

# RECORDED WEBINAR TALK ON GEOSYNTHETICS FOR ROAD

*In Conjunction with World Engineering Day Celebration from 2<sup>nd</sup> March till 7<sup>th</sup> March 2026*

**DATE: 6 MARCH 2026 | TIME: 2:00 PM - 4:00PM**

BEM Approved CDP: 2 Hours Ref. No.: IEM25/HQ/232/T (w)

## Synopsis

This webinar talk explores the use of geosynthetics in modern road construction, focusing on subgrade stabilisation, pavement optimisation, and asphalt interlayers. Participants will gain insights into how geosynthetics improve weak ground conditions, reduce pavement thickness, and extend road lifespan by mitigating reflective cracking. Case studies and practical applications will be shared to highlight performance and cost benefits, making this session valuable for engineers involved in road design, construction, and rehabilitation.

## Speaker's Biodata



**Ir. Lau Joe Jiunn**

**Ir. Lau** received his Bachelor of Engineering with Honors BEng (Hons) First Class Honors from the University of Putra Malaysia. He is a registered Professional Engineer with BEM and ASEAN Chartered Professional Engineer. He is a corporate member of IEM and currently serving the Technical Division of Geotechnical Engineering (GETD) in IEM as a committee. Upon graduation, he served as a Design Engineer in the geotechnical division of a consultancy firm. His experience includes the design and construction of ground improvement work, shallow & deep foundation and basement, slope stability analysis, retaining structures, and highway alignment. Currently, Ir Lau is the Team Lead and Design Manager of Tensar International Limited, responsible for serving the EA region. He conducts workshops on the technical knowledge of geosynthetic applications, specialising in soil stabilisation and reinforced soil structures.

### Registration fee

**Student Member: Free**

**IEM Member: RM15.00**

**Non-Member: RM70.00**

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