

Curriculum Vitae
Sandeep Gandhi

Profession : Architect
 Date of Birth : May 05, 1974
 Membership of professional Societies : Council of Architecture – CA/98/23144
 Designation : Architect and Advisor (Hony.) Pedestrian Infrastructure & Transport, Samarthyam

Key Qualifications:

Mr. Sandeep Gandhi, has been associated with Transportation Research and Injury Prevention Program (TRIPP), IIT, Delhi for nearly 11 years and has been involved in projects pertaining to safe and efficient road geometry and engineering designs. He has been involved in Bus Rapid Transit System (BRTS) projects since 2001, which include major design responsibilities of 5 projects and review of up to 4 other projects. His exposure to other BRTS systems (through study visits) include Bogota and Quito. He is credited with many firsts in BRTS design such as parallel platform concept to handle large bus volumes, first fully functional and detailed cycle track in India, first corridor in India with completely barrier free pedestrian infrastructure and integrated spaces for hawkers, TSR etc.. The details of his association to the BRTS and other related projects are as follows:

2001 – 2009, Delhi BRTS Pilot Corridor	Mr. Gandhi has been involved with Delhi BRTS projects since its inception as a concept in 2001, initially as a project scientist with TRIPP and finally through his own consultancy firm. Mr. Gandhis involvement on this project through TRIPP included the responsibilities of case studies, data analysis, conceptual designs as well reviews, assisting in traffic modeling and preparation of GAD drawings. As an independent design consultant appointed by Rites, Mr. Gandhi developed detailed designs, good for construction drawings, material specifications, bus shelter details, signage and marking designs, complete geometric designs for bus, services design, MV, NMV lanes as well pedestrian paths, post construction surveys and evaluation, development of signal model based on shock-wave theory to study the congestion at 2 important junctions, detailed designing of subsequent phases, etc.
2007 – 2009, Rajkot Pilot BRTS	Mr. Gandhi and his consultancy company (S G Architects) have been appointed as the designers for Rajkot BRTS pilot corridor by Urban Mass Transit Company (UMTC). The scope of work and responsibilities include complete designing ranging from data collection, analysis, conceptual designs, ITS designs and specifications, Operational Plan Development, detailed designs, detailed geometric designs, good for construction designs, services design, pavement design and supervision of construction with the appointed PMC. Amongst the special features designed for BRTS Rajkot are Bus shelter and bus lanes with semi signalized roundabouts.
2006 – 2009, Indore BRTS Corridors on AB Road and RW2	Mr. Gandhi has been appointed as a design consultant for 2 Indore BRTS corridors by the M/s Mehta and Associates who are the main project consultants. Mr. Gandhi and his firms responsibilities for this project include complete conceptual and detailed designs including services, geometry, street furniture, etc.; along with good for construction drawings.
2007 – 2008, Pune Pilot BRTS (Upgradation)	Pune Pilot BRTS infrastructure inaugurated in December 2006, lacked design detailing. This task was awarded to UMTC in April 2007 and is currently being handled by Sandeep Gandhi and his office as their representative. The scope included detailed design of entire ROW and development of good for construction drawings for pedestrian infrastructure, MV lane, NMV lane, bus shelters, bus lanes, signages, markings, junction designs, etc.
2005 – Pune BRTS Specifications and Conceptual Design	Pune pilot BRTS corridor conceptual designs and design specifications were prepared as a Project Scientist with TRIPP, IIT Delhi. These were used by PMC for their limited, in house development of Pune BRTS pilot corridor.

