

## Welcome Message from the Co-Chairs of ADVnet Workshop

We are honored to welcome you to the **Advances in Autonomous Driving and Vehicular Networks (ADVnet) Workshop 2026**, held in conjunction with the 18th International Conference on COMMunication Systems & NETworkS (COMSNETS) 2026.

This edition of the ADVnet workshop underscores the continued importance of Intelligent Transportation Systems (ITS), the convergence of cutting-edge technologies and communications in traffic management to improve the sustainability, efficiency, and safety of vehicular networks. The workshop brings together engineers, researchers, and practitioners from diverse disciplines to discuss the latest advancements in autonomous driving and vehicular networking.

ADVnet 2026 will feature two keynote talks by distinguished experts, *Dr. Suvin P. Venthuruthiyil from DromoLys, India and Prof. Pranamesh Chakraborty from Indian Institute of Technology Kanpur*. These keynote sessions will set the stage for a compelling program that blends theoretical advances with real-world applications. This year, a high number of quality papers were submitted to the workshop, and following a rigorous review process, 12 papers have been selected for oral presentation, while 14 papers will be presented in the poster session. The ADVnet 2026 technical program presents a broad overview of recent advances in autonomous driving and vehicular networks, spanning traffic operations and safety, learning-based vehicle control, perception and data-driven analytics, cybersecurity of connected vehicles, vehicular edge computing, and next-generation V2X communication systems. Together, these focus areas reflect the workshop's commitment to addressing both the technical challenges and the practical aspects of deploying intelligent transportation solutions.

We sincerely thank all the authors, speakers, reviewers, and participants for their invaluable contributions to ADVnet 2026. Your hard work and support have been essential in putting together a vibrant program. We also extend our appreciation to the COMSNETS organizers for providing a platform that fosters interdisciplinary collaboration.

We warmly invite all delegates to join the ADVnet workshop on 10<sup>th</sup> January 2026. We are excited about the interactive sessions and keynote talks ahead, and we look forward to an inspiring and fruitful workshop experience for everyone!



**Nipjyoti Bharadwaj**

Indian Institute of Technology Guwahati, India



**Sanhita Das**

Indian Institute of Technology Roorkee, India