TENSYMP 2015

Ahmedabad, India

Proposed dates

13, 14, 15 May 2015

IEEE
Advancing Technology for Humanity

IEEE GUJARAT SECTION

Content

- **Basic Information**
  - Why India?
  - Why Ahmedabad?
  - Why IEEE Gujarat Section?
- **Venue**
  - Weather, Transportation & Accommodation
  - Logistics summary of venue
- **Technical Information**
  - Theme
  - Tracks
  - Organizing Committee

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Content

- **Financial Information**
  - Registration fee structure
  - Supporting Organizations and Sponsors
  - Overall Budget
- **Spouse Tour Options**
  - Local attractions
  - Nearby places
  - Tourist attractions of India

IEEE Advancing Technology for Humanity

Basic Information

IEEE GUJARAT SECTION

WHY India?

- The second largest IEEE membership after the US (206,785 covering R1-R6)
- 46,569 members (accounting for ~ 43% of R10 – 107,154) with an annual growth rate of 9%
- India has 11 Sections, 6 sub-sections, 327 Student Branches

Source: MD Monthly Report - Dec 2012

IEEE
Advancing Technology for Humanity

IEEE GUJARAT SECTION

WHY India?

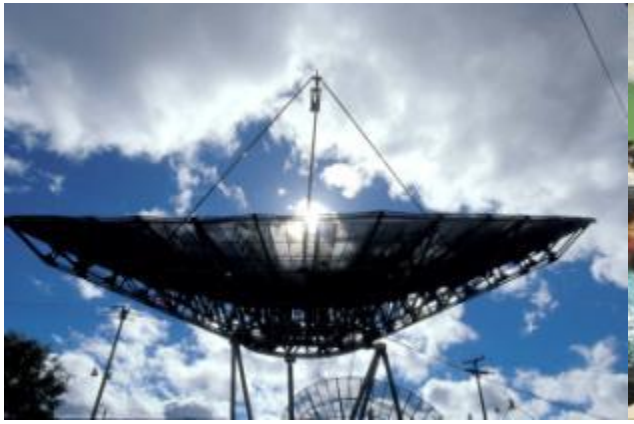
- Many premium educational institutions, big corporate houses, multinational companies, non-government organizations
- Destination of multi-cultural and diverse natural beauty
- Best known for its hospitality

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Why India?

- One of the major leaders in science and technology
- Over 3500 Engineering Institutes, rapidly growing research institutes cater to over 1 million engineering students
- India has many premier scientific research centres and universities spread across 35 states and union territories. Several among these are established centres of excellence over 100 years.



IEEE GUJARAT SECTION

Why Ahmedabad?

- Gujarat is a very welcoming state of India in terms of appreciation of technology and development.
- World-class infrastructure of roads, electricity, water, basic amenities, culture, hospitality.
- Gandhinagar has its own International airport that has connections to International hubs such as Dubai, Doha, Muscat, Singapore, Kuala Lumpur, Frankfurt, London, Helsinki, and domestic hubs including Delhi, Mumbai and Kolkata.

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Why Ahmedabad?

- Relatively low cost of living in comparison to other metro cities of India. This has direct relation with the conference budget and management.
- Temp. condition remains moderate during Mar-May, 25-35^{0} C.
- Max humidity goes up to 70%, but average remains below 35%.
- Weather remains pleasant in this period.

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Why Ahmedabad?

- A great place for tourism, e.g.,
  - Gir Forest for Asiatic Lions
  - Indus Valley Civilization sites such as Lothal and Dholavira
  - Water Bird and marine life sanctuaries
  - Rann of Kutch
  - Many historical and architecture marvels

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Why with IEEE Gujarat Section?

- IEEE Gujarat Section has been organizing many national/international conferences/workshops/seminars, *inter-alia*
- National Conference on Computer Vision, Pattern Recognition, Image Processing and Graphics (NCVPRIPG 2013), 16-18 Dec, 2013 [technical co-sponsorship]
- NUiCONE 2013 (Nirma University International Conference on Engineering), 27-29 Nov, 2013 [technical co-sponsorship]
- National Workshop on Cyber Security, 15-17 Nov, 2013

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Why with IEEE Gujarat Section?

- National Seminar on Computer Vision and Image Processing (NaSCoVIP 2012), 21-22 Sep, 2012
- FIRE 2010 (Forum for Information Retrieval Evaluation), 19-21 Feb, 2010
- INDICON 2009 (an IEEE India Council conference), 18-20 Dec, 2009
- Workshop on Emerging Research Topics in Engineering, 24-25 July, 2009
- and many more …

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Why with IEEE Gujarat Section?

