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elets 25<sup>th</sup> Smart City  
Conference

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# SMART CITY SUMMIT

## ALIGARH

CONFERENCE | AWARDS | EXPO





Subhash Chandra Sharma, Divisional Commissioner, Aligarh inaugurating the Smart City Summit, Aligarh in the presence of Santosh Kumar Sharma, Municipal Commissioner, Aligarh Municipal Corporation, Ankit Bahl, Advisor-Trade & Investments, Embassy of Estonia, Sachin Gaur, Project Coordinator, India EU Cooperation on ICT- Related Standardisation, Policy and Legislation and Harshita Bhatnagar, National ICT Expert, Asian Development Bank.

To highlight Smart City projects in Aligarh and the progress the 'City of Locks' is making under the Smart Cities Mission, Aligarh Municipal Corporation in association with Elets Technomedia Private Limited, organised the Smart City Summit, Aligarh recently. The Divisional Commissioner of Aligarh Santosh Kumar Sharma inaugurated the Summit flanked by Ankit Bahl, Advisor, Trade and Investment, Embassy of Estonia; Sachin Gaur, Project Coordinator, India EU Cooperation on ICT- Related Standardisation, Policy & Legislation and Harshita Bhatnagar, National ICT expert, Asian Development Bank.

The conference was attended by Gaurav Antil, Joint Commissioner, Municipal Corporation of Gurugram, Ravi Kumar, Deputy general Manager, Bharat Electronics Limited and Awaneesh Sharma, Commissioner, Moradabad Municipal Corporation. From the private industries, there was participation from Eon electronics who expressed their wish to be a part of Aligarh Smart City and Hyderabad-based Automotive Environment Solutions.

There was a roundtable between Aligarh Smart City officials and private companies' representatives. This was 25th Smart City Summit organised by Elets. More than 30 Government and private speakers participated in the summit who spoke on different components of Smart Cities.





Official Launch of the Special issue of eGov magazine by the dignitaries



**Inaugural: Aligarh- Towards  
Realising the Smart City Dream**

## **SANTOSH KUMAR SHARMA**

**Municipal Commissioner, Aligarh  
Municipal Corporation**

Aligarh has been selected under the Smart Cities Mission. Aligarh Smart City Limited was formed to expedite Smart City projects. We are going to select the Project Management Consultants for the projects. Integrated Traffic Management System is one of the key points to be taken up in Aligarh. E-governance will be used to link all the important services on a single platform. Smart roads, footpath, cycle track, restricted vehicle zone, Wi-Fi junction area and solar energy projects will be taken up first so that environment sustainability can start.



## SPECIAL ADDRESS



### SUBHASH CHAND SHARMA

Divisional Commissioner, Aligarh

We want people to come up with ideas to us. Every year water is going down by five feet. We are trying to recharge the water bodies in Aligarh. To attract the investors, the law and order situation of the city should be good. Traffic lights and CCTV camera should be integrated through a single network. We want industries to suggest solutions which are Aligarh specific. We can even declare no-vehicular zones in Aligarh but we have to develop parking spaces first.

## Building Smart Cities by Leveraging Technology and Innovation: Importance of International Collaborations & Experiences



### SACHIN GAUR

Project Coordinator, India EU Cooperation on ICT-Related Standardisation, Policy and Legislation

European Union (EU) through European Union Bank has already invested more than 1.5 billion euros in energy and climate related projects. We are also working on the standardisation aspect of the Smart Cities. We are working on three important topics comprising Internet of Things (IoT), 5G and security as a cross cutting topic. Research under the EU is happening under the topic Horizon 2020 where they want people to come up with problems to them.



### HARSHITA BHATNAGAR

National ICT Expert, Asian Development Bank

Our vision is Asia and Pacific region free of poverty. There are sub regional programmes that ADB is implementing in various countries. There is a programme known as South Asia Subregional Economic Cooperation programme to improve the economic condition of the South Asian sub regions which comprises seven countries Bangladesh, Bhutan, Nepal, Maldives, Myanmar and Sri Lanka. These countries are implementing various projects like constructing roads between two countries like from India's Kohima to Myanmar, income tax projects in Nepal etc.



## ANKIT BAHL

Advisor-Trade & Investments, Embassy of Estonia

Estonia has a population of 13 lakh people, same as Aligarh. Every service except marriage, divorce and buying of property is online. The level of digitisation is very advanced in the country. For the last 20 years, Estonia's public is using e-governance platforms. Every year the country saves two per cent of the GDP since it is a paperless society. Time also gets saved due to these solutions. Estonia is also helping other countries to implement these solutions.

