Elets' 21st Smart City Summit Pondered Innovations in Smart Cities

The day-long summit jointly organised by Lucknow Municipal Corporation and Lucknow Smart City Limited, in association with Elets Technomedia Private Limited-a technology and media research company-was held in Lucknow on August 17. State officials from various cities selected under the Smart Cities Mission discussed best practises, smart and integrated transport, IT and Electronics, e-governance and innovations in Smart Cities, during the Summit. A roundtable discussion chaired by Suresh Kumar Khanna, Uttar Pradesh's Minister of Urban Development and Parliamentary Affairs, was also held at the Summit.

Dr Priyanka Soni, Commissioner, Karnal Municipal Corporation also took part in the Summit. International experts shared their vision and work on Smart Cities during the Summit. These included Jan Luykx, Ambassador, Embassy of Belgium and Dinah McDougall, Commercial Officer, Embassy of the United States of America. This was the second Smart City Summit held in Lucknow and, the 21st such Summit organised by Elets.

Suresh Kumar Khanna, Minister of Urban Development and Parliamentary Affairs, Uttar Pradesh, inaugurating the Smart City Summit, Lucknow

"

We want to make the entire State of Uttar Pradesh smart. But due to scarcity of resources we are making Smart Cities in phases. We are making policies to provide 24X7 drinking water supply, Aadhaar based facilities to the citizen, uninterrupted power supply and good job opportunities. We have created Swachh Bharat Samitis to drive the Swachh Bharat Mission of the Government of India. We invite policymakers and industry giants to participate in this Mission.

"

SURESH KUMAR KHANNA
Minister of Urban Development and Parliamentary Affairs, Uttar Pradesh

Suresh Kumar Khanna, Minister of Urban Development and Parliamentary Affairs, Uttar Pradesh, and other dignitaries launching the 150th issue of eGov magazine.

INAUGURAL SESSION

PRAVIR KUMAR

Chairman, Board of Revenue, Government of Uttar Pradesh

Technology has played an important role to manage land records in an efficient way. It is helping us to maintain transparency and reduce corruption from the system. Now by a single click, anyone sitting in any part of the country can get the details of the land. It has decreased the requirement of manpower and also the lengthy process of land registration and land records.

AJAY MISRA

Special Chief Secretary
Energy Department, Government of Telangana

We are focusing on energy security and sustainability. Energy security means providing 24X7 power supply to all. In the last three years, we have made efforts to provide 24X7 power supply to the urban areas. We want to provide uninterrupted power supply to the agriculture sector as well. We are now emphasising on creating such a model where people can conserve electric power. This can be made possible with the increased use of renewable energy.

UDAYRAJ SINGH

Commissioner, Lucknow Municipal Corporation & CEO, Lucknow Smart City Limited

A Smart City is a combination of various components to provide better livelihood to its citizens. A Smart City has facilities for 24X7 power and water supply, proper sanitation and cleanliness, smart infrastructure, smart health and education. The citizens also should take responsibility to make their city components smarter.

Suresh Kumar Khanna, Minister of Urban Development and Parliamentary Affairs, Uttar Pradesh, being felicitated by the officials

JAN LUYKX

Ambassador, Embassy of Belgium

Belgium cities have traditional road infrastructure, sewage system, drinking water system, electricity distribution, water collection etc . In the recent years, with the development of new technologies, renewable energy and waste treatment, we are also putting emphasis on importance of education for the citizens because we cannot have a Smart City without smart citizens.

DINAH MCDOUGALL

Commercial Officer, Embassy of the United States of America

India can successfully make Smart Cities because it has industrial corridors where industrial clusters can be developed in conjunction with the residential area. The US Embassies in India are involved in a number of projects under the US-India Smart Cities Collaboration. It started in 2014 when Prime Minister Narendra Modi invited us to be a part of the Smart Cities Mission.We have adopted three cities namely Visakhapatnam, Allahabad and Ajmer to help them become smart.