- We have a dedicated team of experts comprising of almost all relevant areas of IEEE's interest who provide us with their volunteer service of reviewing papers for quality content.

IEEE Advancing Technology for Humanity

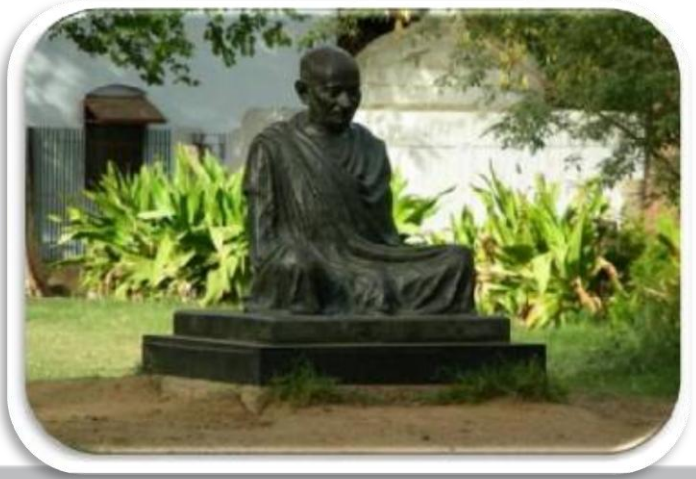
Venue

IEEE GUJARAT SECTION

Venue City - Ahmedabad

Ahmedabad (also called Amdavad) is Gujarat's major city, and a startling mini-metropolis. Straddling the Sabarmati River, it's one half old-world charm, and the other half new-world noise.

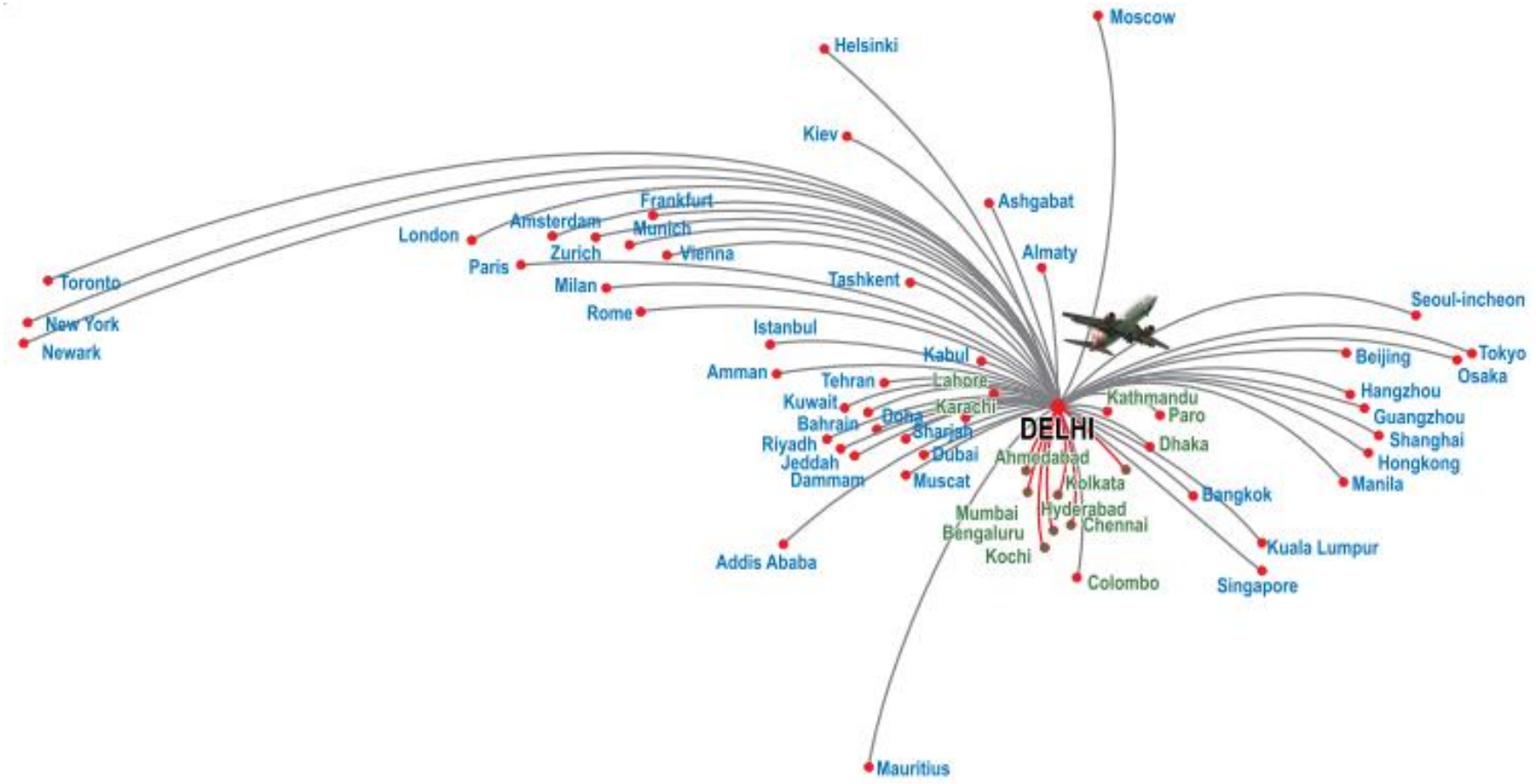
It's also remarkably cosmopolitan, with a rich Muslim history, a tangled, beautifully restored old city, stunning museums, fine restaurants and fabulous night markets. Many travellers stop off briefly on route to Rajasthan or Mumbai, sneaking in a visit to Sabarmati Ashram (Gandhi's former headquarters). Ahmedabad is a sky-scraping step-off point to the rest of Gujarat.



IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Reaching Ahmedabad - International Connectivity



IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Domestic connectivity to Ahmedabad

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Sardar Vallabhbhai Patel International Airport

Is well connected by air with the rest of the country by the major scheduled airline operators. Flights operate between Ahmedabad and the metropolitan and other major cities of Mumbai, Delhi, Kolkata, Chennai, Coimbatore, Bangalore, Hyderabad, Goa and Jaipur. It is just 15 km north-east from the city-centre. The airport consists of the International and the Domestic Terminals. They both use the same airside facilities but are separated on the landside, with a 5-minute distance between them.

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Commuting in Ahmedabad

Ahmedabad is served by an attractive integrated Transport system

Very rarely you will find a traffic jam

Extensive, comprehensive and interlinked network of

- **Multi-Model Transport System**
- **Aero Express**
- **Car Rentals**
- **Radio Taxis**

Venue

Courtyard By Marriott, Ahmedabad

IEEE GUJARAT SECTION

Courtyard By Marriott, Ahmedabad

Located at the heart of Gujarat's commercial capital, Courtyard by Marriott, Ahmedabad is situated near S.G. Highway – a premier business district with a host of entertainment options and easy access to Sardar Vallabhai International Airport.

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Courtyard By Marriott, Ahmedabad

Courtyard Marriott, Ahmedabad offers 164 spacious rooms including 121 luxurious suites

IEEE Advancing Technology for Humanity

With a total event space of 7500 sq. ft., hotel offers wide space coupled with professional expertise for all our conference and meeting needs

IEEE GUJARAT SECTION

Capacity Chart

Venue	Area (Sq ft)	Length (feet)	Width (feet)	Height (feet)	Theatre	Cluster	U Shape	Reception
Alishan	4347	92	49	11.50 & 24	500	240	90	600
Alishan 1	1922	40.21	49	11.5	200	96	45	200
Alishan 2	1364	29.12	49	24	150	80	42	150
Alishan 3	1088	23.37	49	24	100	64	39	100
Shaan	2111	60	29	11.5	120	64	42	120
Shaandar	398	15.09	26.9	11.5	BR-10	N/A	N/A	N/A
Shaan-o-Shaukat	750	27	18	8	40	32	20	40

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Accommodation

Hotel Name	Category	No. Rooms	Distance from Venue
Marriott Courtyard	5 Star	164	Venue Hotel
Hotel Comfort Inn Scuba	3 star	29	2 kms
Hotel White Leaf	3 star	26	2.5 kms
Hotel Silver Leaf	3 star	30	2 kms
Hotel Formulae 1	Budget	60	3 kms

IEEE GUJARAT SECTION

Technical Information

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Conference Theme - "Internet of Things (IoT)"

Self-configuring and adaptive complex system made out of networks of sensors and smart objects whose purpose is to interconnect "all" things.

To make them intelligent, programmable and more capable of interacting with human beings.

