



Dr. Ashish Dhamaniya

Present Position: Associate Professor (Civil Engineering)
Specialization: Transportation Engineering
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1.0 EDUCATIONAL QUALIFICATION

S. No.	Qualification	Name of Institute/University	Year of Passing	Division/Grade
1.	Ph.D.	IIT Roorkee	2014	A
2.	M.Tech (Transportation Engineering)	MNIT, Jaipur	2003	Honors
3.	B.E. (Civil Engineering)	M.B.M. Engineering College, Jai Narayan Vyas University, Jodhpur	2001	First Class

2.0 PROFESSIONAL EXPERIENCE

S. No.	Organization	Position	Duration	Years of Experience
1.	Sardar Vallbhbhai National Institute of Technology (SVNIT) Surat Gujarat	Associate Professor (AGP 9500)	28/01/19 to till date	8 months
2.	Sardar Vallbhbhai National Institute of Technology (SVNIT) Surat Gujarat	Assistant Professor (AGP 6000)	04/09/2007 to 27/01/19	11 Yr. 04 Months
3.	G.B. Pant Engineering College Pauri Garhwal Uttrakhand	Lecturer (AGP 6000)	05/05/2006 to 24/08/2007	1 Yr. 03 Months
4.	Institute of Engineering & Technology, Dr. B.R. Ambedker University Agra, U.P.	Lecturer (Fifth Pay Scale)	28/07/2004 to 04/05/2006	1 Yr. 10 Months

3.0 EXTERNAL RESEARCH PROJECT COMPLETED OR ONGOING

S. No.	Name of The Project	Sponsoring Agency	Amount	Role	Present Status
1.	Traffic and Pedestrian Movement Analysis at Undesignated Pedestrian Crossings on Urban Midblock Sections	Science and Engineering research Board (SERB), Department of Science & Technology (DST) New Delhi	23.91 Lakhs	Principal Investigator	Ongoing
2.	Development of Indo-Highway Capacity Manual (Indo-HCM)	CSIR-Central Road Research Institute (CRRI) New Delhi	100.45 Lakhs	Co-Investigator	Completed
3.	Study of Speed Flow Characteristics and Flow behaviour under Mixed Traffic Condition in Indian Urban Context	Indian Roads Congress (IRC), New Delhi	35.10 Lakhs	Co-Investigator	Completed
4.	Performance Monitoring of PMGSY roads in South Gujarat Region (21 Roads)	Gujarat State Rural Road Development Agency (GSRRDA) and National Rural Road Development Agency (NRRDA), New Delhi	2.5% of Project Cost	Principal Investigator	Ongoing
5.	Performance Monitoring of PMGSY roads in the state of Gujarat	Gujarat State Rural Road Development Agency (GSRRDA) and National Rural Road Development Agency (NRRDA), New Delhi	2.5% of Project Cost	Principal Investigator	Ongoing
6.	Development of Web Based Road Accident Database Management System for Surat City	Gujarat Council of Science & Technology, Gandhinagar	10.00 Lakhs	Principal Investigator	Applied
7.	Operational Efficiency of Urban Roadway Links using Performance Box	TEQIP-III Micro Project, SVNIT	2.00 Lakhs	Principal Investigator	Ongoing
8.	Study on Road Accident Investigation and Development of Star Rating based on Roadway Geometrics and Traffic Attributes	TEQIP Funded	0.45 Lakhs	Principal Investigator	Ongoing
9.	Safety Assessment at Signalised Intersections under Mixed Traffic Conditions under Weak Lane Discipline Traffic using Trajectory Data	TEQIP Funded	0.50 Lakhs	Principal Investigator	Ongoing
10.	Development of Warrants for Automation of Toll Plazas in India	TEQIP Funded	0.50 Lakhs	Principal Investigator	Ongoing