SPECIAL ADDRESS

DR JAGDISH GANDHI

Founder-Manager, City Montessori School

While we develop our city in line with the Smart Cities concept, it is important to develop schools hand-in-hand with other infrastructure because change is possible only through education. An educated child will determine the development of the country and the development of a child begins at school.

Delegates at the Summit

INTERNATIONAL EXPERIENCE & COLLABORATIONS FOR BUILDING SMART CITIES

PROF SHEEL NUNA

Director, Queensland University of Technology, Head, Australian Consortium on Smart Cities

Smart City envisages that it will continue to take care of the requirement of economy and jobs which ultimate lead to the cities becoming more accessible and liveable and encourage innovations in creating jobs and growth.

Session on International Experience & Collaborations for Building Smart Cities.

HARSHITA BHATNAGAR

National ICT Expert, Asian Development Bank at Smart City Summit, Lucknow 2017

Seven countries are part of the South Asia Subregional Economic Cooperation (SASEC) programme of the Asian Development Bank. Launched in 2001, its first phase got over very recently. The aim of this project is to improve regional prosperity, and build a better quality of life.

Policymakers and industry leaders discussing various Smart Cities initiatives.

BEST & NEXT PRACTICES OF SMART CITIES ACROSS INDIA

DR PRIYANKA SONI

Commissioner, Karnal Municipal Corporation

We want to develop Karnal as a research and business city. We also want to develop our infrastruture. We have plans to provide housing for poor. We are also going to restore the Karan Taal.

QUMMER UL ZAMAN CHOUDHARY

Additional CEO, Udaipur Smart City Limited

Udaipur intergrated infrastructure project takes care of smart metering, smart water supply system etc. We are also focussing on utilities ducts to be developed on a PPP mode. We have 2-3 road connectivity project as well.

SHREYA GADEPALLI

Regional Director, Institute for Transportation and Development Policy (ITDP)

Metro rail should be connected with BRT corridors. Smart fare collection and level boarding should also be introduced in Smart Cities. To counter the growing menace of traffic, we need to increase public transportation. We need to invest in 870 kms of streets which have footpaths, cycling facilities etc, 400-600 buses for a million people and 20-30 kms of rapid transport per million population.

GEORGE KURUVILLA

Chairman & Managing Director, Broadcast Engineering Consultants India Ltd (BECIL)

We are implementing access control for 44 airports in India. We are also doing CCTV monitoring and access control for 11 raillway stations of Kolkata. BECIL is a PSU owned by the Ministry of Information and Broadcasting. We have done braodcast projects like the Lok Sabha TV, Rajya Sabha TV, the private FM radios etc.

SUSTAINABLE WASTE MANAGEMENT AND INTELLIGENT TRANSPORT SYSTEM FOR BUILDING SMART CITIES

RAMESH CHIDURA

Joint Transport Commissioner, Government of Telangana

"We take pride to have launched a mobile-based RTA m-Wallet application with 14,74 lakh registered users — providing better facilities to the people in Telangana. It is the only app selected in the top 100 apps which iOS ranked at 23 and Android at 54."

P K SRIVASTAVA

Additional Commissioner, Lucknow Municipal Corporation

"Smart Cities Mission objectives can only be achieved through behavioural change, public participation and support, with a sense of responsibility towards the development of society. For a population of 32 lakh we have only 6,000 sanitation workers. There is a continuous problem of migration here. We developed Kanha Upvan six years ago. Now people are using it for cattle grazing.

H S GAUBA

CGM (Operations), Uttar Pradesh State Road Transport Corporation(UPSRTC)

"The UPSRTC has introduced air-conditioned 'Pink Buses' just for women, in view of their safety. The department is in the process of increasing the number of such buses in the State."

SPECIAL ADDRESS ON GST

MUKESH KUMAR MESHRAM

Commissioner, Commercial Taxes Department, Government of Uttar Pradesh

"In all, the total tax incidence was very heavy due to cascading effects of taxation. To reduce these cascading effects, through deliberation and discussion in the last 11 years the idea of introducing GST (Goods and Service Tax) in this country was conceived."

