



# Institute of Urban Transport Newsletter (India)

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## Conference on I.T.S. & Sustainable Mobility under JNNURM Initiatives in India

The Institute of Urban Transport with the support of the Ministry of Urban Development, Government of India, organized a combined Conference & Exhibition on I.T.S. & Sustainable Mobility under JNNURM Initiatives in India in association with AITS on December 3-5, 2007 at India Habitat Centre. This event coincided with the Institutes Annual Congress 2007. Sh. Anwarhul Hoda, Member Planning Commission inaugurated the event and Sh. M. Ramchandran, Secretary Ministry of Urban Development presided. Total number of 145 persons participated in the event.

The Ministry of Urban Development sponsored the event,

which was supported by various organizations like Bangalore Metropolitan Transport Corporation (BMTC), Rail India Technical & Economic Services (RITES), Urban Mass Transit Company (UMTC) and Project Development Corporation Ltd (PDCOR). The event included Inauguration of IUT Annual Congress and Distribution of IUT Awards, and Technical Session on “ Sustainable Transport and Urban Form”, “ Urban Transport and Social & Environmental Issues”, “Sustainable Transport Policies Legal, Financial and Institutional Issues”, Sustainable Transport Technologies.



Shri M. Ramachandran, Secretary, Ministry of Urban Development and President, IUT addressing the Conference

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**Shri M. RAMACHANDRAN**, Secretary, MOUD and President IUT welcomed the delegates and mentioned that three towns were considered for Awards for Excellence. He congratulated the towns, which were recommended for awards and their efforts to improve sustainable urban mobility.

It was announced that from next year, this will be more specific to different aspects of urban transport planning management and research and accordingly will recognize excellence in urban transport in the following fields :

- PPP initiative in Urban Transport
- Cycle rickshaw
- Cycle Transport Project
- Mass Transit Project
- Environment Friendly Project
- Intelligent Transport System Project
- Multi-modal Integrated Project
- Comprehensive Integrated Plan having integrating land use and transport planning
- Project Management, Research Work in Urban Transport in India- for Research Institutions

Shri Ramachandran also announced that from now onwards, IUT Annual Congress will be held on the 3rd and 4th December every year as it commensurate with the JNNURM Anniversary.

The IUT Awards for Excellence in Urban Transport Projects were then declared under the JNNURM Initiative for the year 2007. A Screening Committee appraised the entries received and based on their recommendations it was decided to give away three Awards for improvement in Urban Transport in the cities which were as follows:

1. **Indore**, Madhya Pradesh for developing Modern City Bus Service- Mr. Vivek Agarwal, Collector, Indore received the award



Shri Vivek Agarwal, Collector Indore, receiving the award

2. **Surat**, Gujarat, for developing state-of-art Bus Stands on design, build, operate and transfer model- Mr. J.M. Patel, Director of Planning, Municipal Corporation, Surat received the Award
3. **Faridabad**, Haryana for promoting non-motorised vehicles through scientific management of cycle–Shri Pushendra Chauhan, Addl. Commissioner, Faridabad received the award.

Shri Anwarul Hoda, Member, Planning Commission, Government of India while presenting the awards to the city representatives, congratulated the Institute of Urban Transport for taking the initiative to declare Awards for Excellence in promoting urban transport to local bodies covered under the JNNURM.

He was of the view that the functioning of the cities is of utmost importance to the growth of the country and urban transport is like the blood stream of cities and the economic efficiencies of the cities.



Shri Anwarul Hoda, addressing the Delegates

Shri. Hoda mentioned that the Government of India launched a National Urban Transport policy, which emphasizes the use of public transport system, cleaner technologies and better integration of land use with transport planning. Government has also launched the Jawaharlal Nehru Urban Renewal Mission with a view to upgrading the infrastructure and services in the cities through a programme.

He was happy to note that the Institute of Urban Transport was taking a lead role in the promotion and dissemination of Urban Transport knowledge through such events. He said that the Institute could be a nodal organization to promoting the cause of urban transport in the country and needs to be adequately equipped and strengthened.

