



1st Workshop on

Intelligent Transportation Systems: with a focus on Bangalore Traffic Problem

IEEE ComSoc Bangalore organizes:

One day workshop on

5G in Intelligent Transportation Systems (ITS):

How 5G can Solve Bangalore Traffic problem

23 Nov 2018 @ Wipro, Electronics City

Our transportation systems are on the verge of a transformation as we make progress on autonomous vehicles, vehicle-to-vehicle (V2V) and vehicle-to-everything (V2X) communication infrastructures, and smart road infrastructures like smart traffic lights. However, many challenges stand in the way of this transformation. For example, Bangalore traffic is very well known to all of us. Challenge before us are numerous. Can we solve them? Can we bring and accomplish safe autonomous driving? How do we smoothen the crowded and ever increasing traffic? How can we make smooth flow of traffic, can we have safe driving? How do we achieve near-zero fatality? How do we optimize efficiency through intelligent traffic management and control of fleets? How do we optimize for traffic capacity during rush hours? Is there anything special that 5G technology offer? and many more. The workshop (organized by IEEE ComSoc Bangalore chapter) will try to address some of the issues and present various challenges and possible solutions. Join the workshop and listen from key industry experts. **We humbly invite all stake holders to join this workshop and address the issues.**

TOPICS of DISCUSSION

- *Keynote session*
- *Introduction to ITS and Some of the basic Challenges in Bangalore*
- *Proposal to improve traffic through Smart City project*
- *Available Technologies to improve Traffic*
- *5G and Solutions to improve traffic*
- *Proposed Architecture of ITS Reference Model*
- **Panel Discussion** – *Can 5G help improve traffic situation*

REGISTRATION FEES:

1,500/- INR

DISCOUNT:

- 25% for IEEE member and Student None IEEE member
- 40% for IEEE Student Member
- 20% EarlyBird (Before 01 Nov)

Register for the event: [link on](#)

[explara will be available soon.](#)

Contact:

navinkumar@ieee.org // anand.m@ieee.org // mohammed@ieee.org

Dr Navin Kumar (Amrita Univ) // Anand M (CDoT) // Subhas Mondal (Wipro) // Munir M (IEEE office)

IEEE ComSoc Contacts: Dr Dilip K (VP Reliance);
Dr Aloknath De (CTO Samsung Electronics)
<http://bangalore.chapters.comsoc.org/>

