



KSCSTE - National Transportation Planning and Research Centre (NATPAC), an institution of Kerala State Council for Science, Technology and Environment (KSCSTE) is a premier R & D institution in the country which works on multi – modal system of transportation covering road, rail, water, air, etc.

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TransPedia Research Talk Series

ABOUT THE TALK SERIES

NATPAC has been conducting a series of technical talks 'TransTech Talk Series', since February 2023, where industry experts and eminent researchers come together to discuss the latest advancements, challenges, and innovations in the field of transportation.

TransPedia Research Talk Series is yet another unprecedented and distinctive endeavor from NATPAC, envisioned to promote research for shared benefits, by disseminating knowledge on diverse topics from cutting-edge technologies to sustainable solutions. Desirably this also brings out a platform for young researchers across the globe to connect and interact to better shape the future of research and development in transportation.

ABOUT THE TALK # 15

Design of FRC Pavement with Experimentally Validated Design Fatigue Models

The application of Fibre Reinforced Concrete (FRC) for pavements offers higher performance and increased service life compared to Plain Cement Concrete pavements. However, systematic investigations of the performance under fatigue cracking (major distress observed in pavement) and design optimization are necessary for widespread adoption of this technology. The talk will focus on the development of design methodology for FRC pavements by integrating experimentally validated mechanistic-empirical models.

ATTENDEES

Transportation Professionals, Engineers, Urban Planners, Researchers, Industry Experts, Policymakers, Students, and anyone enthusiastic about the future of transportation.

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Natpac Trivandrum

ABOUT THE SPEAKER

Dr. Ajeesh K

Research Associate
Department of
Civil Engineering
Indian Institute of Technology
Palakkad



Dr. Ajeesh. K completed his PhD from the Indian Institute of Technology, Palakkad in 2024 under the supervision of Prof. Sunitha K. Nair and Dr. Veena Venudharan. His research focused on developing a design methodology for sustainable fibre reinforced concrete pavements.

30.10.2024, 11:00 AM IST

JOIN USING THE LINK:

<https://tinyurl.com/2xnapcd7>



Don't miss out on this opportunity to delve into the realm of transportation innovation. Join us for insightful conversations, connect with fellow industry professionals, and be part of shaping the future of transportation.