2008 - BRTS Design Specifications for MUD	Mr. Gandhi and his office is currently assisting TRIPP, IIT Delhi in development of a comprehensive BRTS design specifications and guidelines document for Ministry of Urban development (MUD). The draft report for this has already been submitted to the ministry.
2007-2008, Design Review of BRTS Projects	Mr. Gandhi has assisted TRIPP, IIT Delhi in the review of a number BRTS proposals and DPRs. These include Pimpri and Chinchwad, Jaipur and Bhopal BRTS. Apart from these Mr. Gandhi also assisted in the review of Moolchand to Jehangir Puri Corridor, Delhi, Techno Financial Feasibility Report.
2008 – Bicycle Infrastructure Design Manual for Indian Sub-continent	Mr. Gandhi and his office is developing a bicycle infrastructure design manual for Indian sub-continent for I-Ce, Netherlands and ITS, Delhi. The manual covers all aspects of design and implementation including network planning, section/intersection design, signage, marking, enforcement and site supervision.
2008 – Design inputs for BRTS Guwahati DPR stage 1	Mr. Gandhi and his office have been awarded the task for developing design details and cost estimates for 2 selected BRTS corridors in Guwahati as a part of Stage 1 DPR being developed by UMTC for approval by MUD.

Apart from the above mentioned projects, Mr. Gandhi has been a part of circulation redesign for Nine airports in India, capacity evaluation as well circulation design cum evaluation for DIAL, Delhi, design development of Odaw Greenway, Ghana, design of bus shelters for DTC, etc. Mr Gandhi is also the bicycle infrastructure design expert with Interface for Cycling Expertise (I-Ce), Netherlands.

Education:

1992 - 97	5 years Diploma in Architecture (Equivalent to Degree) with a CGPA of 7.2 from TVB School of Habitat Studies, New Delhi
1995	1 Semester of Education at University of East London, UK under the student and faculty Exchange Program.
1992	10+2 from Mount St. Mary School

Employment Record:

April 2006 – Till Date	Sole Proprietor and Principle Architect, S G Architects
Jan 2003 – Feb 2008	Project Scientist at TRIPP, IIT Delhi
May 2000 to March 2002	Research Fellow at the Asian Institute of Transportation Development, Outab Institutional Area, Delhi
Nov 1998 to March 2006	Partner and Senior Architect at i'us: Designers Combine.
Jan 1998 to Oct 1998	Project Associate at TRIPP, IIT Delhi

Languages:

Language	Speaking Proficiency	Reading Proficiency	Writing Proficiency
Hindi	Excellent	Excellent	Good
English	Excellent	Excellent	Excellent
Punjabi	Fair	Poor	Poor

Paper Presentations at Seminars:

Mr. Gandhi has presented many international papers on the subject relating to bicycle and BRTS infrastructure and safety. These include:

2006	<ul style="list-style-type: none">• A research paper on Bicycle Infrastructure – Planning to Implementations, Lessons Learnt: Case Study Delhi was presented at the 2006 Velo Mondial Conference in Cape Town.• A research paper on Planning for Safe Commuter Access on 'Bus Rapid Transit' corridors in Delhi was presented at the 8th Injury Prevention Coherence in Durban was presented in April 2006 (as a scholar).
2004	A research paper on Bus Commuter Safety at Bus Shelters in Delhi was presented at the 7 th World Conference on Injury Prevention and Control in Vienna (as a scholar).
2003	A research paper on 'High Capacity Bus System: Potential for Indian Cities' was presented at the Indo-French, joint seminar on Transportation Development and Policies for Delhi, in Delhi.
2002	<ul style="list-style-type: none">• A research paper on 'The Role of Speed Reducing Devices on Indian Inter-City Roads' at the 6th World Conference on Injury Prevention and Control in Montreal (as a scholar)• A research paper on 'Bus shelter as an integral part of the urban transport system in low-income countries' was submitted for presentation at the 9th CODATU conference on Transportation in the Republic of Togo.
2001	A research paper on 'Integrating Cycle Facilities with Bus Infrastructure in Delhi' at the 13 th Velo-City Conference in Edinburgh and Glasgow (as a scholar).
2000	A research paper on Defining Systemic Parameters and Performance Specifications for Bus Stop, Delhi was presented at the 5 th World Conference on Injury Prevention and Control.

Training Courses Attended

Mr. Gandhi has attended the 10th International Course on Transport Planning and Road Safety, at TRIPP, IIT Delhi

Certification:

I, undersigned do hereby certify that the information contained herein above is correct and true and no part of it is untrue and nothing material has been concealed from.



Date 23/10/2010