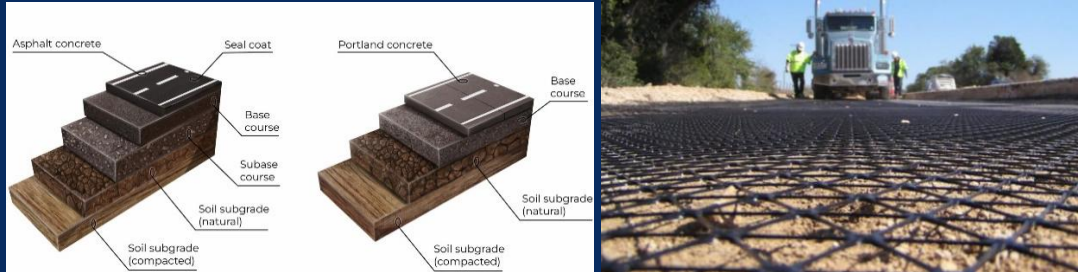




The Institution of Engineers Sri Lanka Queensland Chapter

Presents a Webinar on

“Future-Ready Pavement Design: Bridging Global Best Practices and Innovative Subgrade Reinforcement Techniques”



Date: Thursday, 27th March 2025

Time: 6.45 pm for 7.00 pm start (1.0 to 1.5 Hour Duration) – Brisbane time (GMT + 10)

Resource Persons:

Dr Jeffrey Lee is the National Pavements Lead at WSP Australia. With over 20 years of experience in Geotechnical and Pavement Engineering, Jeffrey has played a pivotal role in shaping national pavement strategies, optimising material use, and implementing cutting-edge technologies for durable and cost-effective road networks.

Dr Chamara Jayalath is a Senior Pavement Engineer at WSP Australia with over 8 years of experience in pavement design, construction, maintenance and research. Specialising in sustainable pavement solutions, and road rehabilitation, Dr Chamara has contributed to numerous successful infrastructure projects in Australia.



Synopsis: Pavement design is a critical aspect of transportation infrastructure, ensuring the durability, safety, and efficiency of road networks. This presentation introduces the fundamentals of pavement design in Australia, emphasising the structural composition and purpose of pavements in effectively distributing traffic loads. It highlights insights gained by Jeffrey during his International Knowledge Trips (IKT) in 2018 and 2023, where he explored innovative pavement design practices in Asia and the USA, focusing on sustainability and advanced preservation techniques.

This session will further examine the applications of sustainable pavement solutions presented by Dr Chamara Jayalath, who has extensive experience using geogrids for subgrade reinforcement. He will demonstrate how this technology improves pavement performance. The presentation aims to link global best practices with innovative research to inform the development of future-ready pavement solutions.

Please register your intention to attend this webinar by using the below link. Contact: Dareeju Biyanvilage on 0452521250 for more details.

<https://www.eventbrite.com.au/e/1256970144539?aff=oddtcreator>

The admission to the event is free and this is considered as a CPD claimable event for IESL and Engineers Australia. Delegates should check their individual scheme requirements.