CONFERENCE REPORT

elets
SMART CITY SUMMIT
CONFERENCE | EXPO | AWARDS
UTTAR PRADESH | LUCKNOW
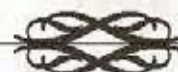**30 NOVEMBER 2016**

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Smart City Summit Uttar Pradesh—Pondering Challenges And Solutions

Elets Technomedia Pvt Ltd., along with the Lucknow Municipal Corporation and the Department of Transport, Government of Uttar Pradesh organised day- long smart city summit Uttar Pradesh 2016 - a national summit on urban infrastructure, IT, transportation, healthcare and skill development in Lucknow.

The Summit aimed at creating a platform for the key stakeholders to brain-storm important issues related to smart cities, smart and integrated transportation, IT, electronics, startup and eGovernance, energy and power, safe and secure cities, skill development, smart healthcare, and explore solutions to enlarge the smart city ecosystem as well as explore maximum potential of the projects undertaken for a digital and smart Uttar Pradesh.

Here is a detailed report of the Summit »

" There is an app for knowing the arrival and departure time of roadways buses in Uttar Pradesh. App is embedded with real time GPS where you can find the location of your bus. We have already given orders to destroy vehicles that are 10 to 15 years old. When public transport is used more, personal vehicles become less in use and traffic problem decrease."

K RAVINDER NAIK
Transport Commissioner,
Government of Uttar Pradesh

Smart Transportation and Infrastructure for
SMART CITIES

" We are trying to provide free wi-fi service in Lucknow and also trying to make it viable so that revenue is also generated. We are trying to separate sewer and drainage and to make it a success we require citizen engagement. To decrease the level of pollution in the city we need to increase the number of non motorised vehicles. In this regard, e -rickshaw initiative is excellent."

P K SRIVASTAVA
Additional Municipal
Commissioner, Lucknow
Municipal Corporation

WE ARE TAKING initiatives for the safety of the drivers and vehicles and how people can observe traffic rules safely. We are also formulating processes where people are fined for traffic violations but are not inconvenienced. Also we are trying to decrease the commuting time of people in the regional transport offices.

C S KUMAR
Commissioner Transport,
Government of Odisha

EVERY CITY is struggling with the transportation congestion. To address the issue, the concept of smart city has been initiated by our Prime Minister Narendra Modi. It increases the economic vibrancy of the city along with the quality of life. Every corporation should have a Supervisory Control And Data Acquisition (SCADA) system. They should be monitoring all the services too.

HIMANSHU CHANDRA
Assistant Director, Regional Centre
for Urban & Environmental Studies
Lucknow (RCUES)

GOVERNANCE IS THE key to make a city smart because that is where the decisions are taken. We did a study in DIKW which stands for Data, Information, Knowledge and Wisdom. We have developed a tool called Local Area Envisioning Sustainable and Scoring System. This tool was developed in Australia and it has won many awards in India. It is a good system for coordination within the city. It allows different arms of an administration to work together.

DR. ARVIND VARSHNEY
Director, Innovation and Knowledge
Management, CCPS India

WE ARE CONSISTENTLY working with the government to come up with innovative categories to solve the Indian mobility problem. Ola share is coming soon. We have developed Ola shuttle on the shared mobility front. We have Ola Auto and Ola e rickshaw. We have clearly proved that we can co-exist with the existing infrastructure. We have come with broader technologies for partners.

DEEP SINGH
Business Head – North, Olacabs

Importance of Skill Development for Smart City Ecosystem and Smart Education to revitalise the

EDUCATION SYSTEM

WE WERE THE first one to create a separate department for skill development. We have made association with 350 government and private partners. We have signed Memorandum of Understandings with big corporates like Maruti, Lava, Intex, Cafe Coffee Day to name a few. In a short span of two and a half years, we have been able to create a mark in the skill industry. We have been awarded by the Government of India also.