4.0 CONSULTANCY PROJECTS

1	Professional Services for Design and Estimation of ONGC Road from Muler to GGS-V in Gandhar Field (7.2 km)	Oil and Natural Gas Company Ltd. (ONGC), Ankleshwar, Gujarat	Rs. 16.48 lakh	2015	Completed
2	Consultancy services for technical audit and quality assurance for work of Construction of additional new bridge with approaches at Tad creek in Diu district	Public Works Department (PWD), W.D. – II, Diu	Rs. 18.53 lakhs	2015	Completed
3	Consultancy services for technical audit and quality assurance for Surat-Navsari road and Bilimora Chikli Road	Surat and Navsari (R & B) Division	Rs. 19.60 lakhs	2015	Completed
4	Road Safety Audit for various roads of R&B Department in South Gujarat region.	Road & Building Department Surat	3500/- per visit	2015 - 2019	Ongoing
5	Field and Laboratory Investigations: Beawar-Pali-Pindwara Toll-Way Ltd.	L&T Infra. W.O.No. L&TIDPL/WO/2015/001)	Rs. 4.05 lakhs + S.T.	2015	Completed
6	Strengthening of ONGC valve station approach road at Bhata. (2.0 km)	Oil and Natural Gas Company Ltd. (ONGC), Hazira Plant, Surat, Gujarat	Rs. 5.43 lakhs	2016	Completed
7	Providing consultancy for detailed engineering design for rigid and flexible pavements on both side of existing canal, R.C.C. conduit for existing canal section etc. and allied works from Pal R.T.O. junction to Amroli-Sayan road (up to outer ring road) via linear park in West Zone of Surat city.	Surat Municipal Corporation (SMC) Surat	Rs. 8.00 lakhs (0.3% of total project cost)	2016	Ongoing
8	Consultancy services for technical audit and quality assurance for road works under Tapi (R & B) Division Vyara	Road & Building Department Division – Vyara	Rs. 14.33 lakhs	2016	Completed

9	Providing Advisory Services Including Preparing a detailed Manual/Guideline for road works within Surat City.	EE, RDD, SMC Work Order No. RDD/OUT/NO.586	Rs. 10.20 lakhs + S.T.	2016	Completed
10	Providing Consultancy Services for reviewing existing metal grouting design, suggesting new design and specification for different category roads within Surat City Limit.	EE, RDD, SMC Work Order No. RDD/OUT/NO.1161	Rs. 1.50 lakhs + S.T.	2016	Completed
11	Traffic Survey for Dream City Area, Surat	Haskoning DHV Consulting Pvt. Ltd. HDC/W&P/2016/05/038	Rs. 1.90 lakhs + S.T.	2016	Completed
12	Feasibility Study for the Setting Up of Truck Parking Terminal at Kandla.	WAPCOS Limited Work Order (No. WAP/P&H/PUNE/SV NIT/2016	Rs. 6,00,000 lakhs + S.T.	2016	Completed
13	Traffic Survey and Feasibility for FOBs at various Locations in Surat City	Surat Municipal Corporation (SMC), Surat	Rs. 4.42 lakhs	2017	Completed
14	Traffic Study for junction improvement scheme for Sahara Gate Junction, Surat.	Surat Municipal Corporation (SMC) Surat	Rs. 10.00 lakhs	2017	Completed
15	Providing Consultancy for detailed engineering design for rigid and flexible pavements on either side of existing canal, Storm Water drainage network etc. and allied works from Anuvrat Dwar to Surat-Dumas Road via G. D. Goenka School & From Sachin-Magdalla road (Mangalam Heights) to Jamanaba Park.	Surat Municipal Corporation (SMC) Surat	0.3% of total project cost	2017	Ongoing
16	Construction of Additional New Bridge with approaches at Tad Creek in Diu District.	I/C. Exe. Engg. P.W.D.,-II, Diu.	Rs.18.53 lakhs + S.T.		Completed
17	Third Party Inspection for the work of Construction of Road on 36.00 mt. ROW Road in T.P.S. No.44 (Bhanodra) in Surat Urban Development	SUDA, No. SUDA/U-15/WS/766/7034	Apx. Rs. 1.0 lakhs + G.S.T.	2017	Ongoing

	Authority Area (Length 2.86 km).				
18	Consultancy services for technical audit and quality assurance for road works under Dang (R & B) Division Ahwa. No. PB/157/2017	Dang (R & B) Division, Ahwa	Visit Basis + Service Tax	2017	Completed
19	Consultancy Services for Road Safety Audit under Dang (R&B) Division, Ahwa. Letter No. (i) AB/TC/1581/2017	Executive Engineer, Dang (R&B) Division, Ahwa	Rs. 4.13 lakh	2017	Completed
20	Consultancy Services for Road Safety Audit under (R&B) Division, Surat/Vyara/Navsari/Valsad Letter No. (i) AB/S.K./1129/2017	Executive Engineer, Surat (R&B) Division, Surat	Rs. 3.26 lakh	2017	Completed
21	Consultancy Services for Road Safety Audit under Navsari (R&B) Division, Navsari. Letter No. (i) AB/TC/261/928/2017	Road and Building Division, Navsari	Rs. 1.33 lakh	2017	Completed
22	Consultancy Services for Road Safety Audit for Four lanning of Udhana-Dindoli-Kharwasa-Bhatiya road Km.9/400 to 14/450 Dist. Surat. No.AB/TC/Consultancy/1694/2017	Executive Engineer, Surat (R&B) Division, Surat	Rs. 40,600/-	2017	Completed
23	Consultancy services for technical audit and quality assurance for road works under Dang (R & B) Division Ahwa. (i)Widening and Strengthening Ahwa-Navapur Road K.M.25/0 to 44/0. No. AB/TC/179/920/2017	Dang Road and Building Division, Ahwa	Rs. 3500/- per Visit	2017	Ongoing
24	To carry out Road Safety Audit report for Arek-sisodara Road on pond side starch on km 3/0 to 3/4. Work Order No. PB/527	Deputy Executive Engineer, Surat (R&B) Division-4, Surat	Apx. Rs.50,000/ (Including GST)	2017	Ongoing
25	Consultancy Services for Road Safety Audit under Dang (R&B) Division, Ahwa. (i)	Executive Engineer, Dang (R&B) Division, Ahwa	Rs. 5.33 lakh	2017	Completed