## INDUSTRY PRESENTATIONS



## SANDEEP SHARMA

Vice President (S&M)  
EON Electric Limited

We are implementing Smart lighting project in Aligarh in association with Energy Efficiency Services Limited (EESL) for the past two years. The Municipal Corporation of Aligarh has saved more than Rs 2.5 crore through this project. We have solutions both for on-grid and off-grid lighting. Since the past two years, we have installed more than three lakh streetlights in India. Under our solar street lighting project we have installed 20,000 streetlights so far.

## HEMANTH KUMAR

Head, Business Development, Automotive Environmental Solutions



We are working with various municipalities. We are providing various waste management solutions. There are separate colour bins for wet, moist and medical waste. For primary collection and transportation of waste, we have made customised vehicles for different municipalities. To clear the sewage lines, we have created the desilting and dechoking machines as well. No manual labour is required to clear the waste from the sewers. There are mechanical sweeping machines to clean the roads. We recently bagged a project of providing 140 Automatic Refuse Compactors. We have also supplied 200 garbage trucks to Greater Hyderabad Municipal Corporation.





### GYANENDRA MISHRA

President, UDAAN Society

Security is a big aspect of Smart Cities Mission. Aligarh can become smart through advanced security systems. Police patrolling has increased over the years. But it needs to be seen whether the security has also increased through this? Smart City Aligarh can benefit citizens through smart security. It can also help in managing the traffic, disaster management and road rage incidents etc.

## Building Smart Cities: Challenges & Opportunities

### AVANEESH SHARMA

Commissioner, Moradabad Municipal Corporation



We need to change the mindset of our people that cleanliness is not our job but our duty. Currently, we have various opportunities but the man behind the machine is also very important. Awareness will make it easier to realise the dream of Smart Cities. We have resources and funds but the mindset needs to be changed first.



### GAURAV ANTIL

Joint Commissioner, Gurugram Municipal Corporation

We have declared in Gurugram that those malls who will provide free basement parking space to people, their basement will be exempted from the property tax. This initiative has helped in controlling the parking problem in the city. More than 72 malls and shopping complexes have made their parking free. To make people aware of this scheme, we have advertised through social mediums on a large scale.



## DR ANWAR KHURSHEED

Professor, Environmental Engineering, Department of Civil Engineering, AMU Aligarh



The only fresh water available from earth is just three per cent. Out of this three per cent, 77 per cent is capped in snow. If we don't incorporate water management and water utility, fresh water will not be left. Technology can help in the assessment of the water with the least footprints. Critical analysis of the projects are necessary to succeed. Public participation is also necessary. We have been involved in waste water treatment for 30-35 years.

## DR MOHAMMED RIHAN

Associate Professor, Member incharge, Electricity Department, Convener, Green University project, Aligarh Muslim University



We use to pay Rs 25 crore annually for electricity charges. Now we have installed two solar power plants that are connected through grids. No other institution in India has the solar capacity like us. We are saving 17,000 kgs of Co2. We have reduced the load on the State Grid also since we are generating our own electricity. This is one of our key contributions for our city. This can be replicated in the residential colonies too.

## Special Presentations: Role of PSUs for Smart City Ecosystem

### RAVI KUMAR

Deputy General Manager, Bharat Electronics Limited



PSUs can help in the security of the Smart Cities. They can recommend guidelines for the security of the Smart Cities with more emphasis on security element. PSUs can help in the standardisation of Smart City platform interface to avoid vendor lock in, encourage competition and innovation.



Deputy General Manager, National Small Industries Corporation (NSIC)

### T. S. RAJPUT

National Small Industries Corporation has a mission of promoting, aiding and fostering their growth of micro, small and medium enterprises in the country. Cleanliness should be the way of life which should be adopted by the citizens also. In countries like Singapore, even the President and his wife take part in cleaning of the cities. We need to educate people on the civic sense and create awareness about cleanliness.



# EXPO

***PARTICIPANTS SHOWCASING  
PRODUCTS AT THE EXPO***







Santosh Kumar Sharma, Aligarh Municipal Commissioner (second right) and others after felicitation



Santosh Kumar Sharma, Aligarh Municipal Commissioner (second right) and other speakers from PSU session



Avinash Sharma (second left), Moradabad Municipal Commissioner and Santosh Kumar Sharma, Aligarh Municipal Commissioner (second right) along with other international speakers



Team Elets and team Aligarh Municipal Corporation at the Aligarh Smart City Summit



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SWACHH BHARAT



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