



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 # 5

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 # 5

Resilience Mapping of Road Networks Using Traffic Data

Traffic operations vary drastically before, during and after natural disasters due to many reasons, such as the movement of affected populations, road failures, and heavy precipitation. The investigation of traffic operations during such disasters provides useful insights. In this talk, a data-driven method will be presented to identify the traffic fluctuations induced by a natural disaster on an urban traffic network by studying the characteristics of extreme travel time observations.

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. Srijith Balakrishnan

Assistant Professor
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Policy, and
Management
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Dr. Srijith completed Ph.D from University of Texas, Austin in 2020. His research work was 'Generic methods for characterization and quantification of infrastructure network resilience' under the supervision of Late Professor Zhanmin Zhang, University of Texas, Austin. Prior to joining TU Delft, Dr. Srijith was a postdoctoral researcher at Singapore ETH Centre.

JOIN US:

27.12.2023, 2:00 PM IST

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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.