Projections indicate that up to 100 billion objects will be connected to the Internet by 2020. IoT covers all types of sensors, communication protocols, computational tools, techniques, devices, processors, embedded systems, data warehousing, big data, cloud computing, server farms, grid computing etc.

IoT is all pervasive.

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Conference Theme - "Internet of Things (IoT)"

Proposed tracks would be focusing on:

- Identification and exploring application domains for the future IoT – **Application technologies**
- Presenting the research challenges and priorities, the standardization issues – **Industry standards**
- the security and privacy concerns that have to be addressed and solved over the next decade – **Experimental results**
- Investigate how progress in technologies and applications of IoT can be nurtured and cultivated for the benefit of society – **Societal Impacts**

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Tracks

- IoT architectures
- IoT enabling technologies
- IoT services and applications
- IoT system integration, management, and standards
- IoT Business model and Process changes
- IoT security and privacy concerns
- Special session

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Organizing Committee

- **General Co-Chairs**
  - John Vig (2009 IEEE President)
  - Anil K. Roy (Chair, Gujarat Section)
- **Co-Chairs Technical Program Committee**
  - Chonggang Wang (InterDigital Communications, Princeton, NJ)
  - Manik Lal Das (India)
- **Co-Chairs Advisory/Steering Committee**
  - Janina Mazierska (Past Director R10)
  - S.L. Maskara (India)

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Organizing Committee

- **Chair International Liaison**
  - Deepak Mathur (R10 HTA Coordinator)
- **Chair Finance Committee**
  - Suman Mitra (Gujarat Section)
- **Chair Local Organizing Committee**
  - Mehul Raval (Gujarat Section)
- **Chair Publications Committee**
  - R.B. Jadeja (Gujarat Section)
- **Chair Tutorials Committee**
  - Prabhat Ranjan (ED, TIFAC, India)
- **Chair Publicity Committee**
  - S Sadagopan (Director, IIIT Bangalore, India)

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Organizing Committee

- **Advisory/Steering Committee**
  - Y J Park (Past Director R10)
  - Toshio Fukuda (R10 Director)
  - Ramakrishna Kappagantu (R10 Director-elect)
  - Takatoshi Minami (R10 Conference & Technical Seminar Coordinator & Vice-Chair of Technical Activities)
  - M. Vidyasagar (Executive Vice President – TCS, India)
  - Rajat Moona (Director General - CDAC , India)
  - P K Saxena (Director, SAG-DRDO , India)
  - P Anandan (MD - Microsoft Research , India)
  - Zia Saquib (Director - CDAC, Mumbai , India)

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Technical Program Committee

- **Track Chairs**
  - **N. Asokan** (Distinguished Researcher, Nokia Research) - *IoT security and privacy concerns*
  - **Srini Ramaswamy** (ABB Corporate Research, Bangalore) - *IoT architectures*
  - **Venkat Padmanabhan** (Research Manager, Microsoft Research) - *IoT architectures, IoT enabling technologies*
  - **L V Subramanium** (IBM India Research Lab) - *IoT system integration, management, and standards*

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Technical Program Committee

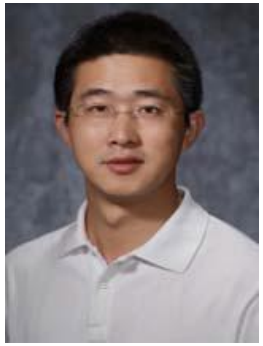
- **Track Chairs**
  - **Debabrata Nayak** (Huawei India) - *IoT services and applications*
  - **Arpan Pal** (TCS Innovation Lab) - *IoT Business model and Process changes*
  - **Kapali Viswanathan** (HP Research) - *IoT security and privacy concerns*

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Organizing Committee

Dr. John Vig



Dr. Chonggang Wang

Prof. S.L. Maskara

Dr. Anil Roy

Prof. Manik Lal Das

Mr. Deepak Mathur

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Important Dates

Conference Dates	13-15 May 2015
1st announcement	15 Mar 2014
2nd Announcement CFP	15 May 2014
Final announcement	1 September 2014
Open for Submission of Paper	15 September 2014
Closure for Submission of Paper	15 November 2014
Notification of acceptance of paper	31 January 2015
IEEE PDF eXpress Compliant Manuscript Submission Deadline	15 February 2015
Early Bird Registration Starts from	1 February-15 March 2015