	Widening & Strengthening of Ahwa-Chichali-Babulghat Road K.m.0/0 to 31/2, Dist. Dang. (ii) Widening & Strengthening of Ahwa-Navapur Road K.m.6/0 to 44/0 (Section Km.25/0 to 44/0) Dist. Dang. Letter No. AB/TC/258/1424/20172/10/2017				
26	Consultancy Services for Road Safety Audit under Navsari (R&B) Division, Navsari. (i) Widening and Strengthening Alipore Degam Chasa Road K.M. 0/0 to 10/950. Letter No. AB/TC/PB/656/2017	Executive Engineer, Navsari (R&B) Division, Navsari	Rs.3, 500/- Per Visit (Including G.S.T.)	2017	Completed
27	Consultancy on junction improvement scheme in construction phase of Flyover for Ved Darwaja Junction, Surat.	EE, CZ, SMC CZ/OUT/No.729	Rs. 60,000/- + G.S.T.	2017	Completed
28	Providing Consultancy for comprehensive Planning & Engineering design for rigid and flexible pavements, on either side of existing canal, storm water drainage network etc. and allied works from BRTS Panas to Breadliner circle- Soham circle up to Bhimrad Village.	EE, RDD, SMC Work Order No. RDD/OUT/NO.1277	For Part-1: 1.00% of Total Project Cost + S.T. For Part-2: 0.30% of Total Project Cost + S.T.	2017	Ongoing
29	Pavement Design for Surat Olpad Sahol Road KM 9/8 to 29/2	EE, R & B Division-II	Rs.1.50 lakhs + S.T.		Completed
30	Professional Services for Design and Estimation of ONGC Road from Muler to GGS-V in Gandhar Field (7.20KMS).	ONGC, Ankleshwar	Rs.16.48 lakhs + S.T.		Completed
31	Study and Evaluation Including Recommendations for Strengthening of Existing	ONGC, Hazira, Surat	Rs.5.43 lakhs Incl. S.T.		Completed

	Approach Road to Bhata Valve Station For ONGC Hazira Plant, Surat.				
32	Providing consultancy for detailed engineering design for rigid and flexible pavement of 36.00m wide T.P. road from VIP circle to Abrama check post in East Zone.	Surat Municipal Corporation, Surat	Rs. 10.00 lakhs	2018 - 2019	Completed
33	Providing Consultancy Services for Survey and Design of Road Intersections within Surat City.	Surat Municipal Corporation, Surat	Rs. 250.00 lakhs	2018 - 2019	Ongoing
34	Consultancy Services related to safety evaluation on BRT corridor in Surat City.	Surat Municipal Corporation, Surat	Rs. 15.52 lakhs	2018 - 2019	Ongoing
35	Construction of flexible pavement two-lane service road starting from Chainage 0.0 m at Kamrej Char Rasta NH 48 to towards Ahmedabad up to Kholvad Village Road Ending Chainage 14.100	Surat Urban Development Authority	Rs. 2.57 lakhs	2019	Completed
36	Construction of Four lane flexible pavement starting from chainage 0.0 m at Kholvad-Bhada village road ending to chainage 2153.0m Surat-Kamrej Highway in between Shayamnagar-Diamondnagar, T p schemeno-47 (Kholvad-Bhada), 30 m Row Road for Surat Urban Development Area	Surat Urban Development Authority	Rs. 2.92 lakhs	2019	Completed
37	Widening of existing single lane road to two lane road from Laskanapatia (Surat-Kamrej road) starting chainage 0.0 m to Kholvad village ending chainage 4130.0 m in TPS-47 (Kholvad-Bhada), & TPS 48 (Kholvad) including slab culvert in Surat Urban Development Area	Surat Urban Development Authority	Rs. 2.39 lakhs	2019	Completed

38	Widening of existing TWO lane road to THREE lane road from Valthan NH-48 starting chainage 0.0 m to Simada junction ending chainage 6900.0 m in GI pipe railing both sides of canal and existing culverts abd irrigation pipe extension in Surat Urban Development Area	Surat Urban Development Authority	Rs. 7.28 lakhs	2019	Completed
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5.0 Ph.D. COMPLETED/SUBMITTED/ONGOING