## Annual General Meeting

The 11<sup>th</sup> Annual General Meeting of the Institute was held on 5<sup>th</sup> December 2007 at Gulmohar Hall, India Habitat Centre, Lodhi Road, New Delhi. Shri M. Ramachandran, Secretary, Ministry of Urban Development, & President of the Institute, could not attend due to pre-occupation. The meeting was chaired by Shri. A.S. Lakra, Vice President and was attended by 33 members. Dr. Sanjay Gupta with the permission of the chair welcomed the members present and announced that the meeting had to be adjourned for want of quorum. The meeting was reconvened after half an hour and regular agenda was taken up. The Minutes of the 10<sup>th</sup> Annual General Meeting held on 15<sup>th</sup> December 2006, were considered and approved.

1. Dr. Sanjay Gupta, Hon'y. Secretary of the Institute highlighted the activities and developments at the Institute and informed that :-

❖ The Institute organized a workshop on “Urban Transport Modeling Trends & Analytical Advancement” in December 2006 and was inaugurated by Shri M. Ramachandran, Secretary, Ministry of Urban Development. Two foreign Experts, Prof. Martin Fellendorf, University of Technology, Graz, Austria, and Mr. Sonal Ahuja, Principal Project Manager Mott. McDonald (U.K) made presentations at the Workshop. The Technical Session was chaired by Dr. P.S. Rana while the panelists for the Technical Session included Dr. P.K. Sikdar, Prof. N. Ranganathan, and Dr. Sanjay Gupta.

❖ Another Workshop on Bus Rapid Transit System was held on 21<sup>st</sup> December 2006 at New Delhi. The Chief Guest on this occasion was Shri M. Ramachandran, Secretary, MOUD and President of the Institute. The Technical Session was chaired by Shri S.K. Lohia, Director Ministry of Urban Development Dr. Geetam Tiwari, of TRIPP, IIT Delhi, and Prof. Shivanand Swamy, CEPT, Ahmedabad, were resource persons for the event.

❖ Institute provided all the logistics support and assistance in the conduct of BRT planning workshops at Pune in April 2007, Indore in June 2007 and Ahmedabad in September 2007.

❖ Ministry of Urban Development had given a grant to the Institute of Urban Transport for “Preparation of a Detailed Project Report (DPR) for maintaining a Database related to Urban Transport in NUTIC”. The Central Institute of Road Transport (CIRT), Pune was entrusted with the task of preparing the required DPR. A Monitoring Committee was set up within the Institute to evaluate the reports submitted by the Consultant. CIRT is in the process of finalizing their Report based on the suggestions of the Monitoring Committee.

❖ The Institute brought out three issues of News Letters in the month of February, July & November 2007, which were circulated to all the members. The Institute brought out one issue of the Journal covering a wide spectrum of topics in the field of Urban Transport.

❖ During the period one Governing Council meeting was held on 1<sup>st</sup> November 2007 and sixteen Executive Committee meetings were held to review various activities of the Institute. During last Year, 36 new members were enrolled as Individual Members and 4 Institutional members taking the total membership to 1089 comprising 981 Individual members, 70 Associate members and 38 Institutional Members at the end of the year.

2. **Audited Accounts for the year ended 31<sup>st</sup> March 2007 :**

The Audited Accounts for the Financial Year and the Auditors Report along with the Income and Expenditure Account and Balance Sheet were considered and adopted by the General Body.

3. **Appointment of an Auditor for year 2007-2008 :**

M/s. Bindra & Associates as Auditor was approved for the year 2007-2008 by the General Body as per previous years fees and terms & conditions.

4. **IUT's Membership Fee :**

It was decided that following membership fees structure be made effective from coming financial year.

1. Life Membership : Rs 3000 Lump sum or
2. Annual Membership : Rs 500 per annum

## 5. Elections of the New Governing Council:

The Election Officer announced the following names of the candidates elected unanimously:

1. Sh. O.P. Agarwal - Vice President
2. Dr. P.K. Sikdar - Vice President
3. Dr. Geetam Tiwari - Member
4. Dr. P.K. Sarkar - Member
5. Sh. A.A. Sahay - Member
6. Dr. Sanjay Gupta - Member
7. Sh. S.K. Jagdhari - Member
8. Dr. K Ravinder - Member
9. Sh. Savin Bhatia - Member

6. The meeting ended with a vote of thanks to the chair.

## Members Achievement

Dr. E. Sreedharan, Individual Member (M-149) of the Institute of Urban Transport was born in 1932, in a remote village in Kerala, is a Civil Engineer belonging to the elite Indian Railway Service of Engineers. He had a distinguished career spanning 36 years on the Indian Railways, and retiring as Member Engineering, Railway Board and ex-officio Secretary to the Government of India.



