

Pavement Engineering - State of Practice

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Friday, 28 March 2025 10:00 am - 11:00 am (IST)

Join using the meeting link given below

<https://tinyurl.com/transtechtalk26>



ABOUT THE TALK :

Pavement engineering, a specialised field within civil engineering, is essential for designing, constructing, and maintaining safe and durable highway and airport pavements. This presentation examines current practices in pavement engineering across the U.S. and globally, with a focus on functional and structural pavement evaluation using advanced testing equipment, pavement management systems, design methodologies, and accelerated pavement testing. Attendees will gain insights into how U.S. transportation agencies collect and utilize roadway condition data to make informed, cost-effective decisions for maintenance and repair prioritisation.

KSCSTE - National Transportation Planning and Research Centre (NATPAC)

NATPAC is a premier research institution under the Kerala State Council for Science, Technology and Environment (KSCSTE), spearheading transportation research, road safety, and sustainable development initiatives to mitigate traffic and transportation challenges in Kerala. The Centre's expertise encompasses urban planning, highway design, intelligent transportation systems, inland water transport, traffic congestion management, and road safety enhancement, complemented by regular training programs for stakeholders, including engineers, enforcement agencies, and drivers.

Association of Transportation Professionals of Indian Origin (ATPIO)

Founded in 2004, ATPIO serves as a global forum for transportation professionals of Indian origin to address industry challenges, exchange ideas, and mentor young professionals. The association promotes knowledge and technology transfer between India and the world, supporting the advancement of transportation systems. ATPIO organizes workshops, seminars, and conferences to foster professional networking, collaboration, and capacity-building within the field.

ABOUT THE SPEAKER :

Salil Gokhale, Director of Consulting at Applied Research Associates, Inc. (ARA), leads pavement engineering projects across the USA and Canada. He holds a Bachelor's degree in Engineering from Government College of Engineering, Pune and a Master's in Civil Engineering from Pennsylvania State University, with an MBA expected from the University of Illinois at Urbana-Champaign in 2025. As a licensed engineer in Texas and Florida, he has 24+ years of experience in pavement evaluation, research, and management worldwide. He also collaborates with India's Central Road Research Institute (CRRI) on Accelerated Pavement Testing programs and actively engages with the Indian Roads Congress and Transportation Research Group.

As President of ATPIO, Salil has been an active member since 2005, serving in various leadership roles including Board Member, Treasurer, and Vice President.