S. No.	Name of Student	Thesis Title	Month & Year of Registration	Present Status
1.	Navandar Yogeshwar Vijaykumar	Traffic Flow Analysis at Toll Plaza under Mixed Traffic Conditions	July 2015 (Full Time)	Completed
2.	Manish Patkar	Impact of Side Friction on Capacity of Urban Midblock Sections in India	Dec. 2015 (Part Time)	Ongoing
3.	Patel Pinakin Narayanbhai	Analysis of Traffic Stream Characteristics at urban Signalised Intersection under Mixed traffic Conditions	Dec. 2015 (Part Time)	Ongoing
4.	Hareshkumar Dahyabhai Golakiya	Traffic and Pedestrian Movement Analysis at Undesignated Pedestrian Crossings on Urban Midblock Sections	July 2016 (Full Time)	Submitted
5.	Khan Asir Vali Mohd.	Traffic Flow Analysis at Four Legged Roundabouts under Mixed Traffic Conditions	July 2015 (Part time)	Ongoing
6.	Satish S. Barmade	Evaluation of Stabilized RAP and RCA for use in Base/Sub-base Layer of Flexible Pavement	Dec. 2016 (Part Time)	Ongoing
7.	Ritvik Chavan	Safety Assessment at Signalized Intersections under Mixed Traffic Conditions under Weak Lane Discipline Traffic using Trajectory Data	July 2018 (Full Time)	Ongoing
8.	Chintaman Santosh Bari	Development of Warrants for Automation of Toll Plazas in India	July 2019 (Full Time)	Ongoing

6.0 JOURNAL PAPERS IN SCIENCE CITATION INDEX OR SCOPUS

S. No.	Name of Journal	Title of Paper	Vol/Issue No.	Year
1.	Journal of Transportation Engineering, Part A: Systems, American Society of Civil Engineers (ASCE)	Modeling Speed and Capacity Estimation at Urban Midblock Sections under the Influence of Crossing Pedestrians https://doi.org/10.1061/JTEPBS.0000260	145(9), 1–14	2019
2.	Arabian Journal for Science and Engineering, Springer	Impact of Midblock Pedestrian Crossing on Speed Characteristics and Capacity of Urban Arterials https://doi.org/10.1007/s13369-019-03786-x	44(10), 8675-8689	2019
3.	Journal of Transportation Engineering, Part A: Systems, American Society of Civil Engineers (ASCE)	Traffic Flow Analysis at Manual Toll Booth Operation under Mixed Traffic Conditions doi: 10.1061/JTEPBS.0000247	145(6)	2019
4.	Transportation Research Procedia, Elsevier	Empirical Analysis of Level of Service based on Users Perception at Manual Tollbooth Operation in India doi: 10.1016/j.trpro.2018.12198	37	2019
5.	European Transport \ Trasporti Europei	Effect of On-street parking on effective Carriageway Width and Capacity of Urban Arterial Roads in India	Issue 73	2019
6.	Proceedings of the Institution of Civil Engineers - Transport, ICE publication	Headway Distribution for Manually Operated Tollbooths in India in Mixed Traffic Condition doi: http://doi.org/10.1680/jtran.17.00138	ISSN 0965-092X	2018
7.	European Transport \ Trasporti Europei	Service Time Prediction Models for Manual Toll Booth Operation under Mixed Traffic Conditions	68(9)	2018
8.	Urbanization Challenges in Emerging Economies, ASCE	Vehicle Class wise Service Time Prediction Models for Tollbooths under Mixed Traffic Conditions doi: http://doi.org/10.1061/9780784482025.081	794-806	2018
9.	Urbanization Challenges in Emerging Economies, ASCE	Evaluation of Pedestrian Safety Index at Urban Mid-Block https://doi.org/10.1061/9780784482025.069	676–687	2018
10.	International Journal of Civil Engineering.	Influence of Operating Speed on Capacity of Urban Arterial Midblock Sections International Journal of Civil Engineering. Springer Publications Iran 15(7) / 2017		2017

