



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 # 16

#### "Development of Crash Conflicts and Assessment of Safety Performance Functions for Urban Roundabouts in Indian Context"

Road safety has become a significant global challenge, with a key emphasis on reducing fatal crashes in line with the Vision Zero initiative's goals. However, safety assessments of roundabouts under non-lane-based, heterogeneous traffic conditions remain limited. This talk explores the evaluation of safety aspects at roundabouts and their vicinity, focusing on crash and conflict analysis, as well as the influence of traffic and geometric characteristics within the context of Indian traffic conditions.

### 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

### Dr. Vinayaraj V S

Research Scientist,  
Department of Civil  
Engineering,  
Indian Institute of  
Technology Bombay



Dr. Vinayaraj V S completed his Ph.D titled "Development of Safety Performance Measures and Modelling Crash Risk for Urban Roundabouts" from IIT Bombay in 2024 under the guidance of Prof. P. Vedagiri. His expertise lies in the areas of road safety, traffic operations and management, and driver-pedestrian behavior modeling.

JOIN US:

28.11.2024, 02:00 PM IST

<https://tinyurl.com/transpedial6>



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.