



Sarvajnik College of Engineering and Technology

Department of Computer Engineering

R&D Lecture Series Expert Talk

on

“Surat- Moving towards becoming a Smarter City”

Objectives of the Talk:

- Detailed information about existing IT projects currently used in SMC
- Overview about various upcoming IT projects in SMC under Smart City
- Exposure to domains where students can contribute in making our Surat a Smart City

Date: 29th September 2017

Time: 1:30 PM to 3:00 PM

Venue: N.J Seminar Hall, 1st Floor, Above Admin Department, SCET

Coordinators: Prof.(Dr.) Keyur Rana,
Prof. Bintu Kadhiwala,
Prof. Vasundhara Uchhula,
(Department of Computer Engineering)

Speaker: Mr. Jigar Patel, Assistant Engineer(Computer) at Information Systems Department, Surat Municipal Corporation

Participants: 93 students and 6 faculty members from Computer Engineering Department participated in the talk

Summary:

Computer Engineering Department of Sarvajanik College of Engineering & Technology organized an R&D Lecture Series Expert talk on “**Surat- Moving towards becoming a Smarter City**” on 29th September 2017.

The talk was aimed at giving overview about various upcoming IT projects in SMC under Smart City. Prof. Bintu Kadhiwala commenced the session at 1:30 PM by welcoming and introducing eminent speaker Mr. Jigar Patel, Assistant Engineer(Computer) at Information Systems Department, Surat Municipal Corporation. Mr. Jigar Patel is involved in the following activities under SMC:

- Monitoring Systems Development and Implementation
- Finalizing the Software Requirements for various applications
- Procurement of necessary Server Hardware & Software
- Android based Application Development

During talk, Mr. Jigar Patel threw light on the history of the city, starting with growth of the Surat City. **In the proposal of Smart City which is about 2600 crores, from that 870 crores are dedicated for only IT related projects.**

Highlighting this statement and the influence of IT in his domain, he covered all the existing IT projects which are listed below in brief

- City Civic Center
- Information Kiosk
- Virtual Civic Center
- SMC Mobile App
- SAFAL App
- GIS@suratmunicipal.org
- SMAC Center
- Identifying clusters of diseases in the city
- Integrated Traffic Control
- Intelligent Transit Management System
- Water Treatment (Swachtha App)
- Mobile Apps for Internal Efficiency
- Common City Payment Card(Proposal)
- Surat.data.gov.in(open data)
- Green Energy Efforts

The session became more interesting when Mr. Jigar Patel demonstrated existing SMC projects online to our students by connecting remotely to the Server.

Mr. Jigar explored the scope of IT researchers/developers in the existing and future projects of SMC. How can a Computer Engineer contribute in the development of Smart City was also discussed. Indeed, the session was very much fruitful.

Finally, the session was concluded by vote of thanks by Prof. Vasundhara Uchhula. We acknowledge and thank Sarvajanik Education Society and Sarvajanik College of Engineering & Technology for providing the necessary infrastructure for conducting the expert talk. We also thank Dr. Vaishali Mungurwadi, Principal, SCET for her guidance and motivation in organizing the expert talk.

Herewith we have attached some glimpses of our expert lecture.





Compiled by: Prof. Vasundhara Uchhula [Computer Engg. Department]