S. No.	Name of Journal	Title of Paper	Vol/Issue No.	Year
	Springer Publications Iran			
11.	Transport Research Procedia	Conceptual Approach of estimating PCU at Roundabouts Transport Research Procedia/2017 DOI: org/10.1016/j.trpro.2017.05.297		2017
12.	Transport Research Procedia	Modelling Speed on 4-Lane Urban Arterials under Mixed Traffic Conditions DOI: org/10.1016/j.trpro.2017.05.297		2017
13.	Transport Research Procedia	Roundabout Capacity in Heterogeneous Traffic Condition: Modification of HCM Equation and Calibration, Transport Research Procedia/2017 DOI: 10.1016/j.trpro.2017.12.147		2017
14.	Transport Research Procedia	Effect of Traffic Mix on Capacity of Urban Arterial Roads Transport Research Procedia/2017 DOI: org/10.1016/j.trpro.2017.05.297		2017
15.	Transport Research Procedia	Effect of heterogeneous motorized traffic on saturation flow at signalized intersections DOI: org/10.1016/j.trpro.2017.05.297		2017
16.	Transportation Research Record, Journal of Transportation Research Board USA	Conceptual Approach for Estimating Dynamic PCU on Urban Arterial Roads using Simultaneous Equations Transportation Research Record, Journal of Transportation Research Board, Washington D.C., USA USA 2553 / 2016		2016
17.	Transportation Letters, International Journal of Transportation Research USA	Time Occupancy as a Measure of PCU at Four Legged Roundabouts Transportation Letters, International Journal of Transportation Research USA DOI No.: 10.1080/19427867.2016 / 2016		2016
18.	Journal of the Indian Society of Remote Sensing India	Development of Web Based Road Accident Data Management System in GIS Environment: a Case Study Journal of the Indian Society of Remote Sensing India 44(5) / 2016		2016
19.	European Transport\Trasporti Europei Italy	Effect of Mixed Traffic Characteristics on Saturation Flow and Passenger Car Units at Signalised Intersections European Transport\Trasporti Europei Italy 59 / 2015		2015
20.	Transportation Research Record, Journal of Transportation Research Board USA	Influence of Undesignated Pedestrian Crossings on Midblock Capacity of Urban Roads Transportation Research Record, Journal of Transportation Research Board USA 2461 / 2014		2014

S. No.	Name of Journal	Title of Paper	Vol/Issue No.	Year
21.	Journal of the Indian Society of Remote Sensing India	Maintenance Criteria of PMGSY Roads in Second Phase of Planning: A Case Study Journal of the Indian Society of Remote Sensing India 42(4) / 2014		2014
22.	Traffic Engineering & Control United Kingdom	Speed Based Capacity Model for Urban Arterial Roads Traffic Engineering & Control United Kingdom 55(2) / 2014		2014
23.	Transportation Research Circular No. E-C190, Innovative applications of the Highway Capacity Manual 2010, USA	Influence of Undesignated Pedestrian Crossings on Midblock Capacity of Urban Roads Transportation Research Circular No. E-C190, Innovative applications of the Highway Capacity Manual 2010, USA 2014		2014
24.	Journal of Transportation Engineering, ASCE	Concept of Stream Equivalency Factor for Heterogeneous Traffic on Urban Arterial Roads Journal of Transportation Engineering, ASCE USA 139(11) / 2013		2013
25.	Urban Transportation Systems, ASCE USA	Development of Accident Prediction Model under Mixed Traffic Conditions-A Case Study Urban Transportation Systems, ASCE USA DOI: 10.1061/9780784413210.012 / 2013		2013
26.	Procedia, Social and Behavior Sciences, ELSEVIER Publications The Netherlands	Speed Prediction Models for Urban Arterials under Mixed Traffic Conditions Procedia, Social and Behavior Sciences, ELSEVIER Publications The Netherlands DOI: 10.1016/j.sbspro.2013.11. / 2013		2013
27.	Proceedings of 18 th International Conference of Hong Kong Society for Transportation Studies (HKSTS) Hong Kong	Speed Distribution and Free Speed Characteristics on Urban Arterials under Mixed Traffic Conditions 18 th International Conference of Hong Kong Society for Transportation Studies (HKSTS) Hong Kong 18 / 2013		2013

7.0 PAPERS IN OTHER REPUTED JOURNALS

S. No.	Name of Journal	Title of Paper	Vol/Issue No.	Year
1.	Journal of Traffic and Logistics Engineering Germany	Influence of Crossing Pedestrians at Undesignated Locations on Capacity of 4-lane Urban Midblock Sections Journal of Traffic and Logistics Engineering, Germany	5(1)	2017

S. No.	Name of Journal	Title of Paper	Vol/Issue No.	Year
2.	Urban Transport Journal, Institute of Urban Transport (India)	Estimation of Capacity of Expressways in India using Dynamic PCU Value Urban Transport Journal, Institute of Urban Transport (India) India	15(1)	2016

8.0 CONFERENCE PAPER IN SCIENCE CITATION INDEX (SCI) OR SCOPUS OR WEB OF SCIENCE CONFERENCE OR ANY INTERNATIONALLY RENOWNED CONFERENCE

