<table>
<thead>
<tr>
<th>Time</th>
<th>Tue, Feb 12</th>
<th>Wed, Feb 13</th>
<th>Thur, Feb 14</th>
<th>Fri, Feb 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-7:30 AM</td>
<td>Breakfast</td>
<td>Breakfast</td>
<td>Breakfast</td>
<td>Breakfast</td>
</tr>
<tr>
<td>7:30-8 AM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8-8:30 AM</td>
<td>Registration</td>
<td>Registration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:30-8:45 AM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:45-9:30 AM</td>
<td></td>
<td>Inaugural</td>
<td>Plenary</td>
<td>Plenary</td>
</tr>
<tr>
<td></td>
<td>Paper Session-1</td>
<td>function /</td>
<td>Session I</td>
<td>Session VII</td>
</tr>
<tr>
<td>9:30-10:15 AM</td>
<td></td>
<td>Plenary</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Session V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:15-10:30 AM</td>
<td>Coffee Break</td>
<td>Coffee Break</td>
<td>Coffee Break</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>10:30-10:45 AM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:45-11:15 AM</td>
<td>Coffee Break</td>
<td></td>
<td>Plenary</td>
<td>Workshops</td>
</tr>
<tr>
<td>11:15-11:30 AM</td>
<td>Paper Session-2</td>
<td>Plenary</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:30AM-12:15 PM</td>
<td></td>
<td>Session-II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:15-12:30 PM</td>
<td>Lunch</td>
<td>Lunch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:30-1 PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:1:30 PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:30-1:45 PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:45-2:30 PM</td>
<td>Paper Session-3</td>
<td>Plenary</td>
<td></td>
<td>Closing</td>
</tr>
<tr>
<td>2:30-3 PM</td>
<td></td>
<td>Session-III</td>
<td></td>
<td>function /</td>
</tr>
<tr>
<td>3-3:30 PM</td>
<td></td>
<td></td>
<td></td>
<td>Workshop</td>
</tr>
<tr>
<td>3:30-3:45 PM</td>
<td>Coffee Break</td>
<td>Coffee Break</td>
<td></td>
<td>Reports</td>
</tr>
<tr>
<td>3:45-4:30 PM</td>
<td>Paper Session-4</td>
<td>Plenary</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4:30-4:45 PM</td>
<td></td>
<td>Session-IV</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4:45-5:30 PM</td>
<td>Reception</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5:30-6 PM</td>
<td></td>
<td></td>
<td>Free Time</td>
<td></td>
</tr>
<tr>
<td>6-6:15 PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6:15-7 PM</td>
<td></td>
<td></td>
<td>Free Time</td>
<td></td>
</tr>
<tr>
<td>7-7:30 PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:30-8 PM</td>
<td>Cultural Program</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8-8:30 PM</td>
<td>Dinner</td>
<td>Dinner</td>
<td>Banquet</td>
<td>Dinner</td>
</tr>
<tr>
<td>8:30-9 PM</td>
<td></td>
<td></td>
<td>Dinner</td>
<td></td>
</tr>
<tr>
<td>9-9:30 PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*International Scientific Committee will meet from 3:30 – 4:00 PM for final debriefing.
TENTATIVE PROGRAM DETAILS

Tuesday, February 12: 8:30 – 10:45 AM
Paper Session 1: Analysis of Public Transport Systems (8 presentations @ 15 min = 120 min)

Performance Evaluation of State Transport Undertakings
Naresh Gandu, National Institute of Technology, Calicut

Public Transport Route Network Design
Carol Varghese – National Institute of Technology, Calicut

Evaluation of Utility of Mumbai’s Suburban Trains

Integrated Transport Systems for Ahmedabad City
Pratik Dave, P.J. Gundaliya, H.R. Varia – L.D. College of Engineering, Ahmedabad

Public Transit Fleet Management for Greater Mumbai
Valekar Priti S. – Indian Institute of Technology, Mumbai

Optimal Transit Route Network Design (OTRND)
Ishtiyaq Gull. – Indian Institute of Technology, Mumbai

Coordinated Feeder Route Generation for Urban Condition
Soumyajit Ghosh, K.V.Krishna Rao – Indian Institute of Technology, Mumbai

Urban Mass Transit System for Hyderabad: A Comparison of MMTS and Metro
Satyam Shivam Sundaram and G. Raghuram – Indian Institute of Management, Ahmedabad

Tuesday, February 12: 11:15 AM to 12:15 PM
Paper Session 2: Travel Demand Modeling and Forecasting (3 presentations @ 15 min = 45 min)

Data Analysis for Intercity Air Travel in India
A.M. Jain and K. Ramachandra Rao – Indian Institute of Technology, New Delhi

Public Transport Multi Routing Method in Cube Voyager
Madhav Pai – Citilabs, Inc., USA

Expert System for Evaluating Urban Transportation Strategies in Guwahati City
Rohit Shankar, Ashish Verma – Indian Institute of Technology, Guwahati
**Tuesday, February 12: 1:45 – 3:30 PM**  
*Paper Session 3: Simulation of Transport Systems (4 presentations @ 15 min = 60 min)*

Data Structure for an Object Oriented Activity Scheduling Simulation Model  
*Bindhu Muralidhar, P.J. Gundaliya, Tom V. Mathew, and S.L. Dhingra – Indian Institute of Technology, Mumbai*

A Microsimulation Approach for Travel Demand Analysis  
*Shashi Kanth Menchu – Indian Institute of Technology, Mumbai*

