

National Seminar on Technologies for Smart City 2020



2nd NATIONAL SEMINAR ON TECHNOLOGIES FOR SMART CITY

JANUARY 24, 2020



IN ASSOCIATION WITH



SCHOOL OF ENGINEERING & TECHNOLOGY

NTSC-2020

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ABOUT NTSC-2020

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 flavor, but what does it actually mean? There is no unique definition for a smart city. The interpretations and definitions used by different interest groups, stakeholders and regions vary. The impression is often that a smart city is the same as a digital city, and sometimes its meaning is close to that of a sustainable 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. A smart city is promoted to develop urban informatics and technology to improve the efficiency of 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 endeavors 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.

AIMS AND OBJECTIVES OF NTSC 2020

The seminar would attempt to identify, document and explore the research being undertaken on smart city. It would serve as a common platform to discuss the issues, problems and challenges related to all aspects of smart city.

KEY THEMES OF THE SEMINAR

Major theme of the seminar being recent advances in SMART CITY. Papers are invited on contemporary issues reflecting Smart City and set examples to be replicated both within and outside the Smart City and catalyze the creation of similar Smart Cities. 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
- Incubation/Trade Facilitation Centers
- Assured Water and Electricity Supply
- Sanitation and Solid Waste Management
- Efficient Urban Mobility and Public Transport
- 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
- Communication Systems
- Recycle, Re Use and Rebuilt Systems
- Vehicular communication for Smart Cities
- Intelligent Transportation System
- Cooperative and Autonomous Driving System in Modern Cities
- Hybrid Technologies for Vehicular Communication

Following list of suggested topics is only suggestive. Empirical papers with focus on contemporary issues reflecting smart cities are welcome.

GUIDELINES FOR THE PAPER SUBMISSION

The manuscript of the full paper in MS word format should reach us on or before January 20, 2020.

The electronic submissions can be mailed to:

ntsc@itm university.ac.in with subject line as NTSC-2020 "National Seminar on Technologies for Smart City". For details visit:
<http://www.itmuniversity.ac.in/NTSC20120>

PUBLICATIONS

The seminar proceeding/souvenir will be published by ITM University Gwalior



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ABOUT GWALIOR

Gwalior is a historical city in the heart of India, situated in the state of Madhya Pradesh. The Ancient Indian Classical School of Music "Dhrupad" was fine-tuned here and spread to various parts of India to acquire local flavours. Known as "The City of Music", the legendary musician Tansen also belonged to Gwalior and became one of the nine Jewells of Emperor Akbar's court. Tansen innovated many complex & beautiful 'Ragas'.

The city has perhaps the richest musical tradition among all the cities in this great country starting from Tansen, Baijubabra, Hassukhan, Haddukhan, Krishnarao Pandit, Bala Saheb Puchhwale, Chote Bhayya Puchhwale, Bande Ali Khan, and Shankar Rao Pandit and to come to the living legends Mallini Rajurkar, Ustad Amjad Ali Khan, the list is endless.

Gwalior has beautiful large Fort Palace built during Tomar dynasty who was connoisseurs of Art & Music. Exquisite stone works can still be found here inspite of immoral plundering by vested interests. Agra is 110 kms from Gwalior and 1½ hours journey by express trains and is easily reachable to Tajmahal. Khajuraho group of temples depicting all facets of life is 4 hours journey by road. Mitawali & Padavali has a group of 108 ruined of temples and is 20 kms from Gwalior. Orchha is 100 kms from Gwalior and is a treat for weekend trips as the village still carries old time feel with palaces, temples, cenotaphs and ruins along the banks of Betwa River.

Modern Gwalior is new educational hub and a bustling city with a population of over 1.6 million. It is centrally located 317 kms from Delhi and 400 kms from Bhopal. It is well connected with Delhi, Bhopal, Indore, Mumbai, Pune, Chennai, Bangalore and Hyderabad by trains, road and by air from New Delhi and Jabalpur.

ABOUT THE ITM UNIVERSITY

ITM University is a multidisciplinary university known for its quality of research and teaching across the academic spectrum, with subjects spanning the Sciences, Engineering, Management, Education, Pharmacy, Library Science, Commerce, Agriculture, Medical, Nursing etc. It is at the forefront of learning, teaching and research and Leader in many different fields. It seeks to sustain and enhance its excellence as an institute of higher learning through outstanding teaching and world class societies they serve.

Highly awarded for its academics

"Best University Providing Placements & Entrepreneurship in India" by Chief Guest Prof. (Dr.) Ram Shankar Katheria, Hon'ble Minister of State for HRD, Govt. of India in 9th ASSOCHAM Education Summit & National Excellence Awards February, 2016 • "Best Innovative University" by Chief Guest Padma Vibhushan Dr. Karan Singh Ji, ASSOCHAM National Education Excellence Awards in Feb. 2014. • "Best Private University Serving Social Cause by Enhancing Employment Opportunities" Awarded in 2013 by Dr. M.M. PallamRaju, Minister-hrd, Govt. of India, selected by a process and Jury approved by Planning Commission of India & ASSOCHAM • Awarded in Feb., 2013 "Most Promising University of North and Central India - (One Planet Research)" • ITM School of Business - 9th position in north zone (Silicon India Survey-2013) • University, B-School & Engineering College Ranked at 7th position in the country - (ICMR Survey 2012) • One of the Five Most Promising Universities of India (India Today Aug. 2012) • Awarded in December 2012 "Best University of Central Northern India." • Awarded in December 2012 "Best University of Northern, Central & North East India." • Awarded in March, 2012 "Best Upcoming Private University in India" by Brands Academy, Singapore • Accredited by IAO, (International Accreditation Organization) USA • Ranked among top 40 B-Schools of India (only one in the region)-Outlook.

ITM UNIVERSITY GWALIOR

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E-Mail : ntsc@itmuniversity.ac.in, Website : www.itmuniversity.ac.in

Disclaimer: ITM University Gwalior has no connection with any other University with the similar name any where else in India.



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"CELEBRATING DREAMS"



Invitation

Respected Sir/Madam,
We feel immense pleasure to inform you that the
Department of School of Engineering & Technology
is Organizing

A
**2nd NATIONAL SEMINAR ON
TECHNOLOGIES FOR
SMART CITY**

JANUARY 24, 2020 | 10:00 AM

Venue : Madhu Limaye Seminar Hall, J.C. Bose Block,
ITM University Gwalior, Turari Campus

We feel honored to invite you for the Seminar.
We would highly appreciate your gracious presence to
make the seminar successful and fruitful.

Rajendra Singh Rajput
Organizing Secretary
NTSC-2020

SCHOOL OF ENGINEERING & TECHNOLOGY
ITM UNIVERSITY GWALIOR (M.P.)

IN ASSOCIATION WITH





