



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.

Website: www.natpac.kerala.gov.in

Email: contactus.natpac@kerala.gov.in

TransPedia Research Talk #29

Dissecting Crash Causality: The Interplay Between Driver Behavior and Road Geometry for Highway Safety

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 #29

The talk mainly focuses on identifying primary contributors to the highway accidents. It addresses the causation dilemma, considering both driver behavior and physical road characteristics. The presentation covers the robust methodologies employed in the study, including naturalistic driving studies and driving simulations, to evaluate crash risk. The talk provides the framework for understanding how road design can interact with human factors to influence safety outcomes. Overall, the presentation offers insights for developing evidence-based solutions for both infrastructure design and driver education programs.

Attendees

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

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Dr. Tushar Choudhari

**Assistant Professor,
Centre for Transportation
Systems,
Indian Institute of
Technology Roorkee**



Dr. Tushar Choudhari completed his Ph.D titled "Runoff Risk Evaluation Using Vehicle Performance and Stability Measures along Horizontal Curves of Two-lane Rural Highways" from IIT Bombay in 2021 under the guidance of Prof. Avijit Maji. His research interests include Shared Mobility, Transportation Policy, Risk Assessment and Modelling, Driver Behavior Analysis, Highway Geometric Design & Safety, and Intelligent Transport System.

JOIN US:

31.12.2025, 11:00 AM IST

<https://tinyurl.com/Transpedia29>



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.