



**Gaurang J Joshi, Ph.D.**

**Professor**

**Transportation Engineering & Planning**

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# CA05, Wing A, DoCE, SVNIT, Surat.

Formerly: Dean (Student Welfare) | Dean (Academic)

Dean (Planning & Development) | HoD (Civil Engg.)

@ SVRCET ,SVNIT; since August,1992

ORCID I'D: <https://orcid.org/0000-0002-3241-1598> | Citations:2640 | Docs: 122 | h-index :27 | i10-Index:81

**EDUCATIONAL QUALIFICATIONS**

Diploma in Civil Engg.	1988	Government Polytechnic, Ahmedabad
B.E. (Civil Engg.) (Gold Medalist)	1991	L.D. College of Engineering, Ahmedabad Gujarat University, Ahmedabad
M.E. (Civil -Water Resources Engg.)	1993	
Ph.D. (Civil- Transportation Planning)	2006	SVNIT,V.N. South Gujarat University, Surat

**MAJOR AREAS OF RESEARCH**

Travel Behaviors Analysis	ICT Applications In Mixed Traffic Flow Modeling
Inter-Regional Travel Demand Modeling Framework For Sustainable Urban Transport Systems	Pedestrian Traffic Flow Modeling Traffic Safety Analysis

**COURSES TAUGHT / TEACHING**

<b>Under Graduate Level</b>	<b>Post Graduate Level:</b>
Highway Engineering	Urban Transport Systems Planning
Highway Materials & Construction	Regional Transport Systems Planning
Urban Transport Planning	Public Transport Planning
Public Transport Systems & Operations	Soft Computing Techniques

**PRIZES, AWARDS, DISTINCTIONS**

1. Secured FIRST RANK at B.E. (Civil-1991) examination of Gujarat University. Awarded 4 gold medals
2. ISTE, New Delhi National award for guiding best M. Tech. thesis in civil engineering (First Prize), 2008.
3. Commendation Certificate awarded by Indian Roads Congress for outstanding work as Member Secretary, Technical Committee H8 at 73<sup>rd</sup> Annual Session on 10-1-2013 held at Coimbatore.

**MEMBER OF TECHNICAL SOCIETIES**

Indian Society for Technical Education (ISTE), New Delhi | Institute of Engineers (India)  
 Institute of Urban Transport (India), New Delhi | Indian Roads Congress (IRC), New Delhi  
 Eastern Asia Society for Transport Studies (EASTS), Japan. | Transportation Research Group  
 of India | Indian Building Congress 9IBC) New Delhi

**EXTERNALLY FUNDED RESEARCH PROJECTS**

No of Projects	Funding Agencies/ Authorities	Total Amount
15	IRC, CSIR-CRRI, GUJCOST, i-Metro, UNICEF, MoRD, MoHUA, 3M India	Rs. 359.98 Lakhs

**CONSULTANCY PROJECTS**

No of Consultancy Projects	Client Agencies /Organizations	Total Amount (Rs. Lakhs)
114	NHAI, R & B Deptt., Gujarat, Surat Municipal Corporation, Ahmedabad Municipal Corporation, Rajkot Municipal Corporation, Surat Urban Development Authority, Ahmedabad Urban Development Authority, Airports Authority of India, ONGC, Gujarat Urban Development Corporation, Airports Authority of India, WAPCOS	1992.77

**DOCTORAL RESEARCH GUIDED :19 | M.TECH. DISSERTATIONS GUIDED: 89****PUBLICATION OF RESEARCH PAPERS**

Index Journals	Conferences / Procedia
129 (121 Indexed)	159 (121 Indexed)

**REVIEWER OF JOURNAL PAPERS**

Journal Of Indian Roads Congress	J. Indian Highways	Int. J. Transportation Letters, USA
Int. J. Case Studies On Transport Planning, Elsevier Pub.	Int. J. Travel Behaviour And Society, Elsevier Pub	Int. J., Transportation Engineering: Part A: Systems, ASCE
Journal Of Urban Planning And Development, ASCE	Int-Intelligent Transport Systems	Int. J. Transport Geography, Elsevier Pub., Taylor & Francis Pub

**CONFERENCES / WORKSHOPS/ SEMINARS ETC. ATTENDED: 100**

**TRAINING PROGRAMMES ATTENDED: 12 | WORKSHOPS / SEMINARS / CONFERENCES ORGANISED: 27 | TRAINING PROGRAMMES ORGANISED: 25**

**EXPERT LECTURES DELIVERED: 114 | BOOK/ BOOK CHAPTERS: 6**

**COUNTRIES (CONFERENCES) VISITED: US (TRBAM), China (WCTRS), S. Korea(EASTS), Hongkong (HKSTS), Philippines (EASTS), Srilanka (APTE, EASTS), Denmark, Sweden (EWGT)**

**OUTREACH ACTIVITIES**

Member, IRC Technical Committees (H-5 ,H-7, H-8, G-6, G-7, IMRA)  
 Co-Ordinator, State Technical Agency (PMGSY), Gujarat  
 PhD Thesis Examiner: IITB, IITR, IITKGP, VNIT, NITK, SPA-D, CRRI, IT-Nirma University, WPU-Pune  
 Chairman, Institute of Urban Transport India, (Gujarat-Rajasthan) Regional Chapter  
 Member, Performance Evaluation Committee of NQMs, NRIDA, MoRD  
 Member, Technical Committee, International Sports Infrastructure, GSID, Government of Gujarat  
 Member, State Technical Committee, Gujarat Urban Development Mission  
 Research & Development Collaborations with CSIR-CRRI  
 Community Service Project Collaborations with UNICEF  
 Master's Project / Dissertation Jury Member: CEPT University, SPA-D  
 Member Board of Studies: Civil Engg. Department, MSU Baroda, Civil Engg. Department, IT-Nirma University