RAJESH KUMAR
Mission Director, Uttar Pradesh Skill Development Mission

COMPANIES LIKE MICROSOFT, Apple have really helped us to ensure that we can deliver education in a better way. We can see clearly what children require. We cannot confine education to whatever we have learned. Our future generations need to learn much more than what we are learning right now or what we have learnt in the past.

ANURAG VIJ
Founder and Director, Chintel Schools, Kanpur

I BELIEVE THAT skill development and education go hand in hand. We have been giving education from our perspective. It is high time that we received from their end also. Skill development should start from the school end only so that skills can be developed properly and we are able to build a smart India.

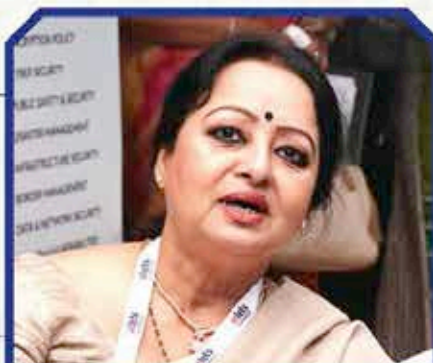**SG MISHRA**
Principal, Delhi Public School, Lucknow

AS A SOCIETY, education needs to be imparted. Indians have technical skills and brilliant mind but somehow they lack the presentation skill. Our focus should be on bridging the education gap. Using technology in connecting the villages is important so that at least one teacher is available to one village.

AKHIL SHUKLA
Executive Director, Rameshwaram Institute of Training and Management, Lucknow

SMART CLASSES HAVE really helped children. Earlier, preschoolers used to cry while leaving their homes but now they come happily to school to be a part of the smart classes. It has become a fun class. We should give more emphasis to preschools and have lots of playgrounds for children.

SHOBHA SINGH
Principal, Early Childhood Learning Center, Lucknow

THE HOLISTIC DEVELOPMENT of a smart city should be done keeping in mind the citizens of the city. Education and skill are not two different things. They are one and skill should not be imparted only to those who are dropouts from the school. Skill can be imparted right from the senior positions in the government in the corporate sectors to the middle level management and even to an ordinary person.

SHILPI SAXENA
Advisor – HR, Karvy Stock Broking Limited

42 SKILL SECTORS in association with the industry have found out the gaps and the requirement of the industry. Uttar Pradesh skill development department has given us an opportunity to find the gaps in between and train children. We are training children according to the needs of the industry so that they can find jobs easily.

RAMA KANT DWIVEDI
GM– Projects (Training and Skills Development), Orion Security Solutions Pvt. Ltd.

THE GOVERNMENT HAS taken up this initiative to offer the services in terms of skill development and make sure that we offer it to the candidates and provide better environment as well. In the next couple of years, government is coming up with new initiatives and the present framework will surely create value to the existing system.

ANIL DAHIYA
AVP- Skill development and education, Sahaj e-Village Limited

Importance of IT, e Governance and mGovernance for Government

SERVICE DELIVERY

DIRECT BENEFIT TRANSFER (DBT) is the key to providing e governance to citizens. We are providing DBT through JAM trilogy i.e. Jan Dhan, Aadhaar and Mobile. The Government of India has decided a set of new schemes which should be provided thorugh DBT by the end of this financial year. We need platforms like this to evolve because here we are able to exchange lot of ideas from the government sector, PSUs and even the private sector.

PEEYUSH KUMAR
Joint Secretary, DBT, Government
of India

WE ARE IN the whole area of broadcasting. Be it TV, radio, cable TV, direct to home etc. Two years ago, we did a big project of electronics media monitoring centre for the Ministry of Information and Broadcasting. We installed a set up to monitor 600 licensed channel. It was the largest set up in this world.

GEORGE KURUVILLA
Chairman and Managing Director,
Broadcast Engineering Consultants
India Limited (BECIL)

WE HAVE REPLACED the manual ticketing system by providing handheld electronic ticketing machines in all the buses. We have started Lohia Bus Service in which 1,000 new buses have been added. We have decreased the fare of public transport by upto 25 %. We have also started janrath bus services which can be booked online, are air conditioned and have wi-fi and onboard entertainment services.

