

## About Ahmedabad

Ahmedabad is the largest city and former capital of Gujarat named after Sultan Ahmed Shah who founded it in 1411 A.D, located on the banks of the River Sabarmati, 32 km from the state capital Gandhinagar. The city is associated with Mahatma Gandhi, Father of the Nation, whose Ashram is situated on the banks of River Sabarmati. During 19 & 20th centuries, Ahmedabad's textile industry exploded and soon it was celebrated as the Manchester of the East. The city today is the 2nd largest prosperous city in western India and 6th largest in the country and a place where tradition and modernity coexist in perfect harmony. The commercial importance of Ahmedabad makes the city an important travel destination in India. Great tourist attractions: Gandhi Ashram, splendid heritage monuments, wonderful museums, gorgeous lakes like Nal Sarovar and Thol are worth visiting. Adalaj step well, 4500 years old city of Lothal and bird sanctuaries are some of the places which bears the signature of world visit.

The city has been in news for its superior infrastructure and good quality of life. The Bus Rapid Transit System (BRTS) started in 2009, has won the USA International Sustainable Transport Award. The last decade has seen Ahmedabad transform into an urban modernity of international standards.



## Weather

The climate of the city is usually hot and humid. The average annual rainfall is about 800 millimeters (31 inches). Month of December is dry, pleasant with mild chilly weather. In this dry pleasant atmosphere it would be preferred to carry warm clothes along. Day time temperature ranges between maximum and minimum 31°C - 27°C and night time temperature ranges between 14°C - 11°C

## Accommodation

There are numerous places to stay in Ahmedabad. Well equipped hotels provide many options to choose from budget hotels to luxury or deluxe hotels. A few economy hotels are situated in the vicinity of the CEPT University.

## How to reach

### By Air:

Sardar Vallabhbhai Patel International Airport at Ahmedabad has a direct connectivity via flights to USA, UK, Singapore, Dubai and other international hubs. City is connected with all the major cities of India.

### By Railways:

The main railway station is located in Kalupur called Kalupur Railway Station. This station falls under the prominent national railway circuit and is connected to all major cities of India.

### By Road:

Ahmedabad is well connected with all major cities and towns by road. Prominent bus stops are located at Gitamandir and Paldi. Regular bus services are available by Gujarat State Transport buses and private operators to all the major destinations of the state and other major cities.



## Contact

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## Workshop Chairs

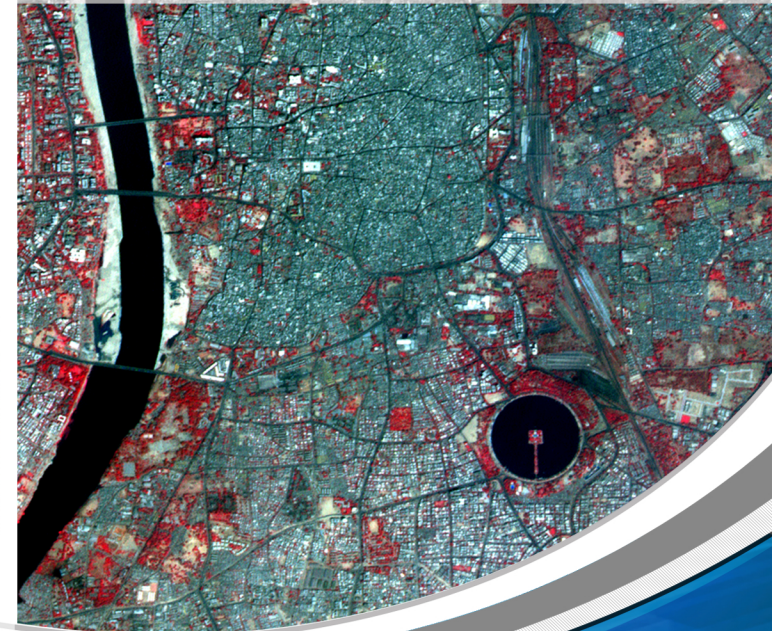
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# INTERNATIONAL CONFERENCE ON SMART DATA, SMART CITIES, & SMART GOVERNANCE

**3-5 OCTOBER, 2019**



### Hosted by

Center for Applied Geomatics, CRDF,  
CEPT University  
K.L Campus, University road, Navrangpura,  
Ahmedabad - 380009, Gujarat, India  
[www.cept.ac.in](http://www.cept.ac.in), <http://smartcities-cept.in>



## Introduction

Cities are ever growing and dynamic in nature. Those possess very complex systems. City Government (ULB) delivers the physical infrastructures and services to the citizens. Land is the prime resource for the ULBs. There are parallel agencies functioning, such as power supply agency, electricity. An efficient governance needs proper management and efficient utilization of the human and financial resources. One of the important strategy is to establish better communication and coordination system across the organisations and within the institution.