He was in-charge of the prestigious 760 kms long Konkan Railway which he completed within an incredibly short period of 7 years. Thereafter, Dr. Sreedharan was entrusted with the difficult and complex Delhi Metro Project.

Following the success of Delhi Metro, Dr. Sreedharan has been spearheading efforts to provide Metro systems in other State capitals. In the process, metros have been planned for Bangalore, Hyderabad, Chennai, Mumbai, Kolkatta and Kochi.

The Institute is happy that Shri. E. Sreedharan has been nominated for the award of Padma Vibhushan as Republic Day honour, 2008, the second highest national civilian award. At the same time Dr. Sreedharan was also chosen "Man of the Year Award- Public Service" and "Indian of the Year Award"- from CNN- IBN for 2007. He has also been awarded "Plantinum Standard (Business)" by the Qimpro Foundation, Mumbai.

**INSTITUTE CONVEYS ITS CONGRATULATIONS TO DR. E. SREEDHARAN FOR THESE ACHIEVEMENTS AND WISH HIM MORE SUCCESS IN COMING YEARS.**

## Appeal for Members Expertise

Dear Member,

It is felt that there is tremendous amount of professional expertise available with IUT members, which needs to be tapped for the benefit of urban transport sector. It is proposed to compile a data bank of expertise available with the members of the Institute to undertake sponsored research studies on behalf of the Institute and to keep this information ready to be given to the Ministry of Urban Development and other organizations who need it.

The Institute appeals to all its members to kindly provide the details relating to their professional expertise on the IUT website [www.iutindia.org](http://www.iutindia.org) which would be taken up for compilation by the Institute. Further, we also request you to keep updating your professional activities from time to time.

**B.S. Diwan**

**Executive Secretary**

## New Institutional Member

### INDIVELOP- A PROFILE

INDIVELOP is an Organization based in New Delhi having experience in the area of promoting sustainable transport by providing a scientific management system of licensing of Cycle Rickshaws/ Auto Rickshaws across India with the intention of aiding enforcement, streamlining its operations for benefit of all stakeholders as well as to provide social security cover to the Rickshaw pullers/ Auto drivers at zero cost and risk to the Rickshaw pullers/ Auto Rickshaw drivers via Public Private Partnership model. INDIVELOP is currently persuing projects in the state of Haryana, Delhi, Uttar Pradesh, Punjab, Maharashtra and Union Territory of Chandigarh for implementation of projects on scientific management of Cycle Rickshaws and Auto Rickshaws. Both the projects contribute in achieving the objectives of the Comprehensive Urban Mobility Plan as per the National Urban Transport Policy especially organization of Non Motorized Transport using Cycle Rickshaws and Intermediate Transport consisting of Auto Rickshaws in Urban areas.

**Contact Address:**

**INDIVELOP, 56, Hemkunt Colony,**

**New Delhi- 110048**

**Tele: + 91, -11, - 32521311, Fax: + 91-11- 26483400**

**E-mail: [indivelp@gmail.com](mailto:indivelp@gmail.com),**

**Website: [www.indivelp.com](http://www.indivelp.com)**

**WE WELCOME INDIVELOP AS 39<sup>th</sup>, INSTITUTIONAL MEMBER**

## New Institutional Members

### URBAN MASS TRANSIT COMPANY LIMITED- A PROFILE

UMTC was set up with a mandate to conceive, design and implement infrastructure facilities in the urban transport sector, primarily for public transport systems of all modes.

UMTC provides services for various aspects related to Urban Transport. UMTC works in association with various organizations - both national and international - so as to bring in multidisciplinary perspectives that range from legal, regulatory, technical, financial, environment and social.

UMTC was formed with following objectives:

- To carry on the business of planning, designing, development and construction of Mass Transit and other urban transport support systems, in India or abroad, of all types and descriptions, either individually or in association with other undertaking or Companies.
- To carry on the business of designing establishing, providing, maintain and perform engineering, technical and consultancy services for development of Railway Projects of all types and descriptions in India and outside India.
- To undertake and carry on the business of rendering technical advice, engineering service, furnishing technical know-how and management services.
- To assist other agencies related to the development of mass transit and other urban transport support system or for the manufacture of goods and materials required for mass transit and people mover projects of all kinds.
- To carry on business relating to construction of mass transit and similar urban transport system.