**MRITYUNJAY KUMAR
NARAYAN**
Managing Director, Uttar Pradesh
State Road Transport Corporation

WE PROVIDE TRINING to the students who are coming from the educational institutions and make them compatible with the industry requirements. We provide three types of activities. First one is educatiobn and training. Second one is examination and certification and third one is technical support to manpower to roll out the egovernance services in Uttar Pradesh.

A K D DWIVEDI
Executive Director, National Institute of Electronics and Information Technology (NIELIT), Gorakhpur

WE ARE TRYING to install electricity meters under the smart grid which would communicate with you and with us also. We will be able to cut load through remote and even take reading without hving to visit the meter itself. For energy management, KESCo has done feeder metering, transforning metering through which we are able to access that where can theft of ectricity can happen. We have made micro grid, automation of substations, underground cabling. At every electricity station we plan to provide connections for E rickshaws where they can be charged without them having to steal the electricity.

RADHEY SHYAM YADAV
Director (Technical), Kanpur Electricity Supply Company (KESCo)

Healthcare Innovations in Uttar Pradesh and
eHEALTH IN INDIA

THE BASIC OBJECTIVE of providing IT based initiatives should be to provide information to patients. We should ensure electronics delivery of services to our citizens. Proper information should also be provided to the decision makers. When we are providing services in public private partnership model, ICT plays a major role in facilitating contract management.

ALOK KUMAR
Mission Director, National Health Mission, Government of Uttar Pradesh

FOR IN PRINT identification, we print a bar coded wrist band with labels to every patient who is admitted to the inpatient system which gives us a bed statistics for any period we want. CT scan images are uploaded directly to the patient's record. All the data from dialysis machine goes directly to the patient's record.

PROF. ASHISH WAKHLU
Secretary IT Cell, King George's
Medical University, Lucknow

THERE IS A great deficit in the medical reconciliation. If we can have some system in place within the digital technology, the real time reflection of bed availability it will save lots of hassles and lives as well. We can even think of bed sharing. Sometimes hospitals have vacant beds where in we can use peripheral bed concept. It can create bed out of nowhere. It only calls for the commitment to the cause.

DR. RAJESH HARSHVARDHAN
Associate Professor, DHA, Advisor to
Director and Nodal Officer, SGPGIMS,
Lucknow

OUR HOSPITAL INFORMATION system is totally integrated, patient centric and it provides all the solutions for the clinical activities of the patient. Our topmost priority is the patient's care and safety. Sahara hospital is one of the few hospitals in Lucknow which has a pneumatic tube system. This is a system by which we transport the patient's sample from any station to the lab.

DR. COL. RANDHEER PURI
Medical Superintendent, Sahara
Hospital, Lucknow

WE ARE INTRODUCING the m-health i.e. The mobile health. You can upload your daily charts on the mobile app itself. ECG can be done at home and be uploaded on the mobile. Same is with blood pressure or blood sugar. This is what medics as a hospital is bringing to your city.

DR. MAYANK SOMANI
CEO, Medics Super Speciality Hospital,
Lucknow

ANDHRA GOVERNMENT HAS initiated a medical devices park which is going to come in Vishkhapatnam in 270 acres. This park is very unique because we are going to build an ecosystem in India to set up such industies which are not here. Currently 80 % of the medical equipment is imported in India and this adds to a huge cost to the exchequer. We are trying to develop Indian manufacturers, the middle scale industry in this segment to come up where all the facilities will be provided to them.

JUDISH RAJ
VP (Planning), Andhra Pradesh
MedTech Zone

Technological Intervention in Schools for result -based
OUTCOME

ARUNABH SINGH
Director, Nehru World School,
Ghaziabad

THE UP GOVERNMENT has distributed 14,35,315 laptops till now. This doesn't include the laptops they plan to give out this year. They are actually enabling students through these devices. The message which the state government is trying to give by recruiting more teachers and 'Shiksha Mitra' at schools is that education quality needs to be improved at every level.

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