There are several programme, projects and missions floated by the Indian government for the sustainable development of the ULBs. One of the very important missions launched is on 'Smart Cities'. It was launched in 2015, covering 100 cities by the Ministry of Housing and Urban Affairs (MoHUA), Government of India, with an aim 'to promote sustainable and inclusive cities that provide core infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment and application of "Smart" Solutions' in 24 key areas identified.

Technology advancement has enhanced use of computers, e-Governance evolved. E-Governance is to create Simple, Moralistic, Accountable, Responsive and Transparent (SMART) governance. During 2008, in 2nd Administrative Commissions of India a holistic view and a need of strengthening the E-Governance in India mentioned. Last decade has observed several updates like, artificial intelligence, machine learning, and internet of things, big data analytics and the blockchain. It is a technology of the day. It provides better security on the chains of data blocks. It can wrap various sectors together. It allows city management to be distributed among all stakeholders involved. A decentralized governance made possible by this approach could be the key to solving various problems and challenges. For the city government, the transformative potential of this technology is enormous. The city managers and the professionals involved in the governance must understand the technology and discover the areas where a smart data system can assist. The major concern of ULBs is to improve the quality of urban life, hence the infrastructure, transport, healthcare services, education, land management are the key areas where smart data, smart governance can lead to smart cities.

## Workshop Objectives

- Provide a forum to exchange the ideas on 'Smart City' and Strengthen the communication between senior researchers, students, developers, professional and citizens from the ICT and Geospatial Technology.

- Explore effective strategies for adoption of Geospatial Technology based solutions for smart governance for future smart cities and to tackle the pressures of population growth on infrastructure, services and governance.
- Provide the opportunity to present research output concerning the use of ICT and Geospatial Technology in Smart Cities.
- Advocacy Strategy for adoption of Geospatial Technology based solutions for smart governance for future smart cities.
- Conference aims to fill the gap between Smart Cities, Smart Data, Smart Decision and Geospatial Technology

## Themes of Event

All scientists, professionals and researchers involved in the field of conference are strongly encouraged to submit research papers according to following themes:

### SMART DATA

- Data Science and its Foundations
- Knowledge based Systems
- Urban data analytics and big data
- Computing, Big Data, and Analytics
- Big Data Infrastructure and Systems
- Machine Learning /Artificial/ Deep Learning
- Intelligence/Deep Learning
- City Analytics
- Sensor Data (IOT Data)/ Internet of things (IoT)

### SMART CITIES

- Cities Infrastructure and Services
- Communications/ Mobility and Transportation
- Energy and Buildings
- Environment
- Health Care
- Security
- Social Networks
- 3D cities
- Smart Grid
- Urban knowledge engineering
- Innovative urban decision-making systems
- Disaster management systems

### SMART GOVERNANCE

- ICT in Governance
- MIS-GIS Integration
- E-Governance
- Smart Sustainable City Development
- Capacity Building
- Social Inclusion

### SMART PEOPLE

- Citizen Participation Platform
- Social Network
- Participatory Decision Making
- Smart Citizens

## Important Dates

Due date for Abstract submission	: September 20, 2019
Notification of Abstract Acceptance	: September 22, 2019
Submission of Full Papers	: September 28, 2019
Conference Dates	: October 3 – 5, 2019
The aspirant participants are requested to register online at CEPT website: <a href="http://smartcities-cept.in/registration/">http://smartcities-cept.in/registration/</a>	

## Registration Fees

	Early Bird (Before Sept. 20,2019)	Regular
Students	₹ 1000.00	₹ 1500.00
Academia/NGO	₹ 2000.00	₹ 2500.00
Consultants	₹ 4000.00	₹ 4500.00
Govt. Officials	₹ 3000.00	₹ 3500.00
Foreign Students	\$ 100.00	\$ 150.00
Foreign Delegates	\$ 200.00	\$ 250.00

\*All payments are inclusive of 18% GST

## About CEPT

Centre for Environmental Planning & Technology (CEPT) University, Ahmedabad is a leading institution offering under graduate and post graduate degree programs in the area of natural and built environment and related disciplines under the Faculties of Architecture, Planning & Public Policy, Technology, Management and Design. Its teaching programs build thoughtful professionals and its research programs deepen understanding of human settlements.

## Center for Applied Geomatics, CEPT

The Centre for Applied Geomatics (CAG), CRDF at CEPT University engages in technology advisory, research, consultancy and capacity building activities. CAG provides thought leadership through developing smart, efficient and sustainable applications of Geomatics to deepen understanding of human habitat. Centre strives to create and project an image of an Indian academic entity that is on the forefront of R&D and capable to deliver both quality and quantity of intellectual properties. This training is offered by Center for Applied Geomatics

## About CRDF

CEPT Research and Development Foundation (CRDF) has been established by the University to better manage the consulting, contract research & capacity building activities. CRDF is organized under thematic groups. Each thematic group is focused on a specific area of study and research. Various faculty members and students benefit by participating in these research and consulting projects