

## KEY DATES

**Abstract submission opening: Feb, 15 2019**  
**Abstract Submission: March 12, 2019**  
**Acceptance notification: March 22, 2019**  
**Full paper Submission: April 17, 2019**  
**Acceptance notification: May 10, 2019**  
**Early bird registration: May 20, 2019**

## ORGANIZING COMMITTEE

<b>PATRON</b>	<b>Dr. S.R. Gandhi,</b> Director, SVNIT, Surat
<b>CO-PATRON</b>	<b>Dr. S M Yadav</b> Professor & Head, CED, SVNIT, Surat
<b>CHAIRPERSON</b>	<b>Dr. G.J. Joshi,</b> Professor, SVNIT <a href="mailto:gj@ced.svnit.ac.in">gj@ced.svnit.ac.in</a>
<b>ORGANIZING SECRETARIES</b>	<b>Dr. Ashish Dhamaniya</b> Associate Professor, SVNIT <a href="mailto:adhamaniya@ced.svnit.ac.in">adhamaniya@ced.svnit.ac.in</a> <b>Dr. Shriniwas S. Arkatkar,</b> Associate Professor, SVNIT <a href="mailto:sarkatkar@ced.svnit.ac.in">sarkatkar@ced.svnit.ac.in</a>

## ADVISORY COMMITTEE

- Prof. Satish Chandra, Director, CRR
- Prof. A.K. Sarkar, Director, BITS
- Prof. B.P. Chandrashekhar, EX-Director, NRRDA
- Prof. P.K.Sikdar, President, ICT
- Prof. S.L. Dhingra, Ex-professor, IIT Bombay
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- Shri Sandeep Vasava, Roads & Building, Government of Gujarat
- Prof. B.K.Katti, Emeritus Professor, SVNIT
- Prof. A. Veeraragavan IIT Madras
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- Prof. K.V. Krishna Rao, IIT Bombay
- Prof. K.S. Reddy, IIT Kharagpur

## COLLOQUIUM OVERVIEW

The sixth edition of the colloquium on **TRANSPORTATION SYSTEMS ENGINEERING AND MANAGEMENT** (CTSEM, 2019) will be held at SVNIT Surat. Earlier CTSEMs were organised in 2014 at NIT Calicut, 2015 at NIT Tiruchirapalli, 2016 at BMS College of Engineering, Bangalore, 2017 at Anna University, Chennai, and 2018 at NIT Warangal respectively.

The sixth CTSEM 2019 aims to provide a platform where researchers, scientists, engineers, research scholars and postgraduate students working different areas and aspects of transportation engineering can present their work and network with the peers; learn about advancements and applications in their fields; minimise the duplication of research efforts and define future direction of research.

## COLLOQUIUM OBJECTIVE

Need for capacity augmentation and efficiency improvement of transportation systems in India is very pertinent, being the fastest growing economy of the world. Growth of freight traffic at 9.7% p.a. and passenger traffic at 15% p.a. (NTDPC, 2014) are expected to create a huge impact on operations and performance of the existing transport network. Furthermore, rapid urbanization and improved socio-economic conditions create even more challenges to understand the omni-present congestion and devise effective strategies to manage the urban travel demand and traffic operations. Safety of road users is another major challenge to be addressed for achieving a goal of sustainable development in real sense. On this backdrop, the colloquium is aimed to deliberate on all the relevant issues so as to orient research efforts in the direction that may help the Nation to find implementable solutions for the betterment of its transportation system.

## CALL FOR PAPERS

Sixth Colloquium on

# Transportation Systems Engineering and Management

**CTSEM 2019**  
**14-15 JUNE 2019**

## COLLOQUIUM THEMES

CTSEM 2019 invites papers related to transport planning, traffic engineering and pavement technology. The topics include, but are not restricted to:

- **Urban and Regional Transportation Planning**
- **Mix traffic characterization & modelling**
- **Transit planning and Operations**
- **Pedestrian Facilities and Non- Motorized Transportation**
- **ITS applications in traffic management**
- **Traffic operation control, and management**
- **Traffic safety & vulnerable road users**
- **Traffic and Environment**
- **Sustainable transportation**
- **Land Use and Transport Interactions**
- **Pavement Materials and Characterization**
- **Pavement Design, Construction and Maintenance**

## CALL FOR PAPERS

Papers are invited on the topics outlined and others falling within the scope of the event. Abstracts of 250-350 words should be submitted by email to [ctsem2019@gmail.com](mailto:ctsem2019@gmail.com). Abstract should clearly state the purpose, methodology, results and conclusions of the work. Final acceptance will be based on full length paper, which if accepted, must be presented at the event. The language of the Conference is English.

