

Institute of Urban Transport (India) – Mumbai Chapter

Minutes of IUT Mumbai Chapter meeting held on 18th June, 2011 at IIT Bombay, Mumbai

Time and Date: 11.00 hrs on Saturday 18-06-2011

Venue: 2nd Floor Seminar hall, Victor Menezes Convention Centre, IIT Bombay, Mumbai-400076

Members present: About 30 no of IUT Members / Transportation Professionals from various organizations were present in the meeting. The list of participants are furnished at ‘Annexure-A’.

Points discussed:

Opening remarks by Prof. S.L.Dhingra, Chairperson, IUT(I) – Mumbai Chapter

Item No 1

Message from Executive Secretary IUT(I)

The next meeting of the Steering Committee for UMI 2010/2011 has been scheduled at 15.30 Hrs on Wednesday the 8th June, 2011 in Room No. 123 ‘C’ Wing, Nirman Bhawan, Maulana Azad Road, New Delhi.

The agenda for the meeting will be sent separately.

Kindly make it convenient to attend.

Regards,
C L Kaul

Executive Secretary/IUT

Item No 2

UNDP-IUT mandate and Business Plan for IUT

Dear All at Deloitte,

We had thorough discussion on the UNDP-IUT mandate and Business Plan for IUT .

Dhiraj has summarized the discussions pretty well. For this you have to deal in details each sub-heads with data mining and compiling to bring out a full fledged Report in reasonable time frame.

Please feel free to contact us for any discussions /suggestions.

IUT(I) Mumbai Chapter will be glad to extend all help and assistance.

Keep in touch.
Dhingra

Background of Deloitte's study

The Government of India (GoI) has applied to the Global Environment Facility (GEF) to implement Sustainable Urban Transport Project (SUTP) in India to ensure that environmental considerations are taken into account in the application of the National Urban Transport Policy (NUTP) and to achieve a paradigm shift in India's urban transport systems in favour of sustainable development. The Ministry of Urban Development (MoUD) has been appointed as the nodal agency for the implementation of this project.

Component 1 of GEF-SUTP comprises tasks required for capacity building in the field of sustainable urban transport. The National Capacity Development Initiatives will help the governments at the Central, State and city levels to strengthen the core functions necessary for the efficient administration of Urban Transport. One of the sub-component of this study pertains to "Institutional Capacity Development", particularly focusing on strengthening the Institute of Urban Transport (IUT);

This study has been designed to identify and understand the key challenges for IUT, identify scope for improvements, and develop strategies to rectify the concerns and strengthen the organisation. In order to achieve this capability the study envisages:

- **Clear articulation of IUT's vision and value proposition-**
- **Review of IUT's present activities and capacities**
- **Identification of services**
- **Development of delivery structure**
- **Determination of cost & financial model**
- **Formulation of competitive strategy**

Meeting Minutes

Date – 23 / 5 / 2011

Time – 3:30 pm

Venue – IIT Bombay Campus

Participants

Sr. No.	Name	Organization
1.	Prof. S.L.Dhingra	IIT Bombay, Chairperson, IUT Mumbai Chapter
2.	Sadguna Nuli	IIT Bombay, Joint Secretary, IUT Mumbai Chapter
3.	Kishore Sasane	IIT Bombay, Joint Secretary, IUT Mumbai Chapter
4.	SSV Subbarao	IIT Bombay
5.	Caleb Ronald	IIT Bombay
6.	Jayant Sangole	IIT Bombay
7.	Ayyappa Rao	IIT Bombay

8.	Ali Hashem Hakimelahi	IIT Bombay
9.	Dhiraj Shetty	Deloitte

The meeting's agenda was to meet with the IUT's Mumbai chapter and get a perspective of its functioning, activities undertaken by the Mumbai chapter, organizational level challenges faced and how they could be addressed, proposed role that could be undertaken by IUT in the future and the expectations of the Mumbai Chapter from this study. Key points discussed during the meeting are summarized below.

Key activities undertaken by IUT's Mumbai Chapter –

- Projects / studies on behalf of local agencies such as MMRDA / MSRDC / CIDCO
- Bi-monthly meetings amongst members of the Mumbai Chapter to discuss existing / new projects. Meetings attended by representatives of MMRDA, CIDCO and other local bodies
- The 2012 International Urban Mobility Conference is proposed to be hosted by IUT's Mumbai chapter
- IUT's Mumbai chapter intends to bid for 2016 World Conference on Transport Research Society (WCTRS). IISc Bangalore has indicated that it would support IUT's Mumbai chapter for the same