Design and Development of a Multi-Objective Transit Passenger Information System Using GIS  
*Saurabh Kasturia and Ashish Verma – Indian Institute of Technology, Guwahati*

Micro-Simulation of Heterogeneous Single Lane Traffic in Vissim for Computing Link Travel Time  
*Guru Charandas Nunna and Tom V. Mathew – Indian Institute of Technology, Mumbai*

---

**Tuesday, February 12: 3:45 – 4:45 PM**  
*Paper Session 4: Analyzing Travel Behavior (4 presentations @ 15 min = 60 min)*

Travel Behavior in an Urban Educational Area – A Case Study of Ahmedabad City’s University Area  
*Sandip Rathod, P.J. Gundaliya, B. Srirama – L.D. College of Engineering, Ahmedabad*

Study of Work Trip Pattern of Two Contrasting Residential Settlements in Tiruchirapally City  
*Samson Mathew, Sunitha V., Resmi R., Indu N. – National Institute of Technology, Tiruchirapally*

Potential Errors Due to Network Data Level of Service Attributes in Travel Behavior Modeling: An Exploratory Study  
*Bharat P. Bhatta – Molde University, Norway*

Microsimulation Technique for Residential Location Choice: A Case Study  
*M Kumar, Osmania University and K.V. Krishna Rao, Indian Institute of Technology, Mumbai*
Wednesday, February 13: 8:45 – 09:15 AM
Inaugural Function

Welcome and Objectives of the Symposium
Ashish Verma, Indian Institute of Technology Guwahati
Ram Pendyala, Arizona State University, Tempe

Overview of Civil Engg. Dept. Activities
Anjan Dutta, H.O.D. (Civil), Indian Institute of Technology Guwahati

Overview of the Institute Activities
Prof. Gautam Barua, Director, Indian Institute of Technology Guwahati

Indo-US S&T Cooperation - Perspectives and Opportunities
Smriti Trikha, Indo-US Science and Technology Forum (IUSSTF), New Delhi

Vote of Thanks
Ashish Verma, Indian Institute of Technology – Guwahati

Wednesday, February 13: 9:15 – 10:15 AM
Plenary Session I

Government of India Perspective
S.K. Lohia, Ministry of Urban Development, New Delhi

World Bank Perspective
Mr. Hubert Nove Joserrand, World Bank, New Delhi

Wednesday, February 13: 10:45 AM – 12:30 PM
Plenary Session II:

Kumares Sinha
SL Dhingra
R.K. Jha
Raghava Chari
Elaine Murakami

Wednesday, February 13: 1:45 – 3:30 PM
Plenary Session III:

Patricia L. Mokhtarian
Hani Mahmassani
O.P. Agarwal
V Thamizharasan
R Rastogi

Wednesday, February 13: 3:45 – 5:30 PM
**Plenary Session IV:**

Steve Polzin  
G.R. Madan  
G Raghuram  
Bhargab Maitra

**Thursday, February 14: 8:30– 10:15 AM**  
**Plenary Session V:**

Chandra Bhat  
Karthik Srinivasan  
VM Tom  
T. S. Reddy

**Thursday, February 14: 10:30 AM – 12:15 PM**  
**Plenary Session VI:**

Paul Waddell  
KV Krishna Rao  
Partha Chakraborty  
Kalaga R. Rao

**Friday, February 15: 8:30 – 10:15 AM**  
**Plenary Session VII:**

Integration of Activity Patterns Through High Resolution Population Distribution and Dynamics  
*Budhendra Bhaduri, Eddie Bright, Phil Coleman, Cheng Liu, Jim Nutaro – Oak Ridge National Laboratory, Oak Ridge*

Mark Bradley  
Konstadinos Goulias  
S Velumurugan

**Friday, February 15: 10:30 AM – 12:30 PM**  
**Workshops**

Workshop A: Data Needs and Collection Methods  
Elaine Murakami  
Konstadinos Goulias  
KV Krishna Rao  
R Rastogi

Workshop B: Sustainable Transportation in an Era of Change (Rapid Economic and Technological Development)  
Patricia L. Mokhtarian  
Hani Mahmassani  
SL Dhingra  
G Raghuram
S Velumurugan

Workshop C: Understanding Activity - Travel Behavior in a Multicultural Context
Chandra Bhat
Mark Bradley
V Thamizharasan
Karthik Srinivasan
V M Tom

Workshop D: Public Transportation Systems – Maintaining Competitive Viability
Steve Polzin
Kumares Sinha
O.P. Agarwal
SK Lohia
G.R. Madan
Partha Chakraborty
Kalaga R. Rao

Workshop E: Integrated Land Use – Transportation Planning
Paul Waddell
Raghava Chari
RK Jha
H. Nove-Josserand
Bhargab Maitra
T. S. Reddy

Friday, February 15: 1:45 – 3 PM
Closing Function and Plenary Session – Workshop Reports
Workshop A: Data Needs and Collection Methods
Workshop B: Sustainable Transportation in an Era of Rapid Change (Rapid Economic and Technological Development)
Workshop C: Understanding Activity - Travel Behavior in a Multicultural Context
Workshop D: Public Transportation Systems – Maintaining Competitive Viability
Workshop E: Integrated Land Use – Transportation Planning

Note: The workshops will be held in parallel. For each workshop there is a limited capacity of about 15 participants. Hence, all participants (other than invited speakers, who are already grouped) will be asked to opt for only one of the five workshops based on their interest, subject to the availability of seat in the chosen workshop.