S. No.	Name of Conference	Title of Paper	Vol No.	Year
1.	13th International Conference of Eastern Asia Society for Transportation Studies (EASTS), Colombo (Sri Lanka), September 09-11, 2019	Analysis of Level of Service for Manually Operated Tollbooths under Mixed Traffic Scenario		2019
2.	13th International Conference of Eastern Asia Society for Transportation Studies (EASTS), Colombo (Sri Lanka), September 09-11, 2019	Service Time variation Analysis at Manually Operated Toll Plazas under Mixed Traffic Conditions in India		2019
3.	13th International Conference of Eastern Asia Society for Transportation Studies (EASTS), Colombo (Sri Lanka), September 09-11, 2019	Statistical Distribution Analysis of Clearance Time at Manually Operated Toll Plazas under Mixed Traffic Conditions		2019
4.	13th International Conference of Eastern Asia Society for Transportation Studies (EASTS), Colombo (Sri Lanka), September 09-11, 2019	Study on Acceleration and Deceleration Characteristics of Vehicles Influenced by Crossing Pedestrians at Urban Midblock Sections		2019
5.	13th International Conference of Eastern Asia Society for Transportation Studies (EASTS), Colombo (Sri Lanka), September 09-11, 2019	Roundabout Entry Capacity Estimation Under Heterogeneous Traffic Conditions		2019
6.	13th International Conference of Eastern Asia Society for Transportation Studies (EASTS), Colombo (Sri Lanka), September 09-11, 2019	Effect of Side Friction Parameter on Urban Road Traffic: Under Mixed Traffic Scenario		2019
7.	World Conference on Transport Research (WCTR), IIT Bombay, India, May 26-31, 2019	A Quick Method for Estimation of Level of Service at Manually Operated Tollbooths under Mixed Traffic Conditions		2019
8.	World Conference on Transport Research (WCTR), IIT Bombay, India, May 26-31, 2019	Evaluating LOS at Urban Midblock Section under the Influence of Crossing Pedestrians in Mixed Traffic Conditions		2019

S. No.	Name of Conference	Title of Paper	Vol No.	Year
9.	World Conference on Transport Research (WCTR), IIT Bombay, India, May 26-31, 2019	Mapping Pedestrian-Vehicle Behavior at Urban Undesignated Mid-Block Crossings under Mixed Traffic Environment – A Trajectory-Based Approach		2019
10.	World Conference on Transport Research (WCTR), IIT Bombay, India, May 26-31, 2019	Analysis of Level of Service at Toll Plaza by using Fuzzy Logic Approach		2019
11.	World Conference on Transport Research (WCTR), IIT Bombay, India, May 26-31, 2019	A Quick Method for Estimation of Level of Service at Manually Operated Tollbooths under Mixed Traffic Conditions		2019
12.	World Conference on Transport Research (WCTR), IIT Bombay, India, May 26-31, 2019	Calibration of HCM equation to estimate the saturation flow at signalized junction under mixed traffic		2019
13.	World Conference on Transport Research (WCTR), IIT Bombay, India, May 26-31, 2019	Traffic Equivalency Factor for Mixed Traffic to Estimate the Saturation flow at Signalized Junctions		2019
14.	98 th TRB Annual Meeting, Washington D.C. (United States), January 13-17,2019.	Roundabout Entry Capacity Model Under Heterogeneous Traffic Condition: Modification Factor for HCM Equation		2019
15.	97 th TRB Annual Meeting, Washington D.C. (United States), Paper Number 18-02549, January 7-11, 2018.	Concept of Stream Equivalency Factor: A Measure of Heterogeneous Traffic at Tollbooths in India		2018
16.	97 th TRB Annual Meeting, Washington D.C. (United States), Paper Number 18-02683, January 7-11, 2018.	Concept of Tollbooth Equivalency Factor at Toll Plaza under Mixed Traffic Condition		2018
17.	97 th TRB Annual Meeting, Washington D.C. (United States), Paper Number 18-02683, January 7-11, 2018.	Modification in HCM Equation of Roundabout Capacity under Heterogeneous Traffic Condition.		2018
18.	97 th TRB Annual Meeting, Washington D.C. (United States), Paper Number 18-02683, January 7-11, 2018.	Effect of Traffic Composition on Capacity of Six-Lane Urban Arterial Midblock Sections.		2018
19.	97 th TRB Annual Meeting, Washington D.C. (United States), Paper Number 18-02683, January 7-11, 2018.	Speed Prediction Model on Four-Lane Urban Arterials Under Mixed Traffic Conditions by Using Simultaneous Equation Approach.		2018
20.	21 st EURO Working Group on Transportation Meeting (EWGT-2018), Braunschweig, Germany, 17-19 th September 2018	Empirical Analysis of Level of Service based on Users Perception at Manual Tollbooth Operation in India		2018
21.	21 st EURO Working Group on Transportation Meeting (EWGT-2018), Braunschweig, Germany, 17-19 th September 2018	Stream equivalency factor for mixed traffic at urban signalized intersections		2018