Key Challenges faced by IUT's Mumbai Chapter -

- Lack of adequate funding / grants, and limited revenue generation opportunities
- Lack of human resources at all levels (basically due to lack of funding)
- Lack of co-ordination amongst local urban transport agencies, leading to redundancy of efforts. For example, in Mumbai, the All India Institute of Local Self-Governance (AIILSG) has initiated a Mumbai Transformation Project, which looks into urban transportation issues in Mumbai. However, there has been no coordination between AIILSG and IUT in reference to this project

Proposed future Role of IUT

- IUT could try and mirror the “Institute of Transportation Engineers” (ITE) model. Possible roles to be undertaken could include -

- Repository for data – for example, create and maintain an online database for vehicular counts / accident data / GIS maps etc. which can then be made available to end users for a fee
- Research pertaining to policies / regulations for enhancing sustainable urban transportation in major cities in India
- Publish books / research articles pertaining to urban transportation and become a repository for technical information.

IUT's Mumbai Chapter's expectation from Deloitte study -

- Identify Resources
- Identify Tasks
- Funding and Monitoring role of IUT

Item No 3

Message from Shri B.I.Singal, Director General, IUT(I)

I am pleased to enclose the following decision taken at the last meeting of the Executive Committee. The objective was to provide you with funds to further the activities of IUT.

Best wishes

B I Singal

Thanks to Shri B.I.Singal, Director General, IUT(I) for the good news.

This will make the Chapters better of with respect to conduct of our bi-monthly get-togethers

Item No 4

Activation of Chapters

DG, IUT presenting the proposal indicated that it is necessary to activate Chapters of IUT to expand IUT operation. Requests have also been made from Kolkata and Vizag for the opening of Chapters in these cities. The EC approved the proposal subject to the following:

- (a) The sharing of Membership fee generated by the chapters would be in the ratio of 50:50
- (b) The amount will first be received by the IUT and then disbursed to the Chapters.

- (c) The chapters will submit to IUT audited accounts of the amounts disbursed to the Chapter and the same shall be integrated into the main Account of IUT.

Item No. 5

- We appreciate Systra MVA sponsoring the meetings. To encourage Members attendance at IUT(I) Chapter meetings,
- let's keep a register for the attendance for encouraging more students participation. The best attendee may be rewarded. [Mr. Ranbir Saran Das, Managing Director, Fairwood group, India announced the best attendee will be awarded a fellowship to attend WCTR -2013](#)

Item No. 6

- It is my pleasant duty as CAR for WCTRS to invite all of you to become member of WCTRS and contribute and participate in the WCTR Conferences held every 3 years. The next one (the 13th WCTR-2013) will be held at Rio de Janeiro.
- TSE IIT Bombay is Bidding for 14th WCTR-2016.
- Kindly extend all round support for the same.

Item No 7

- As member of the Management Committee of /Executive Committee of IBEC-ITS [\[Intl Benefits Evaluation and Costs \(of ITS\) \]](#) all of you invited to become its members (www.ibec-its.co.uk/?q=membership)

