



KSCSTE - National Transportation Planning and Research Centre (NATPAC), an institution under 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 # 1

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.

TOPIC OF TALK SERIES # 1

"Saturation Flow Estimation at Signalized Intersections with Multi-Class Traffic Streams"

It is seen that during green time, the queue discharge flow in non-lane-based traffic streams fluctuates unlike lane-based traffic, making it difficult to identify a prolonged steady period of queue discharge which is required to estimate saturation flow. This talk focusses on the research carried out to explain the fluctuations in discharge caused by mixed vehicle-classes based on Passenger Car Unit (PCU) and a model to estimate saturation flow from field data.

Attendees

Transportation Professionals, Engineers, Urban Planners, Researchers, Industry Experts, Policymakers, Students, and any enthusiasts interested in the future of transportation.

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Natpac Trivandrum

Dr. Remya K Padinjarapat

Research Fellow,
National University
of Singapore



Dr. Remya K P completed Ph.D from Indian Institute of Technology Bombay in 2021. Her research work was 'Estimation of Passenger Car Units at Signalized Intersections and Midblock Sections of Urban Roads having Multi-class Traffic Streams' under the supervision of Prof. Tom V Mathew, Department of Civil Engineering, IIT Bombay.

JOIN US:

24.08.2023, 12:00 PM IST

<https://tinyurl.com/TransPedia>



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.