

## Brief CV of Prof. S. L. Dhingra

Dr. S.L.Dhingra



### Institute Chair Professor

Transportation Systems Engineering,  
Civil Engineering Department,  
Indian Institute of Technology Bombay.  
Powai, Mumbai - 400 076.  
Ph : +91-22-2576 7329, +91 9820345493  
E.Mail : dhingra@civil.iitb.ac.in



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### Education:

- B.Sc Engg(Civil) & M.Sc Engg( Highways & Traffic) from Pb. Engg College, Chandigarh.
- Ph.D. from IIT Kanpur in Transportation Systems Engineering.
- FIE(I)
- M ASCE

### Employment:

Had been on the Faculty at:

- Punjab Engg.College,Chandigarh,
- Regional Engg. College Jaipur
- IIT Delhi and
- IIT Bombay

### Major Fields of Interest:

- Modelling of Multimodal Urban Mass Transportation Systems.
- Economic/Financial Evaluation and Analysis of Transport Projects.

- Environmental Impact Assessment of Transportation Infrastructure Projects.
- Simulation of Route Rationalization and Scheduling of Co-ordinated Urban Mass Transit System.
- Land-use Transport Modelling.
- Travel Demand Forecasting.
- GIS/Expert system/DSS application in Transportation Planning and Monitoring.
- Micro-simulation, Fuzzy-Set, GA & CA in Transportation Modelling.

### Membership of Technical Bodies:

- Member of ASCE, Life Fellow Institution of Engineers(India),
- Life-Member of a number of Technical bodies viz. Indian Roads Congress, IUT(India), ATDI (Founder member, Secretary)
- Member of Highway Research Board of IRC and Core Group of HRB and Transportation Planning and Traffic Engineering Committee of Indian Roads Congress of IRC 1997-2000 ;
- Member of the Highway Specifications & Standards Committee of Indian Roads Congress
- Member and on the Governing Council of Institute of Urban Transport(India) & Chairman of IUT(I) Bombay Chapter
- Member of Indian Road and Transport Development Association
- Member of International Scientific committee of World Conference on Transport Research Society (WCTRS) & it's chartered member.
- Member of Task Force on Urban Transport for 10<sup>th</sup> Five Year Plan (2002-2007), Constituted by Ministry of Urban Development & Poverty Alleviation
- Life Fellow, Institution of Engineers (India), 14507/2.
- Life Member, Indian Society for Technical Education LM 2979.

## Awards and Honours:

1. Appointed Independent Director on the Board Directors of Pratibha Industries Ltd., 2009
2. Appointed Member of the Advisory Board Directorate of Urban Land Transport, Urban Development Department, Govt. of Karnataka, 2010
3. Prestigious nomination as an International Engineer of The Year 2010 – The International Biographical Centre in Cambridge, England
4. International Benefits Evaluation and Costs Management Committee Membership (IBEC-ITS News letter May-June 2009)
5. World Conference on Transportation Research Society (WCTRS), Country and Area Representative, 2009
6. IBC Top 100 Engineers Medal -2009
7. Recipient of the VISVESVARAIYA AWARD in the category "Eminent Professor" for the year 2006.
8. International Transportation Seminar Invitation to deliver expert lectures from Poznan University of Technology. (Seminarium\_Broszura-20090211), Oct 2009
9. Received Award for Excellence in Teaching 2002 by IIT Bombay
10. Member of BWSL TAC from conception to implementation Inauguration
11. Member of Research Council of CRRI from 1996-2000
12. Member of three member High Court Committee for Andheri Viaduct Evaluation
13. Member of one Man Committee for Techno-economic feasibility study of Pedder Road Viaduct for MSRDC
14. Greenshiels-75 Symposium-Invited Paper Presentation, University of Massachusetts, 2009
15. Awarded Fellowship of United Nations Centre for Regional Development (UNCRD) to participate 5<sup>th</sup> WCTR, Yokohama, Japan.

## Contribution in Teaching, Research, Research Guidance, Planning, Administration and Development:

- ◆ Patron IIT Bombay Golden Jubilee International Conference and 8th International Workshop on Transportation Planning and Implementation Methodologies for Developing Countries TPMDC 2008.
- ◆ Co-ordinator, Programme for Planning and Management of in Transportation Engineering systems. Ministry of HRD.
- ◆ Head, Civil Engineering Department, IIT Bombay. 1996-2000.
- ◆ Curriculum Development for M. Tech Programme in Transportation Systems Engineering.
- ◆ Co-ordinator, for internationally successful M.Tech. Programme in Transportation Systems Engineering since its inception.
- ◆ Organizing Secretary, International Workshop TPMDC (since 1994), International Conference CUPUM 1997 and NCOTSS-1988.
- ◆ Secretary, DPGC, 1987-90 & Member DPGC from 1985-1996, and convenor 1996 onwards.
- ◆ Member, Institute Maintenance Advisory Committee from June, 1990-99.
- ◆ Member, Departmental Stores/Purchase Committee, since 1987.
- ◆ Member, Inter-disciplinary Programmes Committee for I.E. & O.R. 1990-1995.
- ◆ Convenor, Institute Furniture & Fixtures Committee April, 1995-May 2000.
- ◆ Convener, Institute Traffic & Transportation Planning & Monitoring Committee, since 2000.
- ◆ Member, Institute Master Plan Committee, Since May 1999-2004
- ◆ Hostel Assoc Warden for two years
- ◆ Established Transportation Engineering Laboratory at MNIT Jaipur and Transportation Systems Engineering Labs at IIT Bombay
- ◆ Instrumental in starting a very successful PG Programme in Transportation Systems Engineering in 1988 at IIT Bombay.
- ◆ Research guidance/teaching experience of over 42 years.
- ◆ Supervised over 100 M.Tech and 15 Ph.D & over 100 B.Tech projects

- ◆ Published over 190 papers in International/National Journals and conferences
- ◆ Completed a large number of consultancy/sponsored projects with organizations like MSRDC, MOST, AAI, DST, MMRDA, AICTE, CIDCO, MMPG, RITES, SAIL, DMRC, RIL, Mahindra Worldcity SEZ etc
- ◆ Master Planning for Mumbai Metro,
- ◆ Comparative Evaluation of Elevated vs Underground Metro -2 for Mumbai
- ◆ Monorail –Traffic Management during Construction of
- ◆ Attended, Chaired & organised sessions, Presented papers, invited as Chief Guest/Guest of honour at a number of International/ National Seminars /Conferences.
- ◆ Organised over 14 International National workshops and conferences
- ◆ Reviewer for many International Journals.
- ◆ On the International Editorial Advisory Board of Journal of NICMAR
- ◆ On the Review Committee Indian Journal of Transport and Management
- ◆ Appointed One-man Committee to investigate feasibility/Acceptability of 3.2 KM Haji Ali-Chowpaty Viaduct
- ◆ Appointed member of High Court Committee on Andheri Viaduct
- ◆ Visited 22 countries and invited to deliver seminar talks /present papers/ and interact at many universities in USA, Australia, Germany, Canada, Japan, Singapore, France, Belgium, The Netherlands, Poland, China, South Korea, Thailand, Hong Kong, Switzerland, England, Luxemburg, Turkey, UAE etc
- ◆ Chairman/Member of Technical Advisory Committee of Maharashtra State Road Development Corporation for various Mega/Landmark Projects
- ◆ Appointed member of Expert Advisory Committee of Navi Mumbai Special Economic Zone of Reliance
- ◆ Nominated as Member of the Expert Advisory Committee for Development of Mobility Plan for NMMC.

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