LEVERAGING IT & EGOVERNANCE, DRIVING SMART CITIES MISSION

B K JAIN

GM – MIS, Uttar Pradesh National Health Mission

"One of the major initiatives UPNHM has undertaken is the development of Drug Vaccine Distribution Management System software through which one can check the availability of various medicines in hospitals."

Delegates felicitated at the summit

SHAILESH KUMAR SRIVASTAVA

Technical Director, National Informatics Centre
Ministry of IT, Government of India

"To check the entire election activities, we have developed four websites —Samadhan, Sugam, Suvida, EPDS, PDMA —and seven mobile-based applications to manage the entire 14,000 crore voters, 1.5 lakh polling stations, and 403 +1 nominated Assembly."

DILIP KUMAR TRIPATHI

Gram Pradhan, Hasuri Ausanpur, District Siddharth Nagar, Uttar Pradesh

"I thought, if a city can be smart then why not a village? We started developing a village to make it smart. We improved drainage, put up electricity poles and LED streetlights, installed Wi-Fi and security cameras, introdcued smart classes, improved public address system and established common service centres for this project."

INDUSTRY PRESENTATION

SURESH SHAH

Chairman, eSmart Energy Solutions
Private Limited

To make the entire nation smart, we have to put in efforts to make villages smart along with the Smart Cities. Lighting is playing an important role in making the cities smart. Smart lighting is a very important component of Smart Cities.

Delegates at the summit.

GOVIND SINGH CHAUHAN

Executive Director, ABM Knowledgeware

E-governance is the basis of all the Smart Cities. It is the binding factor of all the stakeholders of Smart Cities. Real implementation of reforms are required at the Municipality level. Today, a lot of technology enablers are available. Earlier, automation used to happen at the office level. But now, the automation can happen wherever the action is happenning.

SAMEER ADVANI

Manager System Engineering, Fortinet India

We are working very closely with the Smart Cities projects. Fortinet India is providing security solutions to Nagpur Smart City. They are multi level protection solutions for the data centre as well. Today, the biggest threat is the Ransomeware. There are Trojans which are not known to us and the solutons will protect you from the trojans which are only known to us. For such threats, we have a technology called Advanced Persistent Threats which we we are pioneering.

NARENDRA JOSHI

Director, Convexicon Software Solutions India Pvt Ltd

"We have developed an app —integrating GPS, GIS, Android, RFID, solutions —for the Municipal Corporation and the citizens that tracks every activity happening towards Swachh Bharat Mission. It is being used by South-Delhi Municipal Corporation and Municipal Corporations in Hyderabad."

ANUJ RAJ

Circle Head, HDFC Bank

As a part of Smart Cities, we want to provide banking connectivity to all. We are offering one card-one city concept for these cities. The card can act as a photo id and can be integrated with Aadhaar and PAN card. Mobile app can be used to link wallets or the accounts to make the payments. We can also use this app to push notices for the Smart Cities.

GIRISH SHARMA

Deputy General Manager – Products and Services, Netmagic

All the Smart Cities data are getting stored in Cloud. Cloud and data centres will become brain of the smart cities soon. We are the Cloud and data service provider for the Smart Cities. We are associated with many Smart Cities programmes.

RITESH BARANWAL

Area Manager, Exide Industries Limited

"Batteries play an important role in the Smart Cities Mission —in the development of IT, data centre, transportation, hospital, industry —requirement of batteries will be there."

PRASHANTH

Co-Founder & Director Sales, Instasafe

"Cyber Security has become an integral part of National Security. Many incidents of hacking are happening around the world and India is not spared. 89 per cent of these breaches have happened as there is money involved, 63 per cent of data breaches have happened because of default restore of password."

ULHAS V PARLIKAR

Deputy Head, Geocycle India

We are using segregated combustible fractions like leather, rubber, tyre as a fuel and raw material. It does not effect the environment in any way. We are trying to utilise things which get into the dumpyard. To achieve the goals of a Smart City, segreation of waste is the key. Zero waste at the landfills can be achieved by utilisiing the waste management hierarchy.