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

http://www.tensymp2015.org/

IEEE GUJARAT SECTION

TENSYMP 2015

13-15 May 2015 | Ahmedabad

IEEE

Home | Committee | Keynote | Tracks | Tutorials | Registration | Venue | Sponsors | Contact Us

EARLY BIRD REGISTRATION
15 March 2015

VISA GUIDELINE

DOWNLOAD CFP

Important Date

- Proposed date: 13 - 15 May 2015
- 1st announcement: 15 March 2014
- 2nd announcement: 15 May 2014
- Final announcement: 1 September 2014
- Paper submission: 15 Sept - 15 Nov 2014
- Notification of acceptance: 31 January, 2015

Welcome Message from General Co-Chairs of TENSYMP 2015

TENSYMP is a spring conference of IEEE Region 10. It is a theme based conference. It started in 2013 (it was held in Sydney, Australia).

TENSYMP 2015 will be held in Ahmedabad, India during 13-15 May 2015. Its objective is to provide a active platform for research scientists, engineers, and practitioners throughout the world to present their latest research findings, ideas, and applications in the pervasive area of Internet of Things.

The Conference solicits original state-of-the-art contributions as well as review papers. Authors are invited to contribute

IEEE GUJARAT SECTION

Financial Information

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Sponsoring Organizations

- **Government Organizations**
- Department of Science and Technology (DST), Government of India
- Department of Information Technology (DIT), Government of India
- Indian Space Research Organization (ISRO), Government of India
- Central Scientific & Industrial Research (CSIR), Government of India
- Gujarat Council on Science and Technology, Government of Gujarat (GUJCOST)

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Sponsoring Organizations

- **Industries/Companies**
- IBM
- TCS
- HP
- Adobe
- Microsoft
- Google
- Airtel
- BSNL

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Sponsoring Organizations

- **Industries/Companies**
- Mobile/Smartphone/Tablet/Fablet manufacturing companies, e.g., Nokia, Samsung, Motorola, Apple etc.
- Processors manufacturing companies, e.g., Intel, Arm, Freescale, Qualcomm, Mediatek etc.
- Embedded Systems manufacturing (HW/SW) companies, e.g., NI, Cisco, Qualcomm, TI, LG etc.
- Energy companies, e.g., ABB, Alstom, Schneider, GE etc.
- Automobile manufacturing companies, e.g., VW, Mitsubishi, Toyota, Honda etc.

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Registration Fees

Registration Category	USD	INR
IEEE Member	550	33000
IEEE Student Member	330	19800
Non-Member	650	39000
Student Non-Member	400	24000

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Budget - Income

Income head	Rate (in USD)	Income (in USD)
Registration (150)	@ 350	52,500
Sponsorship		42,500
3	@ 5000	15,000
5	@ 2500	12,500
10	@ 1500	15,000
Exhibits		10,000
5	@ 1000	5,000
10	@ 500	5,000
Tutorials		0
TOTAL INCOME		105,000

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Budget - Expenses

Expense head	Rate (in USD)	Expense (in USD)
Venue	@ 2500 per day	7,500
Airport reception		1,000
Registration kit	@ 25 x 225	5,625
Lunch (3) & Banquet (1)	@ 150	30,000
Cultural Program	@ 3000	3,000
1/2 day tour		2,000
Printing, publicity etc.		2,000
Local Conveyance		2,000
Travel expense		20,000
Miscellaneous expenses		10,000
PCO Fee	@ 15% of above	12,500
TOTAL EXPENSE		95,625

