



## INTERNATIONAL ROAD FEDERATION INDIA CHAPTER

### 6<sup>th</sup> Lecture on “Evaluation of Safety Performance of Road Infrastructure by Surrogate Measures”

Friday 27<sup>th</sup> September 2024 at 6:00 pm-7:30 pm

Venue : Seminar Hall No. 1, 2 & 3, Kamla Devi Block, India International Centre, Max Mueller Marg, New Delhi-110003



#### Prof. Indrajit Ghosh

Professor, Department  
of Civil Engineering, IIT Roorkee

**Dr. Indrajit Ghosh** is a Professor in the Transportation Engineering Group, Department of Civil Engineering, and a Joint Faculty in the Mehta Family School of Data Science and Arterial Intelligence, IIT Roorkee, India. He obtained his B.E. in Civil Engineering from IEST Shibpur, West Bengal, in 2003 and went on to complete his M.E. in Highway and Traffic Engineering from the same institute in 2005. He then pursued his MSc in Transportation Engineering at Wayne State University in Detroit, Michigan, USA, graduating in 2008, and subsequently earned his Ph.D. in 2010. To date, he has completed guiding 7 PhD and 36 masters students and is currently supervising 9 PhDs and 4 MTechs. Throughout his academic career, Dr. Ghosh has published more than 50 articles in prestigious international journals and presented 75 papers at leading conferences in both India and abroad.

Prof. Ghosh currently focuses on several key areas, including Road Safety Evaluation using the Traffic Conflict Technique, ML and DL applications in Transportation Engineering, Cyber-physical systems for Road Asset Management and Data-Driven Emergency Evacuation Planning and Management. He is an International Standing Committee Member of the Traffic Control Devices Committee (ACP55), Transportation Research Board (TRB), National Academies, Washington D.C., USA. He is a regular member of H-7: Road Safety and Design Committee of the Indian Roads Congress. He serves as a member of the Editorial Board for the Journal of Advanced Transportation, published by Wiley. Dr. Ghosh is a recipient of the Outstanding Teacher Award of IIT Roorkee in 2021. In 2022, he was awarded the DUO-India Fellowship (Professor) by the MHRD-ASEM DUO and subsequently visited Newcastle University in the United Kingdom as an Academic Visitor. Dr. Ghosh has been an active member of different International Professional bodies, namely, the Institute of Transportation Engineers (ITE), the American Society of Civil Engineers (ASCE), the Transportation Research Group (TRG) of India, etc.