S. No.	Name of Conference	Title of Paper	Vol No.	Year
22.	Eastern Asia Society for Transportation Studies, 12 th International Conference of EASTS, Ho Chi Minh City (Vietnam), September 17-19, 2017	Distribution of Service Time at Toll Plaza in India under Mixed Traffic Condition		2017
23.	96 th Annual Meeting of Transportation Research Board (TRB), Washington, DC, USA. January 2017	Lane Change as a Measure of Capacity Reduction near Curbside Bus Stops under Mixed Traffic Conditions		2017
24.	96 th Annual Meeting of Transportation Research Board (TRB), Washington, DC, USA. January 2017	Development of Capacity Model for Urban Arterials using VISSIM		2017
25.	96 th Annual Meeting of Transportation Research Board (TRB), Washington, DC, USA. January 2017	New Methodology for Estimating PCU on Multi Lane Urban Roads under Mixed Traffic Scenario Based on Area Occupancy		2017
26.	20 th EURO working group on Transportation Meeting EWGT 2017, Budapest, Hungary. September 04-06, 2017.	Roundabout Capacity in Heterogeneous Traffic Condition: Modification of HCM Equation and Calibration		
27.	4 th International Conference of Transportation Research Group of India (CTRG), IIT Bombay (India), December 17-20, 2017.	Stream Equivalency Factor: A Measure of Heterogeneous Traffic at Tollbooths in India		2017
28.	4 th International Conference of Transportation Research Group of India (CTRG), IIT Bombay (India), December 17-20, 2017.	Headway Distribution at Tollbooth in India under Mixed Traffic Condition		2017
29.	4 th International Conference of Transportation Research Group of India (CTRG), IIT Bombay (India), December 17-20, 2017	Vehicle Categories-wise Service Time Analysis at Tollbooths under Mixed Traffic Scenario		2017
30.	4 th International Conference of Transportation Research Group of India (CTRG), IIT Bombay (India), December 17-20, 2017	Evaluation of pedestrian flow characteristics at roundabouts in a mixed traffic scenario.		2017
31.	4 th International Conference of Transportation Research Group of India (CTRG), IIT Bombay (India), December 17-20, 2017	Financial feasibility analysis of truck parking terminal: A case study		2017
32.	4 th International Conference of Transportation Research Group of India (CTRG), IIT Bombay (India), December 17-20, 2017	Analysis of Vehicular Pedestrian Interaction at Urban Undesignated Mid-Block Sections.		2017
33.	4 th International Conference of Transportation Research Group of India (CTRG), IIT Bombay (India), December 17-20, 2017	Modelling Dynamic PCUs using Occupancy Time Approach at Urban Signalized Intersections under Mixed Traffic Conditions		2017
34.	ASCE India Conference, IIT Delhi (India), December 12-14, 2017	Vehicle Class wise Service Time Prediction Models for Tollbooths under Mixed Traffic Conditions		2017
35.	ASCE India Conference, IIT Delhi (India), December 12-14, 2017	Evaluation of Pedestrian Safety Index at Urban Mid-Block		2017

S. No.	Name of Conference	Title of Paper	Vol No.	Year
36.	12 th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC), IIT Bombay (India), December 19-21, 2016	An approach of estimating vehicle equivalency factors at toll booths in India		2016
37.	95 th Annual Meeting of Transportation Research Board (TRB), Washington, DC, USA. January 2016	Conceptual Approach for Estimating Dynamic PCU on Urban Arterial Roads using Simultaneous Equations		2016
38.	14 th World Conference on Transport Research (WCTR), Tongji University, Shanghai, China, July 10-15, 2016	Conceptual Approach of Estimating PCU at Roundabouts		2016
39.	14 th World Conference on Transport Research (WCTR), Tongji University, Shanghai, China, July 10-15, 2016	Effect of Traffic Mix on Capacity of Urban Arterial Roads		2016
40.	14 th World Conference on Transport Research (WCTR), Tongji University, Shanghai, China, July 10-15, 2016	Effect of heterogeneous motorized traffic on saturation flow at signalized intersections		2016
41.	14 th World Conference on Transport Research (WCTR), Tongji University, Shanghai, China, July 10-15, 2016	Modelling Speed on 4-lane Urban Arterials under Mixed Traffic Conditions		2016
42.	5 th International Conference on Transportation and Traffic Engineering (ICTTE 2016) at University of Lucerne, Switzerland. July 06–08, 2016.	Influence of Crossing Pedestrians at Undesignated Locations on Capacity of 4-lane Urban Midblock Sections		2016
43.	93 rd Annual Meeting of Transportation Research Board (TRB), Washington, DC, USA. January 2014.	Influence of Undesignated Pedestrian Crossings on Midblock Capacity of Urban Roads.		2014
44.	International Conference on Sustainable Civil Infrastructure (ICSCI), Hyderabad, India. 2014.	Capacity Drop of Urban Arterial due to a Curbside Bus Stop		2014
45.	International Conference of Traffic and Transportation Engineering (ICTTE) at Venice, Italy. November 14-15, 2013.	Speed Characteristics of Mixed Traffic Flow on Urban Arterials.		2013
46.	National Conference on Recent Advances in Traffic Engineering (RATE) 2012	A Note on Capacity estimation Methods		2012
47.	International Congress of Environmental Research (ICER) at University of Mauritius, Mauritius. September 16 – 18, 2010.	Road Traffic Air Pollution Level of Surat City: A GIS Approach		2010