EEE
g Technology
or Humanity

IEEE GUJARAT SECTION

Budget - Summary

A tentative surplus of around

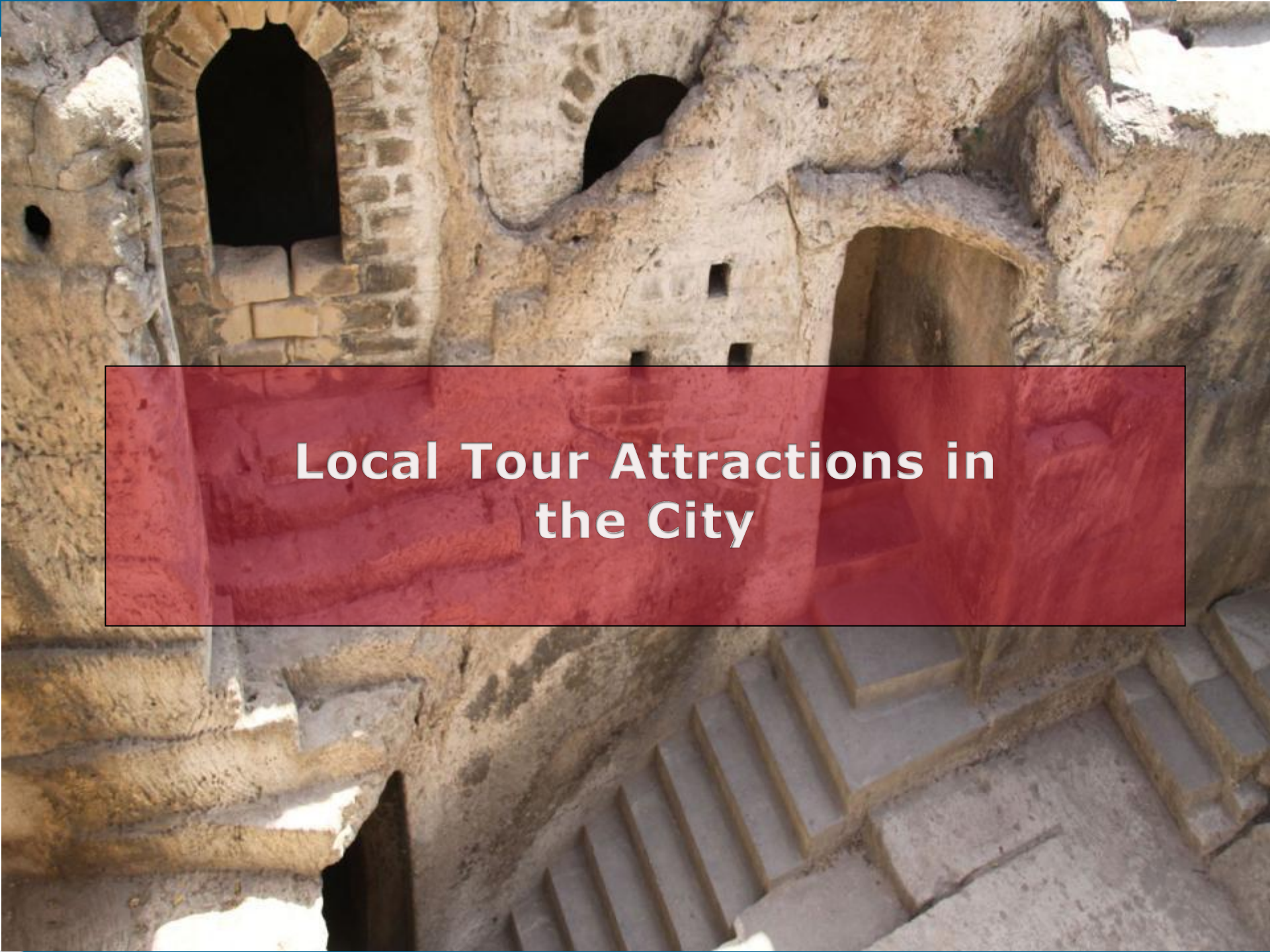
USD 10,000

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Spouse Tour Options

IEEE Advancing Technology for Humanity


Local Tour Attractions in the City

IEEE GUJARAT SECTION

Local Tours & Attractions

IEEE
Advancing Technology for Humanity

IEEE GUJARAT SECTION

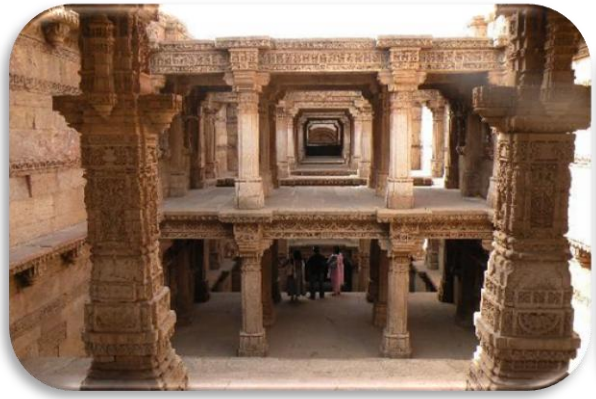
Local Tours & Attractions

The Mosque of Sidi Sayed

Rani Rupmati's Masjid

Jama Masjid

Sabarmati Ashram



Step Well of Adalaj

Fort of Bhadra

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Spouse Tours

Sardar Patel National Memorial is one of the most important buildings in Ahmedabad city of Gujarat. It is a museum as well as an exhibition center, dedicated to the Iron Man of India, Sardar Vallabhbhai Patel. It is located in the Moti Shahi Mahal, in Shahibag premises.