UMTC's focus is to undertake comprehensive transportation planning exercise; develop and promote multimode, integrated transport systems; and work towards institutional capacity building.

For the Urban Transport Project Development involving all aspects right from creating the project concepts to technology evaluation, detailing of the project contours, planning for and executing the procurement processes leading to commencement of project implementation and thereafter providing project management services.

**Contact Address:**

Urban Mass Transit Company Limited  
Core 4-B, 4<sup>th</sup> Floor, India Habitat Centre,  
Lodhi Road, New Delhi- 110003

Tele: + 91, -11, - 41790214 Fax:+ 91-11- 24682070 - 71

WE WELCOME UMTCL AS 40<sup>th</sup>, INSTITUTIONAL MEMBER

### INDORE CITY TRANSPORT SERVICES LIMITED- A PROFILE

1. Indore City Transport Services Limited (ICTSL) is a Public Limited Company incorporated under the Companies Act, 1956 and the management of the company is entrusted with the Board of Directors for effective management of the new transport system under Public Private Partnership model.

The main objectives of ICTSL are

- To create specialized and effective regulatory agency to monitor cost effective and good public transport services within the city of Indore with private partnership.
  - To establish and maintain line of passenger coaches to transport passengers.
  - To develop support system for improving transport infrastructure
2. The city bus route network system has been planned and designed on a scientific manner. Direction oriented Hub and Spoke pattern of routing has been adopted. Colour coding of routes and buses and their numbering has been carried out in such a manner that a commuter may easily identify the bus stop and intersection for convenient commuting.
  3. Terminals are important elements of the bus system and need to be conveniently located, sensitively designed and efficiently managed.
  4. For On Line Bus Tracking System (OLBTS) every bus is fitted with GPS based tracking device with online data transfer facility.
  5. Fully computerized Electronic Ticketing has been introduced for ticketing system for effective monitoring, control of conductors and management of ticketing data.
  6. The Indore City Transport Services Ltd. are expanding to include an internationally popular mode of mass transportation in Indore that shall equip Indore to take on the challenges of future, today. It shall bring the city on the fast track of development and afford the citizens of this city a rapid mode of commuting coupled with convenience with added advantage of environment conservation and safety BRTS has already been put in the fast lane of implementation.

**Contact Address:**

ICTSL, Plot No. 30, Residency Area Road, Opp. M.G.M. Medical College, Indore 452001 Tele: 0731 2499888

E-mail: info@citibusindore.com Website: www.citybusindore.com

WE WELCOME ICTSL AS 41<sup>st</sup>, INSTITUTIONAL MEMBER

## Metro Update

Delhi Metro Rail Corporation has since completed Phase-1 of the Project 65.1 km, which has three lines e.g., Shahdara- Rithala, Indraprastha - Dwarka, Central Secretariat- Vishwa Vidyalaya.

Delhi Metro rail transport system in Delhi has been a huge success and has the support of other cities. Accordingly, Phase-II consisting of 120 km has been planned which is primarily an extension of existing lines, besides high speed airport line connecting business Centre Connaught Place to Airport. The airport line will have check- in facilities at two places in Delhi and reduce travel time, presently running into hours to barely 18 minutes.



New Yamuna Bridge under construction

The tempo of construction work on Phase-II of Delhi Metro has picked up a great momentum and work on all the extensions and new corridors is going on simultaneously. Some of the proposed extensions have already crossed the 80% completion mark and are expected to be made operational in 2008. These are-

- a. Shahdara to Dilshad Garden
- b. Indraprastha to New Ashok Nagar (Delhi border)
- c. Vishwa Vidyalaya to Jhangirpuri
- d. Dwarka Sector-9 to Sector-21

In these sections, the work on OHE, signaling, telecome, etc. are getting completed.

As most of the lines have a direct impact on the Commonwealth Games scheduled for October 2010, these are being monitored at very high levels in the different concerned Central Ministries and by the Delhi Government.

There has been satisfactory progress in the tunneling operations on the central Secretariat- Qutub Minar corridor with two Tunnel Boring Machines silently drilling away, catching up with the tight schedules already laid down.