## ORGANIZED BY

**PG SECTION IN TRANSPORTATION ENGINEERING AND PLANNING**  
**CIVIL ENGINEERING DEPARTMENT**  
**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY SURAT-395007, GUJARAT, INDIA**



## REGISTRATION FEE

### Fee for Conference (Rs.)

Participant	Before 10 May 2019	10 May 2019 or On-site
Students / Research Scholars	Rs. 1000/-	Rs. 1200/-
Faculty Members from Academic Institutes	Rs. 3000/-	Rs. 3500/-
Delegates from Industries and R&D Institution	Rs. 5000/-	Rs. 6000/-

## PAYMENT OF REGISTRATION FEE

Payment is accepted only through DD in the favor of “**Director SVNIT CCE**” Payable at Surat

### Note:

- Registration fees does not include accommodation, local travel & other expenses**
- Registration fee includes GST @ 18%**

## ABOUT SVNIT SURAT

The institute was initially established as REC in 1961 and was upgraded as a NIT with the status of ‘Deemed University’ in, 2002. Sardar Vallabhbhai National Institute of Technology (SVNIT) is one of the pioneering engineering institutions of the country, the Institute of National Importance, which has contributed many outstanding engineers in India and abroad. It is conducting seven UG programs, eighteen PG programs, and Ph.D. programs in all disciplines of engineering and applied sciences as well as five-year Integrated M. Sc. Program in Mathematics, Physics and Chemistry. Special attention is also given to interdisciplinary research.

## ABOUT CIVIL ENGINEERING DEPARTMENT

The Department of Civil Engineering is one of the pioneering departments of the Institute established in 1961. Department offers Post Graduate and Doctoral Programs in the following areas in addition to under graduate program me:

- Transportation Engineering and Planning
- Environmental Engineering
- Water Recourses Engineering
- Urban Planning

Department has Centre of Excellence in Water Resources and Flood Management. Department offer consultancy services in all the areas of civil engineering. 58 doctoral students have successfully completed their research at the department.

## TECHNICAL COMMITTEE

- Prof. AU Ravishankar, NIT Surathkal
- Prof. Bhargab Maitra, IIT Kharagpur
- Prof. CSRK Prasad, NIT Waranagal
- Prof. Sanjay Gupta, SPA Delhi
- Prof. Mahabir Panda, NIT Rourkela
- Prof. MVLR Anjaneyulu, NIT Calicut
- Dr. S Velmurugan, CSIR-CRRI
- Prof. Animesh Das, IIT Kanpur
- Prof. Sudeep Kumar Roy (IEST)
- Prof. Samson Mathew, NIT Trichy
- Prof. Rajat Rastogi, IIT Roorkee
- Prof. K.R.Rao, IIT Delhi
- Prof. P K Agarwal, MANIT, Bhopal
- Dr. Akhilesh Kumar Maurya, IIT Guhuwati
- Dr. Pradeep Kumar, CSIR-CRRI
- Dr. Ashish Verma, IISc Bangalore
- Prof. K. Gunasekaran, Anna University
- Dr. M. Harikrishna, NIT Calicut

## CALL FOR SPONSOR / CO-SPONSOR

This national event is likely to be sponsored by AICTE, TEQIP, CSIR& DST. However, industries / organizations are also invited to sponsor this major event and to participate in the conference.

Sponsorship Fee	No. of Free Delegates
Rs. 1,00,000/-	10
Rs. 50,000/-	5
Rs. 25,000/-	3

**Advertisements are also invited from leading industries / organizations.**

## ACCOMMODATION

The accommodation facility can be availed on SVNIT campus on payment basis. Please refer to <http://svnit.ac.in/web/campus.php?tag=guesthouse> for more details.

## CORRESPONDENCE ADDRESS

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## ABOUT TRANSPORTATION ENGINEERING AND PLANNING SECTION

**Transportation Engineering and Planning Section (TEP)** section of SVNIT was established in the year 2007. The yearly intake of master’s programme in Civil Engineering Department in **Transportation Engineering and Planning Section** is 20. Since its inception, more than 100 students have completed their master’s programme and 10 students have completed their doctoral studies in Transportation Engineering and Planning. The alumni of the section are well placed in leading consultancy firms and academic institutions, while some of the alumni has joined doctoral program in reputed institutions in India and abroad. The section has strong academic ties with **CSIR-CRRI, IITs, NITs, University of North Carolina, Charlotte, Queensland University of Technology, University of Missouri** etc. SVNIT Surat was one of the seven premier institutions involved with CSIR - CRRI in the successful completion of the Inter Agency Project (IAP) titled, “**Indian Highway Capacity Manual**” (*referred as ‘Indo-HCM’*) sponsored by Council of Scientific and Industrial Research (CSIR), New Delhi. Delhi. The researchers of the section publish more than 40 papers in peer reviewed journals and conferences yearly. Presently, the section has on-going research projects awarded from prestigious agencies like **DST** and **MOUHA** with grant of more than 1.5crore. The faculty members of the section are also actively involved in consultancy works for government and semi government organisations in the areas of pavement design, intersection improvement, road safety and transport planning. The section has recently conducted four training programmes on **Road Safety Engineering Measures** in association with **Asian Institute of Transport Development (AITD)** and **MORTH**. The section has successful hosted three editions of national conference on Recent Advances in Traffic Engineering (RATE) and GIAN program on Road Safety. TEP, SVNIT was also co-organizer of 4<sup>th</sup> conference of Transportation Research Group (CTRG) of India in association with IIT-Bombay.

## STUDENT COORDINATOR

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## ORGANIZING INSTITUTE

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