A popular temple of goddess Vaishno devi located on Sarkhej-Gandhinagar highway. It is modeled based on Vaishno devi temple situated in Jammu & Kashmir. It can be seen crowded everyday, and on weekends devotees from all over the India visits this temple.

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Spouse Tours

This remarkably elegant temple created out of white marble has been sacred to many Jain families, generation after generation. It was built in 1848 A.D. at an estimated cost of 10 lakh rupees by a rich merchant Sheth Hutheesing as a dedication to the 15th Jain tirthankar, Shri Dharmanatha.

This temple is the first temple of the Swaminarayan sect to have been built. In 1822, the land was given by the British government to do so, and Swaminarayan himself entrusted the responsibility for the construction of the temple to Anandanand Swami.

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Spouse Tours

A deep cascade of stairs and columns plunging down several stories, with shafts of light falling on beautiful carvings and birds and bats flitting in and out of the shadowy corners. Built around 500 years ago by Sultan Bai Harir, this stepwell is like others around Gujarat, with elaborate craftsmanship and construction built underground to provide access to a permanent source of water.

Located at the Sarkhej Gandhinagar Highway, Science City is an ambitious initiative of the government of Gujarat to trigger an inquiry of science in the mind of a common citizen with the aid of entertainment and experiential knowledge.