The Delhi Metro became the first Railway project in the world to be registered by the United Nations under the Clean Development Mechanism (CDM), which will enable it to claim carbon credits. DMRC started the CDM project in September 2006 with support of the Japan Carbon Finance Ltd.



Tunnel Boring Machine in action

With a view to keeping feeder bus services as a standalone sustainable operation, an independent bus operator was selected, which has been given buses by DMRC with necessary permits. The bus operator who has expertise in this field is now successfully operating feeder bus services from following Metro Stations :

- Shastri Park Metro Station
- Vishwa Vidyalaya Metro Station
- Pitampura Metro Station
- Rohini West Metro Station
- Pitampura Metro Station
- Janakpuri East Metro Station
- Dwarka Sector.10 Metro Station
- Pragati Maidan Metro Station

With the introduction of these feeder Bus routes commuters have been provided necessary assistance for them to travel on the Metro. Presently these buses are fan cooled but arrangement are being made to provide Air conditioned buses when new lot is put in service.

## Institute of Urban Transport

### List of Members of Governing Council (2007-2009)

S. N.	Name & Designation	Telephone No.
1	Sh. M. Ramachandran, President, Secretary MoUD	23062377 (O) 23730407 (R) secyurvan@alpha.nic.in
2	Dr. P.K. Sikdar, Vice President, Director-ICT	9810914051(M) 26863000(O) pksikdar@ictonline.com
3	Sh. O.P Agarwal, Vice President, CEO-UMTC	9810575828(M) 41790254 (R) opagar@gmail.com
4	Dr. (Prof.) P.K. Sarkar, Hony. Secretary, Head of Department Transport Planning, School of Planning & Architecture	23702388 (O) 4160883 (R) 9810469985(M) sarkar_52@yahoo.com
5	Sh. S.K. Jagdhari, Hony. Joint Secretary Commissioner, Railway Safety (Retd.) Institute of Permanent Way Engineers	29941407 (O) 9868289515 (M) jagdhary@yahoo.com
6	Sh. A.A. Sahay, Hony. Treasurer Chief Electrical Engineer, Railways (Retd.)	26890563 9868260894 (M) sahayaa@gmail.com
7	Dr. (Prof.) Geetam Tiwari, Member Asstt. Professor- TRIPP Indian Institute of Technology (I.I.T.)	26591047 (O) 98113 30216 (M) geetamt@gmail.com
8	Dr. Sanjay Gupta, Member Asstt. Professor School of Planning & Architecture (SPA)	23317767 (O) 9871860530 (M) drsgupta@rediffmail.com
9	Dr. K. Ravinder, Member Scientist Central Road Research Institute(CRRI)	26312268 (O) krrerri@gmail.com 9868852959
10	Sh. Savin Bhatia, Member Consultanting Engineer -NIPPON KOEI Corporation	28743433 (R) 9811113619 (M) savin_bhatia@yahoo.co.in
11	Sh. B.S. Diwan, Executive Secretary-I.U.T	22153311 (R) 9810361555(M) bsdiwan@hotmail.com

## Announcement

### 4<sup>th</sup> Annual Congress Conference & Exhibition on Urban Mobility - 2008

Institute of Urban Transport had organized the third Annual Congress and Conference on I.T.S. & Sustainable Mobility under JNNURM Initiatives in India on 3<sup>rd</sup> to 5<sup>th</sup> December 2007. It has been decided that the 4<sup>th</sup> Annual Congress will be organized as Urban Mobility Conference- Exhibition from 3<sup>rd</sup> to 5<sup>th</sup> December 2008 at Pragati Maidan New Delhi IUT had established Awards for improvement in Urban Transport and three Awards were given last year on specific items. The Awards to be given this year would be in the following categories: -

1. Best PP Initiative in Urban Transport
2. Best Cycle Rickshaw/ Cycle Transport project.
3. Best mass Transit project (BRTS, Metro/LRT etc)
4. Best environmental; friendly project
5. Best Intelligent Transport System Project
6. Best Multimode integrated project
7. Best Comprehensive Integrated plan having integrated land use and transport planning (for consultant)
8. Best project management (Consultant)
9. Best research work in urban transport in India (For Research Institutions)
10. Any other aspect which committee deem fit for consideration

The Municipal Corporations, State Governments and Selected Consultants will be requested to send proposal for consideration of the Committee set up to scrutinize and recommend Awards.

