



Name : **Anupam Vibhuti** **54 yrs**
Area of Specialization : **Transportation Planning & Design**

Mr. Vibhuti has a rich experience of over 30 years in the field of planning & design in transportation and architectural domains. Over the years of practice, he has developed core expertise in spatial planning, infrastructure & developmental management and use of IT tools for related applications. He has special interest in computers & technology applications and solutions specifically aimed towards integrated transportation systems efficiency.

Education

- Masters in Planning (Transport), School of Planning and Architecture, New Delhi
- Bachelors in Architecture, School of Planning and Architecture, New Delhi

Publications

- *Paper Publication*: Best Practices to Relieve Congestion on Mixed-Traffic Urban Streets In Developing Countries – BPRCM 2008 IIT Chennai (Theme: Transportation System & Role of Government): **Selection Methodology & Pphpd as an 'Incomplete' Unit of Comparison for Public Transit Systems**
- *Paper Publication*: Transportation Planning and Implementation Methodologies For Developing Countries - TPMDC 2008 IIT Mumbai (Theme: Transportation Infrastructure Planning b. Transit Systems Planning): **Concept of 'Mass' in Mass Public Transit Systems**
- *Invited Presentation*: Notes on **'Steps to create a transparent, accountable & undisputed Micro-simulation platform for evaluating Traffic & Transportation infrastructure projects in Delhi' at LG House, Delhi**
- **'Personal Rapid Transit' A Suitable Mass Transit Alternative for India** - Technical Note published in the IUT(MoUD) Journal December 2009
- *Paper Publication*: Research Symposium - Urban Transport Planning and Management: Emerging Challenges – Urban Mobility India 2010 – IUT, MoUD, GOI (Theme: Demand Management Measures **'Mobile Centric Application for On-Demand response System For Autorickshaws as key IPT Mode in Indian Cities'**
- *Poster Presentation*: Transport Research Board 2013 : **Dynamic Model for Benchmarking of Personal Rapid Transit for Indian Cities.**
- *Paper Publication*: Transport Research Board 2013 : **Impact of Personal Rapid Transit System on Accessibility Index**
- *Paper Publication*: ORF Issue Brief No 140, May 2016 : **Transporting Masses in Urban India: Policy & Fact Disconnect,**
- *Paper Publication*: International Journal for Traffic and Transport Engineering, 2016, 6(3): 313 – 324 : **Potential of Personal Rapid System to Meet The Urban Transport Deficit.**

Patents

- High Throughput Transportation System with Seamless Carriage Switching between Tracks along the Vertical Plane – IPO Patent No.: 383571 | 02/12/2021
- Method for Trajectory Shift of a vehicle unit in a Transportation System - IPO Patent No.: 398901 | 10/06/2022

Memberships

- TED 28 Intelligent Transport Systems, Bureau of Indian Standards, GOI
- Institute of Town Planners India
- Institute of Urban Transport
- Council of Architecture
- American Society of Civil Engineers

Positions Held & Allied Experience

- Professor of Practice, Indian Institute of Technology - Madras
- Director, EcoAutoMo Pvt Ltd. www.ecoautomoto.com
- Director, Tranxiti Mobility Logistics Pvt Ltd. www.tranxiti.in
- Director, Worxpace Consulting Pvt. Ltd. www.worxpace.net
- Visiting Faculty & Thesis Guide, School of Planning & Architecture

Professional Experience

2008-Current

Research & development as principal investigator & solution architect at Tranxiti Mobility Logistics Pvt Ltd
Producing intelligent transportation applications and systems using state of the art technologies for typical Indian 'use cases' including the following:

- AutoGo - OLA/ UBER type application suite for on demand auto-rickshaw services in India.
- TrackETA -360-degree Student tracing & tracking application including backend operations and control centre management, solution sold to Indian Air Force, MT Division.
- AutoBots - On demand automated transit system with in depth use case analysis, solution architecture and system design.

2003-Current

Consultancy practice as Principal Consultant at Worxpace Consulting Pvt Ltd.

Town Planning aspects largely centered around transportation issues including the following:

- Feasibility studies for automated parking Infrastructure in Delhi
- Traffic impact studies of Infrastructure projects
- Feasibility studies for toll plaza locations on highways
- Township level traffic & transportation master plans
- ROW Infrastructure planning & streetscapes
- Terminal designs for the bus system / trucking industry
- Metro station property development feasibility studies
- Metro station design conforming to NFPA130 focusing on pedestrian movement using simulation
- Multimodal Integration design for at grade transfers & feeder system studies
- Design of automated vehicle testing centers
- ITS enablement planning for bus transport services.

1999-2002

Sabbatical to pursue full time Masters course in Town Planning with specialization in Transportation from School of Planning & Architecture, New Delhi

1994-1999

Practiced Architecture as lead architect, designed Nepal's first-ever Cricket Stadium for ZEE TV Network. Worked on a variety of projects like corporate interiors, factories and commercial complexes, including a truck and bus parking terminal.

1992-1994

Graduated in Architecture and worked as Creative assistant in an Advertising agency handling communication graphics.

Contacts

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