

## **3rd National Seminar on Technologies for Smart Cities (NTSC 2021)**

Technology for smart city plays an important role in enhancing any country's socio-economic prosperity and it is one of the most growing and trending topic. The concept of smart cities pops up frequently in the context of urban development. The concept definitely has a positive flavour, but what does it actually mean? There is no unique definition for a smart city. A smart city is an urban development vision to integrate information and communication technology (ICT) in a secure fashion to manage a city's assets. These assets include local departments, Information Systems, Schools, Libraries, Transportation Systems, Hospitals, Power Plants, Water Supply Networks, Waste Management, Law Enforcement and other community services. Technology for smart city allows monitoring the happenings, evolving, and enabling a better quality of life in the city. Several concepts of the Smart city rely heavily on the use of technology; a technological Smart City is not just one concept but it is a combination of several technological developments to build a concept of smart city like Digital city, Virtual city, Information city, Intelligent city, and Ubiquitous city etc. This seminar focuses on paper presentations on the contemporary issues reflecting Smart Cities. The seminar intends to bring all academicians, researchers, and Engineers to come together and provide exposure to new endeavours and horizons made in meeting challenges. The seminar is also open for students to present their views and ideas in the form of paper presentations.

Major theme of the seminar being recent advances in SMART CITY, Papers are invited on contemporary issues reflecting Smart City. The themes are related to following fields.

- E- Governance and Citizen Services
- Waste Management
- Water Management and Conservation
- Energy Management and Conservation
- Urban Mobility
- Tele Medicine/Tele Education Centers Affordable Housing
- Robust IT Connectivity
- E-governance and Citizen Participation
- Safety and Security of Citizens
- Health and Education
- Economic Activities and Livelihood Opportunities
- Improving Quality of Life
- Clean and Sustainable Environment
- Smart Solutions for Smart Cities

### **Chairman**

Prof. (Dr.) Ranjeet Singh Tomar  
Dean, SOET, ITM University Gwalior

### **Convener**

Prof. (Dr.) Mukesh Pandey  
HoD, Dept. of CE/ME, ITM University Gwalior

### **Chief Guest**

**Dr Sri Niwas Singh** Professor & Head , Department of Electrical Engineering, Indian Institute of Technology Kanpur, He was Vice Chancellor of Madan Mohan Malviya University of Technology Gorakhpur during April 2017 to July 2020. Prof Singh became first Asian to receive 2013 IEEE Educational Activity Board Meritorious Achievement Award in Continuing Education

### **Guest Of Honour**

Dr. M. N. Murty Professor Rtd., Institute of Economic Growth, Delhi-University Delhi-  
He was a consultant for World Bank and Asian Development Bank. His main research area is Environment and Resource Economics. He has published 10 books including 6 books in Environment and Resource Economics.

**Prof. R Sahu** is Director at the ABV IIITM. Dr. Sahu has done his PhD from IIT, Kharagpur after completing his M.Sc. (Engg.) and MIM. He has been associated with prestigious projects in the past, and has also published about 90 papers in his areas of proficiency and interest.

### **Speakers**

**Dr. Tapan Jain** Head (ECE) Indian Institute of Information Technology, Nagpur. Got his PhD from Jaypee University of Information Technology, MTech from College of Engineering Pune. Specialties: Teaching in Digital Signal Processing, Signals and Systems, and Digital Electronics

**Dr. Anuj Jaiswal** Assistant Professor MANIT Bhopal **Specialization** in Architecture & Transportation Planning. Total Experience of 9 years. He is Member Council of Architecture, India, Institute of town planners of Indian, New Delhi, Institute of Urban Transport, New Delhi,

**Dr. M. N. Murty Professor Rtd.**, Institute of Economic Growth, Delhi-University Delhi-  
He was a consultant for World Bank and Asian Development Bank. His main research area is Environment and Resource Economics. He has published 10 books including 6 books in **Environment and Resource Economics**.

### **Jayati Singh IAS (CEO)Smart city Gwalior**

Jayati Singh IAS did her schooling from city Montessori school, Gomti Nagar branch, Lucknow and pursued engineering from IET (institute of engineering and technology Lucknow followed by MBA. Later on, joined the bank but left it and prepared for civil services. She got 94th rank in IAS. Her husband also is an IAS and father the executive engineer.

