



# WEEKEND

# TALK

WEEK – 76  
No Participation Fee



## On Safety Engineering, Management and Analytics (SEMA)

Conducted under  
“AZADI KA AMRIT MAHOTSAV”  
- 75 years of India’s Independence



### TOPIC: CRASH FREQUENCY PREDICTION MODELS

Centre of Excellence in Safety  
Engineering and Analytics (CoE-SEA)

Prof. J Maiti  
Chairman, CoE-SEA

Prof. O B Krishna  
Convener



**Dr. Srinivas S. Pulugurtha**  
Professor & Research Director  
Department of Civil &  
Environmental Engineering  
University of North Carolina  
Charlotte, USA

Dr. Srinivas S. Pulugurtha is currently working as Professor & Research Director of the Department of Civil & Environmental Engineering at the University of North Carolina at Charlotte (UNC Charlotte). He is also currently the director of the IDEAS Center at UNC Charlotte. He is a registered professional engineer (civil) in the State of North Carolina and a Fellow of the American Society of Civil Engineers (ASCE). He has experience and has worked in diverse fields of transportation, like traffic safety, active transportation, Intelligent Transportation Systems (ITS) and connected and automated vehicles, transportation system planning, Geographic Information Systems (GIS) applications, data analytics and visualization, traffic operations, Internet applications, artificial intelligence (AI) techniques, and operations research applications. His experience and knowledge in computer modelling and adaptation of emerging technologies are germane to the development of performance metrics, tools, and techniques for quantitative analysis of transportation systems to support decision-making. During his 27-year tenure as a researcher, he has led more than 83 sponsored projects/grants, authored/co-authored 230 peer-reviewed publications (including 120 journal papers), and made 290 technical presentations at international, national, regional, and local conferences. His research accomplishments were recognized with three "best research paper" awards. He is a member of several professional organizations, including ASCE, the Institute of Transportation Engineers (ITE), and the Transportation Research Board (TRB). He served as a member of several technical, scientific, and conference steering committees. He also served as the Faculty Advisor of the ITE Student Chapter from 2006 to 2016. Moreover, he served on five journal editorial boards.

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**Moderators:** Souvik Das (7384804020), Ashish Garg (7477514701), Sween Josco, Sinjana Choudhuri, IIT Kharagpur  
**Contact us:** coesea2020@gmail.com

**Date**  
Nov 11, 2022

**Time**  
08.00 pm - 09.00 pm (IST)  
09.30 am - 10.30 am (EDT)  
08.30 am - 09.30 am (CDT)  
06.30 am - 07.30 am (PDT)  
03.30 pm - 04.30 pm (CET)