Rock
Engineering Expert,
President of International
Commission on "Hard
Rock Excavation "



**Ts. PGeol. Dr. Goh
Thian Lai**

UKM Senior Lecturer,
Expert in Rock
Mechanics, Logging,
Drilling and Rock Mass
Characterization



Ir. Syed Rajah Hussain

Assessor
Minconsult Sdn. Bhd.
Former Chairman Tunnel
and Underground Space
Technical Division (TUSTD)
Institute Engineers
Malaysia



Dr. Gue Chang Ye

Geotechnical Manager
G&P Geotechnics Sdn. Bhd.
Award winner of the
International Tunnelling
and Underground Space
Award for the category of
Ground Investigation and
Monitoring 2014

Contact Us

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Scan to
register:



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CPD POINTS

Course Fee

Course Fee	
Student	RM 150.00
Alumni / UiTM Staff	RM 200.00
Private and Government Agency	RM 350.00

**We offer early bird discount*

Course Tentative

Day 1: 26 November 2022 (Saturday)

Time	Topic & Activities	Speaker
9.00 am-9.15 am	Online Registration	Participants/ speakers
9.15 am- 9.30 am	Welcoming Speech	Assistant Vice Chancellor Prof. Sr. Ir. Dr. Suhaimi Abdul Talib
9.30 am – 9.45 am	Keynote Speaker	TBA
9.45 am – 11.00 am	First Lecture: Philosophy of Tunnelling and Key Concepts of rock Tunnelling	Dr. Manoj Verman
11.00 am – 11.10 am	Q & A / Short Break	Participants & Speaker
11.10 am – 1.20 pm	Second Lecture: TBM Tunneling with Focus on Rock Tunnelling	Dr. Manoj Verman
1.20 pm – 2.20 pm	Long Break	Participants & Speaker
2.20 pm -4.20 pm	Third Lecture: Drill-&-blast Method of Rock Tunnelling	Dr Manoj Verman
4.20 pm – 4.20 pm	Q & A	Participants & Speaker
	End of Course (Day 1)	

Day 2: 27 November 2022 (Sunday)

Time	Topic & Activities	Speaker
9.00 am – 10.00 am	Forth Lecture: Rock Tunnel Assessment	Ts. PGeol. Dr. Goh Thian Lai
10.00 am – 10.10 am	Q & A/ Short Break	Participants & Speaker
10.10 am – 11.10 am	Fifth Lecture: Tunnelling hazards: squeezing, rock burst etc.	Ts. PGeol. Dr. Goh Thian Lai
11.10 am – 11.20 am	Q & A/ Short Break	Participants & Speaker
11.20 am – 12.20 pm	Sixth Lecture: TBM in hard and soft ground	Ir. Syed Rajah Hussain
12.20 pm – 2.30 pm	Long Break	Participants & Speaker
2.30 pm – 3.30 pm	Seventh Lecture: Effects of tunnelling under an existing tunnel in clay	Dr. Gue Chang Ye
3.30 pm – 3.40 pm	Closing Speech	Moderator
	End of Course	

Disclaimer: Organiser has the rights to change the date and details of the course if deemed necessary.

**Geomechanics Tunnel Engineering
Short Course**