

## GUJARAT TECHNOLOGICAL UNIVERSITY

Organizes

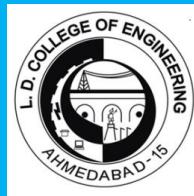
ONE DAY SEMINAR ON

### ***“Smart Cities Mission: A step towards Smart India”***

IN COLLABORATION WITH

**L.D.COLLEGE OF ENGINEERING, Ahmedabad**

(30<sup>th</sup> July, 2016)



#### **Chief Patron**

Dr. Rajul K. Gajjar, In Charge Vice Chancellor, GTU  
Dr. G. P. Vadodaria, Principal, LDCE

#### **Convener**

Dr. P. J. Gundaliya, Professor, CIVIL Engg. Dept.  
Prof. Hiteishi Diwanji, Associate Professor, IT Dept.

#### **Coordinators**

Prof. P. K. Shah, Civil Engg. Dept.  
Prof. M. K. Panchal, IT Dept  
Prof. N. P. Desai, IT Dept

#### **Vision of the Seminar:**



Under the paradigm of “Digital India”, many cities in India are going to be Smart City. The word smart city suggests that cities will have WIFI connectivity. Apart from having connectivity, from people to buildings, administration to health monitoring, roads to satellite navigation will witness technological revolution. This seminar is organized with the vision of giving outline of the development done in the Gujarat state with respect to Smart City. The seminar will witness the paper presentation of faculty members, PG and PhD students in context to Smart City.

#### **Seminar Outline:**

- Expert talk by Municipal Commissioner, Ahmedabad projecting the development in Ahmedabad city regarding Smart City.
- Expert talk by Municipal Commissioner, Surat projecting the development in Surat city regarding Smart City.

- Expert Talk by Ms. Mukti Advani, CRR, New Delhi, how civil engineering elements will change with regards to “Smart City”.

#### **About the Venue: L. D. College of Engineering**

L. D. College of Engineering, Ahmedabad is a premier Engineering college in Gujarat State set with the objectives of imparting higher education in various fields of engineering. The institute is affiliated to Gujarat Technological University and administrated by Department of Technical education, Gujarat State. Sheth Shri Kasturbhai Lalbhai established institute in 1948 with generous donation. It is situated adjacent to Gujarat University and at nucleus of various national level institutes like PRL, ATIRA, ISRO, IIM etc. The campus consists of buildings for various departments, offices, hostels and library with 45,220 sq. meter plinth area. The institute made a modest start with 75 students for undergraduate programs in 1948, post graduate programs in 1954. At present institute run 14 undergraduate, 17-post graduate and 4 part-time programs.

#### **Gujarat Technological University, Ahmedabad**

Gujarat Technological University (GTU) was established in 2007. It was established with a view to provide uniform and advanced academic platform to the Engineering, Pharmacy and Management institutes of Gujarat.

#### **Important Date For Programme:**

Send registration form along with abstract of paper on or before **20<sup>th</sup> July, 2016** to the E-mail Id: [smartcity.ldce1@gmail.com](mailto:smartcity.ldce1@gmail.com). Acceptance of paper will be intimated by **25<sup>th</sup> July 2016**.

### Paper and Poster Presentation:

For this seminar papers and posters are invited from faculty members, PG students and PhD students. The papers and posters can address topics related to Smart City.

- Bridges, buildings, transportation facility in Smart City
- Use of Information technology tools in Smart City
- Health issues and health monitoring in Smart City
- Governance in Smart City
- Automation of work in Smart City
- Challenges and reforms in Education system
- Fresh Water supply management and water usage monitoring in Smart City
- Garbage collection and sewage management in Smart city
- Election and voting system in Smart City
- Data storage and data retrieval in Smart City

For any query for CE, IT, EC, IC, Electrical branch please contact **Ms. Nirjari Desai, Mobile No: 9879606051**. For any query for civil, mechanical, rubber, plastic, chemical, textile, biomedical, branch contact **Mrs. Pratima Shah, Mobile No: 9426593219**.

### Activities at L. D. College of Engineering

The L. D. College has contributing many projects in context to the smart city. Since year more than a year the lecture series on smart city theme is running at the Institutes. In this almost all the department has taken part and displayed and presented many projects related to smart city. Each department gave presentation on how their corresponding engineering branch can influence smart city development.

- Rubber and plastic technology suggested use of rubber in building roads with low absorption of water, making the roads robust for longer duration. They have submitted proposal to Ahmedabad Municipal Corporation.
- Biomedical and IC department presented how devices can be smart and be used in home automation and health monitoring.
- Computer and IT department presented their vision with respect to data storage with cloud, complain readdress system. Mechanical Engineering department presented views on changes in automobile industry.
- Environment Engineering students have developed projects on Energy conservation in Smart City, Solid Waste Management in Smart City, Waste water Management in Smart City
- EC department students have developed projects on Accident detection and reporting system with exact address using GPS and GSM, Wireless traffic signal breaking Prevention and detection technique.

The activities related to smart city in the Institute will be showcase at the time of seminar and also will be having presentation and poster display in afternoon session.



### Registration Form Seminar on "Smart Cities Mission: A step towards Smart India"

1.Name: Mr./Ms.....  
2.Edu. Qualification: .....  
3.Designation: .....  
4.Name of Organization: .....  
5.Type of Organization: Gov/Private/NGO \_\_\_\_\_  
6.Address: .....  
.....

Phone.....

Email.....

7.Experience (years) in relevant area  
Teaching: ..... Industry: .....

Place: .....

Signature of the Applicant

Date: .....

Certified that the above applicant is employed in our organization and the information stated by him/her is verified and found correct. We therefore, sponsor him/her to attend the seminar organized at your institute.

\*No registration charges. No TA/DA will be given.

Date: ..... Signature of sponsoring authority with seal