



Two-day workshop on SMART CITIES

16-17 November 2018

Venue: Hotel Sterlings Mac, Bangalore

The urban sector across the globe, especially India, is evolving rapidly and bringing new challenges to city planners and administrators. In view of social and environmental changes, in urban sectors, civic bodies are directing development strategies towards “Smart Cities”. The primary objective of the “Smart Cities” is to improve citizens quality of life by providing core infrastructure – good governance, assured electricity supply, adequate water supply, efficient mobility and public transportation, sustainable environment, health & education etc.

A journey towards “Smart City” begins with transformation in governance, energy, health, education & transportation systems, citizens thinking & lifestyle, and availability & accessibility of information & communication technologies. ICT plays a vital role, to achieve sustainable “Smart City”, in development of scalable & seamlessly integrated structures/architectures for

- Smart Energy Management Systems
- Smart Buildings
- Smart Health Care
- Good Governance
- Smart Physical safety & Security

In this regard, IEEE PES Bangalore Chapter, IEEE Bangalore Section & IEEE ComSoc Bangalore Chapter are jointly organizing a two-day brainstorming workshop on “**Smart Cities**”.

The theme of the workshop is “Smart Cities: Focus on Green Energy, Governance and Health”.

The objective of this workshop is to create a platform where different stakeholders, like city planners, policy makers, social reformers & professionals from power, telecommunication, data analytics, IT and mobility sectors can share their perspective and deliberate on opportunities & challenges associated in advancement of smart cities. This workshop clearly articulates trends of Smart Cities in Karnataka & Pan India and how collaboration among stakeholders – Government, utilities, communities, public, etc., can expedite deployment of smart cities. As smart technologies acts as backbone for sustainable smart cities, great emphasis will be given on development & application of the technologies for improvement of living standards - smart healthcare, reduction in pollution, infrastructure overload minimization, green building initiatives, smart grids, smart lighting, smart homes, e-governance and effective coordination of all subsystems.

At the end of the workshop, the deliberations and suggestions, will be compiled in a white paper and submitted to Government and IEEE PES Head Quarters.

Tentative Schedule

November 16th, 2018

8.30 Onwards	Registration	
9.30 – 10:30	Inauguration Welcome address Address by Chief guest Keynote speaker	
10.30 – 11:00	Tea break	
11.00 – 12:45	Challenges in implementing Smart cities initiative in Karnataka/India- GoK/Smart city CEO Smart Cities: A Collaboration Between Government, Communities, Utilities and Business: Corporate perspective: IoT/Data Analytics/ Lessons from existing projects (case studies) Panel Discussion	
12.45 – 13:45	Lunch	
13.45 – 15:30	Green Energy Building/ Analytics in grid management RE for smart cities Panel discussion	
15:30 – 16:00	Tea break	
16:00 – 17:30	community initiatives (new buildings/retrofits for energy efficiency & reducing usage) Smart lighting/metering	

November 17th, 2018

8.30	Registration	
9.30 – 10:30	Smart Governance: Keynote Talk: Invited speaker	
10.30 – 11:00	Tea break	
11.00 – 12:45	Open governance & transparency Policies & architecture Cyber security Blockchain	
12.45 – 13:45	Lunch	
13:45 – 15:30	Smart Health:	
15:30 – 16:00	Tea break	
16:00 – 17:15	Demonstration of Smart cities project (5 projects) – Preferably by students	
17:15- 17:30	Valedictory	

Committees

General Chair:

Chair: Rajashekhar S

Co-Chairs: GKVR & Navin

Advisory: K Ramakrishna Sudeendra Koushik V. Suresh R. Nagaraja	Organizing committee Kishore AT Hariram Sateesh G. Mahesh Puneet Mishra
Technical committee Ravikiran. A Dilip – Comsoc Gurunath. G Dilip Paruchuri	Publication Committee: Panduranga Vittal

Registration link:

<https://in.explara.com/e/ieee-bangalore-two-day-workshop-on-smart-cities>

Registration Fee:

Non- IEEE Members: Rs 2500/- + GST (as applicable)

IEEE Members: Rs. 2000/- + GST (as applicable)

IEEE Student Members: 1600 + GST (as applicable)

For more details, contact

rajashekhar@ieee.org

gkvraju@gmail.com