The entries would be evaluated for the usefulness of the project from the public prospective. Awardees may be considered for short-term training/ transfer of technology in countries practicing advance technology in urban transport.

For details please contact Sh. B.S.Diwan, Executive Secretary, IUT

## List of Functional Committees

After the elections of the Governing Council IUT has formed following Functional Committee for providing necessary support to the Governing Council: -

**(A) Technical Advisory Committee: -**

- Dr. P.S. Rana, Patron IUT- Chairman
- Shri. S.K. Lohia, Director (UT), MOUD
- Shri. A.K. Sharma, GM, RITES
- Dr. N.C. Satyawadi, Transport Economist
- Shri. Rajendra Verma, Consultant, ITDP
- Shri. Y.P. Sachdeva, AGM, RITES

This Committee will be responsible to monitor data compilation started by CIRT, initiate, supervise and monitor required transportation studies. Monitor and guide projects presently being managed by the Institute.

Vice President Shri. O.P. Agarwal and Prof. Dr. P.K. Sarkar, Hony. Secretary will attend all meetings of the Committee for guidance and coordination.

**(B) Publications Advisory Committees: -**

- Dr. Sanjay Gupta, SPA- Chairman
- Shri. R.C. Sharma, Transport Economist
- Smt. Suman Chopra, Editor, Urban Railways
- Shri. K. Ravinder, Scientist, CRRRI
- Prof. (Dr.) Geetam Tiwari, IIT
- Ms. Kanika Kalra, Transport Specialist, PMU

This Committee will be responsible to bring out quarterly journal as envisaged in the capacity building program under the World Bank/ UNDP/ GEF- SUTP. The Newsletter will also be issued regularly. The committee will also organize the books and journals received in the IUT library and system for their usage.

Vice President Dr. P.K. Sikdar and Prof. Dr. P.K. Sarkar, Hony. Secretary will attend all meetings of the Committee for guidance and coordination.

**(C) Committee on Administrative Issues: -**

- Shri. Savin Bhatia, Consultanting Engineer, NIPPON KOEI Corporation
- Shri. A.A. Sahay, Retd. CEE, Railways
- Shri. S.K. Jagdhari, Commissioner Railway Safety (Retd)

This Committee will be responsible for Budget Preparation & review, Office Maintenance, Taxation issues, Annual Audit of IUT and specific Grants including special events. Shri. O.P. Agarwal, Vice president, IUT and Prof. P.K. Sarkar, Hony. Secretary will attend all meetings of this committee.

*The members of all the Committees will be paid transport and incidental expenses per day for attending the meeting.*

**Dr. N.B. Johri, Former Jt. Director, NCRPB will be the common convener of all Committees.**

## Urban Transport- Road Based BRTS-Update

Bus Rapid Transit System (BRTS) is a well-established system of Mass Transit, which has been in existence for than 30 years and is at present operating successfully in about 40 to 50 cities in different continents, the concept is a bit new to India. The solutions adopted elsewhere for BRTS cannot be suo-motto applied to Indian conditions. As such a lot of care will have to be taken for implementation of BRTS in India in order to achieve the intended purpose.

Under JNNURM following BRTS Project have been sanctioned as indicated below: -

• Pune	101.70 Km	Rs 807.13 Crores
• Indore	11.45 Km	Rs 98.45 Crores
• Bhopal	21.71 Km	Rs 237.76 Crores
• Ahmedabad	58.00 Km	Rs 493.32 Crores
• Jaipur	26.10 Km	Rs 219.19 Crores
• Vijaywada	15.50 Km	Rs 152.64 Crores
• Vizag	42.80 Km	Rs 452.93 Crores
• Rajkot	29.00 Km	Rs 110.00 Crores
• Pimpri Chinchwad	23.00 Km	Rs 312.14 Crores

These BRTS Projects are under various stages of implementation. While many of the parameters of BRTS shall be city specific. BRTS requires specialized planning and management systems. The operation of the system requires a team specialized in planning, regulating and controlling bus system operations, ensuring the quality of service and security of the fare collection system.

### Contact Details :

**B.S. Diwan, Executive Secretary**

P. O. Box No. 5407, Nirman Bhawan,  
Maulana Azad Road, New Delhi 110 011.

Tel: 23063498, 23063054; Fax: 23063499

E-Mail: iutindia@gmail.com, iutindia@hotmail.com

Website: www.iutindia.org