

## **Research Symposium**

November 9-10, 2016

### **Urban Mobility India Conference** **Planning Mobility for City's Sustainability**

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The focus on urban transport research in India is relatively recent and largely an outcome of the National Urban Transport Policy 2006 which sought to prioritise mobility of people over vehicles. With an objective to coordinate the research efforts in the areas of urban transport in line with the NUTP recommendations and to effectively disseminate the findings, a Research Symposium is organized as part of the annual Urban Mobility Conference every year.

This year, the Conference will be held at Gandhinagar from 8<sup>th</sup> to 11<sup>th</sup> November 2016. The theme of the Conference is **“Planning Mobility for City's Sustainability”**. A Research Symposium will also be held as part of this conference on 9<sup>th</sup> -10<sup>th</sup> November 2016. The symposium is proposed as a platform to highlight the current research undertaken by young researchers belonging to various academic/research institutions.

The purpose of the Research Symposium is to:

- Encourage young researchers working in various facets of urban transport to present their research work and provide them an opportunity for networking with fellow researchers and professionals.
- Enhance capacity building of young researchers in the field of urban transport, and
- Contribute towards building up of research database, its dissemination and identification of research thrust areas in the country.

Eight research sub-themes in concurrence with the theme of the Conference have been identified for the Research Symposium. Papers pertaining to these sub-themes are being invited from young researchers and select papers for presentation at the Research Symposium would be shortlisted through a peer review process.

The Centre of Excellence in Urban Transport – CEPT University, Ahmedabad will be coordinating the Research Symposium this year.

### **CALL FOR ABSTRACTS**

We invite researchers from various academic/research institutions who have recently graduated (in the last 2 years), current students pursuing their graduation /post-graduation and PhD scholars to submit abstracts for their papers on the following sub-themes. Papers focusing on issues/best practices from other countries may also be considered provided their applicability to Indian cities is clearly outlined.

#### **ST-1 Integrated Land use Transport Planning**

Enabling and encouraging integrated land use and transport planning has been recognized as a pre-requisite to sustainable cities. Papers in this sub-theme should focus on coordinated transport-urban plan case studies, initiatives undertaken for land use transport integration, providing accessibility for all, multi-modal integration (public transport, non-motorized modes and intermediate public transport or any other aspect of integrated planning as outlined in NUTP.

**ST-2 Transport Policy and Practice**

Even after a decade of NUTP, most Indian cities still follow the conventional transport planning approach which focuses on facilitating smooth vehicular movement through road capacity enhancements. To ensure a better translation of policy to practice, reforms in institutional structures and legislative frameworks are essential. This sub-theme covers measures for ensuring coordinated planning and implementation of urban transport projects as well as integrated management of urban transportation systems.

**ST-3 Public Transport Planning, Operations and Management**

The public transport systems in the country have not been able to keep pace with the rapid increase in travel demand in the recent past which has led to declining ridership. Public transport strategies focusing on better planning, operations and management or dealing with understanding of passenger behavior and/or public transport service quality are covered under this theme.

**ST-4 Travel Demand Management for Sustainable Mobility**

Travel demand management focuses on changing or reducing demand of single-occupancy private vehicles on road and can be a useful tool to promote sustainable mobility. This includes measures like parking management, road pricing, vehicle ownership restraints and other regulatory mechanisms (odd-even, entry controls) along with complementary strategies of NMT priority and public transit in Indian context.

**ST-5 Green, Safe and Inclusive Transport**

The unplanned and unprecedented urbanisation and motorisation in the country has put the environment, air quality and human life at risk. Deteriorating air quality levels in urban centres and worsening road safety are serious concerns for Indian cities. The papers in this theme should include cases which deal with measures that will help tackle environment and safety impacts or, strategies which are accessible, affordable, and equitable for all the citizens.

**ST-6 Transport Economics and Finance**

Transport projects are generally evaluated using financial analysis, neglecting other factors like social costs and externalities. These, together with economic development, equity and the complex distribution of benefits and impacts must also feature in the transport appraisal process. In terms of transport financing, most investments in cities are made in road improvement/widening schemes/flyovers and mass transit systems, with little emphasis on operations and management of existing systems and non-motorised modes. This theme would cover papers dealing with impact assessment and appraisal processes along with innovative financing mechanisms like mobilisation of funds through exploitation of land resources, private sector participation, value capture mechanisms, etc.

**ST-7 Planning for Future Transport Systems**

The future of transport lies in technology enabled systems to meet the demand of commuters and in assisting management of urban transport systems with real time information and dynamic solutions.

Such technology enabled system more commonly referred to as “Intelligent Transport Systems (ITS)” are being applied extensively in public transport operation management, traffic management, road safety, obtaining commuter feedback etc. Papers in this category should discuss examples of the applications of ITS in improving urban mobility.

**ST-8 Freight Management**

Inefficiency of freight management in our cities adversely affects cost of products, energy consumption, environment, safety, security and resource use and eventually the urban economy. Papers in this sub-theme will focus on efficient freight management measures which help in ensuring smooth flow of goods while minimising the negative externalities.

# MINISTRY OF URBAN DEVELOPMENT, GOVERNMENT OF INDIA

## IMPORTANT DATES

Deadline for Submission of abstract	15 <sup>th</sup> July, 2016
Date of intimation to authors about review result	29 <sup>th</sup> July, 2016
Deadline for submission of full length paper	9 <sup>th</sup> Sep,2016
Intimation of selection for presentation at conference	10 <sup>th</sup> Oct, 2016
Deadline for submission of presentation	28 <sup>th</sup> Oct, 2016
Research Symposium at Urban Mobility India 2016	9 <sup>th</sup> & 10 <sup>th</sup> Nov, 2016

## GUIDELINES FOR SUBMISSIONS

Submission should be made online. Young researchers need to register on [www.urbanmobilityindia.in](http://www.urbanmobilityindia.in) under the section research symposium to submit their abstracts. The following details need to be provided for registration and submission of abstract:

- **Name of First Author**
- **Name of Second Author, if any**
- **Name(s) of other Author, if any**

Information of the first author in the following format is to be provided.

- **Institute/Organization of the First Author:**
- **Department:**
- **Head of Department:**
- **E Mail:**
- **Mobile No:**
- **Theme Selected**
- **Title of the Abstract:**

In case of incomplete information, the entry shall not be accepted.

## GUIDELINES FOR SUBMISSION OF ABSTRACT

**The maximum number of words is 500.** Start the page with the paper title, using Times New Roman, 14 pts Bold Capital Font, centered.

For Example "**AN INTEGRATED APPROACH TO PUBLIC TRANSPORT PROVISION**". The body of the abstract should be Times New Roman font, size 12 pt, fully justified, single spacing, no spacing between paragraphs, starting with the word "**ABSTRACT**" (bold).

The submission should be in the MS-Word. Note: the abstract **should not** contain name of the author(s).

**The abstract must be submitted online for the peer review at [www.urbanmobilityindia.in](http://www.urbanmobilityindia.in) by 15<sup>th</sup> July 2016.**

Information about the selection or otherwise of the abstracts shall be communicated by email by **29th July 2016** after which they would need to submit the full paper by **9th September, 2016**. The guidelines for the submission of full paper will be communicated along with information about the selection or otherwise of the abstracts. Intimation of selection for presentation at conference will be communicated by email by **10th October, 2016**. The selected authors will have to submit the presentation for review by **28th October, 2016**.

# MINISTRY OF URBAN DEVELOPMENT, GOVERNMENT OF INDIA

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