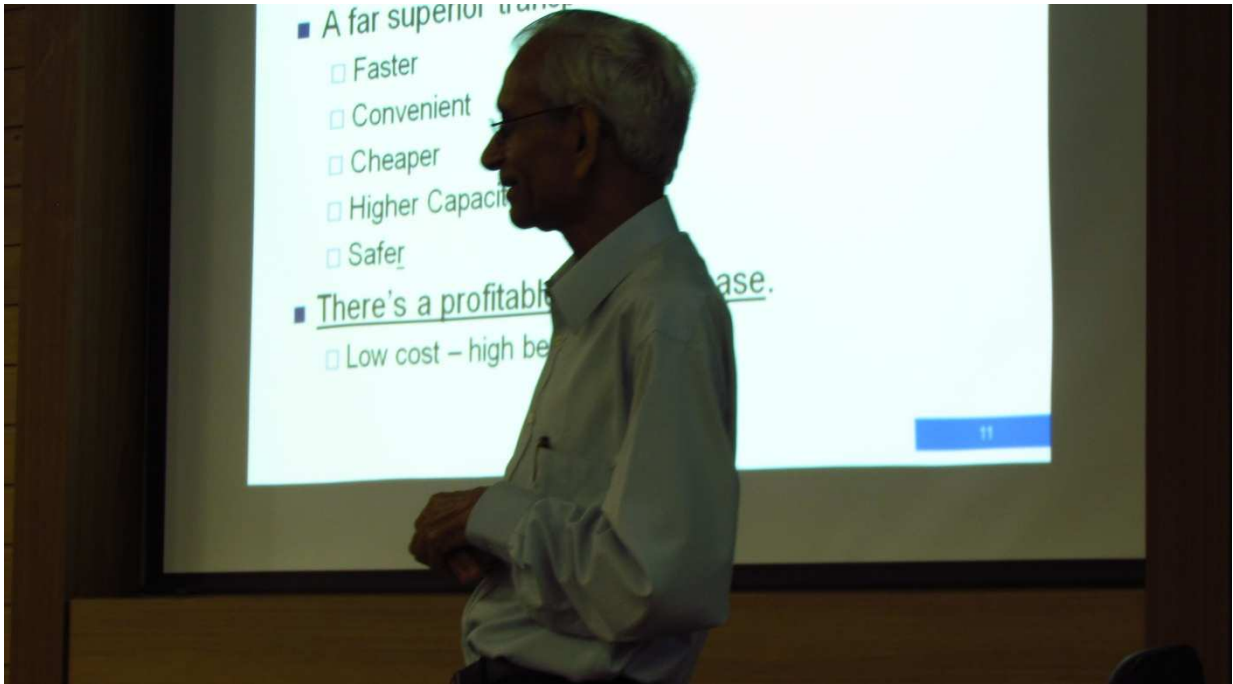
Item No 8

Technical presentations

Three technical presentations were made by eminent experts Prof. S.L.Dhingra, IIT Bombay, Mumbai, Mr. Dinabandhu Patra, Managing Director, Across & Beyond Development Consultancy Pvt. Ltd., Mumbai, and Mr. Ranbir Saran Das, Managing Director, Fairwood group, India. The details are shown in 'Annexure-B'. Chairman Prof. S. L. Dhingra chaired the presentation session.

- It was decided to hold the next IUT Mumbai Chapter meeting sometimes in the month of August .

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Prof. S.L. Dhingra presenting "Issues related to PRT implementation" by Prof. S.L. Dhingra/ Shri G.R. Madan



Mr. Dinabandhu Patra presenting "PRT as a system and as a technology: prospects and limitations; and is there a current breakthrough?"



Mr. Ranbir Saran Das presenting Ultra Technology, Amritsar, and Gurgaon PRT systems



Annexure-B

Institute of Urban Transport (IUT) - Mumbai Chapter

Institute of Urban Transport-Mumbai Chapter organized a meeting-cum-presentation on 18th June, 2011 at IIT Bombay, Mumbai. The meeting was attended by about 30 Transportation Professionals from organizations like SYSTRA MVA, CIDCO, IIT Bombay, Across & Beyond, Fairwood, Reliance Infra, Tata Realty & Infrastructure Ltd, and Sowil Limited. Prof. S.L. Dhingra, Chairman IUT- Mumbai Chapter welcomed all the members and chaired the presentation session. Following three technical presentations were made during the programme.

Presentation -1

“Issues related to PRT implementation” by Prof. S.L. Dhingra/ Shri G.R. Madan.

The presentation began with the introduction and objectives of PRT. The key points of the presentation are as follows.

- Objectives - Decongestion, comfort, convenience, and clean environment.
- Implementation – in Japan(1978) as CVS, and, in UK (Heathrow) as Ultra
- Studies Conducted – Europe, USA, Germany, and Abu Dhabi
- Proven technology – Propulsion, control and regulation switching
- Case study SkyTran
- Features – Automated, on demand, non-stop, seamless point –point, and specially built guide way.
- Deployability
- Cost comparison between Metro rail and PRT
- Level of service between integrated multi-modal transit and uni-modal transit system
- Finally, suitable for transport of packaged goods and utility services.

Presentation – 2

“Introduction to PRT as a system and as a technology: prospects and limitations; and is there a current breakthrough?” By Mr. Dinabandhu Patra, MD, Across & Beyond Development Consultancy.

Mr. Dinabandhu introduced the PRT as direct origin to destination service, no need to transfer or stop small vehicles, service on demand – not scheduled, fully automated vehicles, small exclusive guideways, and flexible network – no linearity as with metro rail, huge land savings comparison, and finally energy savings. Then, with respect to strengths of the PRT as a system, he discussed about capital cost savings (small guide ways), time savings, guideway options in urban environment, and capacity comparison with conventional transit systems. Finally, he has presented various PRT implantations at Heathrow (London), Masdar (Abudhabi), and Uppsala(Sweden).

Presentation – 3

“Technical presentation on the ULTra technology and Amritsar and Gurgoan PRT systems” by Mr. Ranbir Saran Das, Fairwood Consultancy.

Mr. Ranbir introduced PRT as a urban mobility, environment sustainability, city upgradation, and value creation. Then, he discussed about its various features such as on call, no waiting, full journey, high capacity of system, low carbon, no conflict, rapid, high personal comfort, affordable fare etc. He has also explained the ease of construction of PRT with various case studies such as Amritsar and Gurgoan. Then, he covered about various special applications such as CBD, old & dense cities, Special economic zones (SEZs), airports, pilgrimage centers, exhibitions, tourism destinations. Finally, he concluded with various projects by Ultra Fairwood in Asia, India, UK, and USA.

All three presentations were followed by very lively discussions.