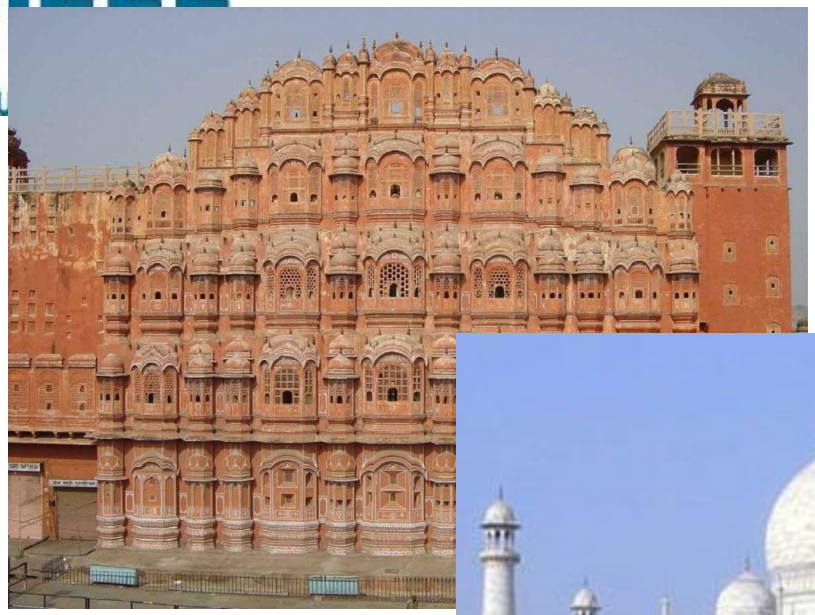
IEEE Advancing Technology for Humanity

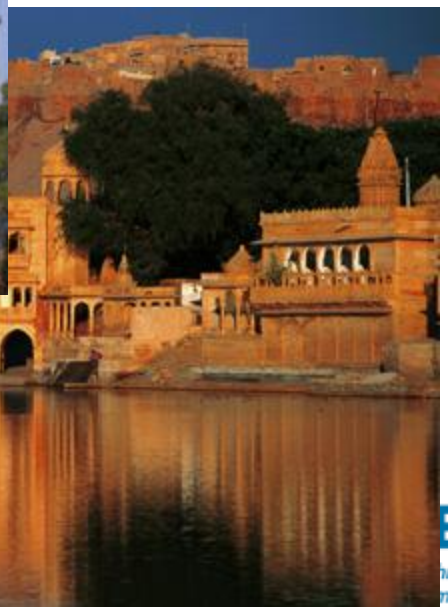
IEEE GUJARAT SECTION

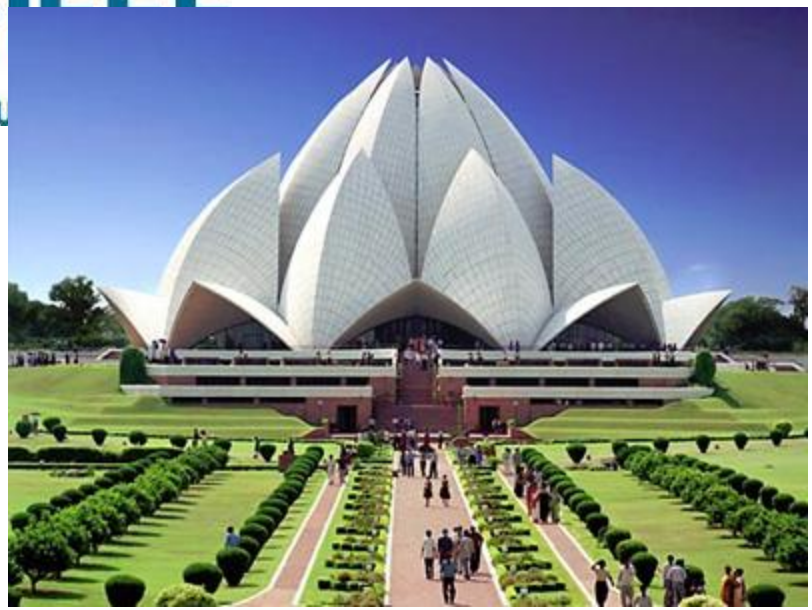
Other Destinations in India

#	Place	Fame	Nearest Airport	Flight Time from Ahmedabad
1	Agra	Taj Mahal	IGI Airport, Delhi	1 h 15 m
2	Kashmir	Scenic Beauty	Srinagar Airport	4 h 15 m
3	Goa	Exotic Beaches	Goa Intl Airport	1 h 30 m
4	Kanyakumari	Cape Comorin	Thiruvananthapuram Intl Airport	5 h 30 m
5	Jaipur	Pink City	Jaipur Intl Airport	1 h 15 m
6	Delhi	Historic Capital	IGI Airport, Delhi	1 h 15 m
7	Darjeeling	Tea Gardens	Bagdogra Airport	6 h
8	Mysore	Mysore Silk	Mysore Airport	7 h 30 m
9	Aurangabad	Ajanta Ellora Caves	Aurangabad Airport	3 h

IEEE Advancing Technology for Humanity







See you in Ahmedabad...

IEEE GUJARAT SECTION

Free Downloads of IEEE SENSORS 2013 Presentations (Until Sunday, 10 November)

With six parallel sessions, IEEE SENSORS 2013 [http://www.ieee-sensors2013.org/] participants will probably miss some important presentations they would have liked to see. Therefore, as an extra benefit for conference participants, and as an experiment, more than 200* of the 508 presentations are being recorded. The recordings consist of the authors' slides and voice (no video).

The recordings are available for downloading from the day after the presentation until midnight (USA time) Sunday, 10 November.

To download a presentation, click here (http://sensors2013online.org/).

---

* We regret that poster papers and presentations by authors who opted out of being recorded will not be available for downloading. Authors who opted out and now wish to be recorded please sign a copyright form and we will add you to the list of papers to be recorded.

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Free Downloads of IEEE SENSORS 2012

11/6/2012

- Friends, here are some results of the experiment to record presentations at IEEE SENSORS 2012. The recordings consist of the author's slides + audio; no video.
- The presentations had been downloaded 10,161 times as of when we cut off the free downloading
- The free downloads took place over 6 days; 2 days during the conference and 4 days following the conference.
- 290 of the 650 registrants downloaded at least one presentation (average = 35 per downloader)
- 150 presentations of the 266 oral presentations (of the 580 accepted papers), plus 5 tutorials were recorded. The rest were poster papers.

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Free Downloads of IEEE SENSORS 2013

John on 12/10/2013 to his UC Berkeley friend of UFFC-S

- We made the presentations available, for free, the day after they were recorded. Within a week, attendees had downloaded >13K presentations.
- A year ago, more than 10K presentations had been downloaded within a week of the conference.
- Some have been concerned that making the recordings available will decrease attendance at the conference. Attendance this year was higher than last year.

.....John

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Some examples of our product

- 7698.mp4
- 7458.mp4

- This is going to be a great experience for all who would present, and also
- A wonderful membership benefit

IEEE Advancing Technology for Humanity

IEEE GUJARAT SECTION

Contact Information

Name: Dr. Anil K. Roy

email ID: anil_roy@daiict.ac.in,
anilkroy@ieee.org.

Contact no: +91-93-7616-3094

Website:http://intranet.daiict.ac.in/~anil_roy/

IEEE Advancing Technology for Humanity