9.0 CONFERENCE PAPER IN NATIONAL CONFERENCES

S. No.	Name of Conference	Title of Paper	Vol No.	Year
1.	6 th Colloquium on Transportation Systems Engineering and Management (CTSEM-2019), SVNIT, Surat, 14 and 15 th June 2019	Effect of on street parking on speed characteristics and capacity of urban arterial midblock sections		2019
2.	6 th Colloquium on Transportation Systems Engineering and Management (CTSEM-2019), SVNIT, Surat, 14 and 15 th June 2019	Acceleration and Deceleration Characteristics of Light and Heavy Commercial Vehicles at Manually Operated Toll Plaza Under Mixed Traffic Conditions (<i>Best paper Award</i>)		2019
3.	6 th Colloquium on Transportation Systems Engineering and Management (CTSEM-2019), SVNIT, Surat, 14 and 15 th June 2019	Empirical Analysis of Pedestrians Perception at Undesignated Pedestrian Crossing Midblock Section		2019
4.	6 th Colloquium on Transportation Systems Engineering and Management (CTSEM-2019), SVNIT, Surat, 14 and 15 th June 2019	Estimation of Vehicular Speed on Urban Arterial Road Using k-Nearest Neighborhood Approach		2019
5.	6 th Colloquium on Transportation Systems Engineering and Management (CTSEM-2019), SVNIT, Surat, 14 and 15 th June 2019	Waiting Time Distribution Analysis at Toll Plazas Under Mixed Traffic Conditions		2019
6.	3 rd National Conference on Recent Advances in Traffic Engineering (RATE 2018), SVNIT, Surat, 11 th and 12 th August 2018.	Analysis of Traffic Characteristics at Toll Plaza using Performance Box		2018
7.	3 rd National Conference on Recent Advances in Traffic Engineering (RATE 2018), SVNIT, Surat, 11 th and 12 th August 2018.	Pedestrian Risk Analysis At Undesignated Urban Midblock Section		2018
8.	3 rd National Conference on Recent Advances in Traffic Engineering (RATE 2018), SVNIT, Surat, 11 th and 12 th August 2018.	Behavioural analysis of pedestrian and vehicular drivers during conflict at undesignated mid-block crosswalks		2018
9.	3 rd National Conference on Recent Advances in Traffic Engineering (RATE	Impact Of Dynamic Passenger Car Units In An Agent-Based Simulation Framework		2018

S. No.	Name of Conference	Title of Paper	Vol No.	Year
	2018), SVNIT, Surat, 11 th and 12 th August 2018.			
10.	3 rd National Conference on Recent Advances in Traffic Engineering (RATE 2018), SVNIT, Surat, 11 th and 12 th August 2018.	Performance Evaluation Of Urban Roadway Links Using V-Box		2018
11.	3 rd National Conference on Recent Advances in Traffic Engineering (RATE 2018), SVNIT, Surat, 11 th and 12 th August 2018.	Effect Of Two-Wheeler Proportion On Passenger Car Units At Roundabout In Indian Urban Scenario		2018
12.	5 th Colloquium on Transportation Systems Engineering and Management (CTSEM2018), NIT Warangal, May 17–19, 2018.	Delay Estimation at Urban Midblock Sections under the Influence of Crossing Pedestrians		2018
13.	Indian Roads Congress – Young (IRC–Y) Conference 2018, Nagpur, 27-28 October, 2018	Identifying the degree of aggression in a vehicle-pedestrian conflict at undesignated road crossings		2018
14.	1 st National Conference on Emerging Research and Innovations in Civil Engineering, Surat, 15 to 16 February 2019	To Study Traffic Characteristics of Urban Midblock Section Influenced by Crossing Pedestrians under Mixed Traffic Conditions (<i>Best paper Award</i>)		2018
15.	Urban Mobility India Conference, Hyderabad (India), November 4-6, 2017.	Level of Service at Toll Plaza under Mixed Traffic Scenario		2017
16.	Urban Mobility India Conference, Hyderabad (India), November 4-6, 2017.	Vehicle Class Wise Speed Prediction Models under the Influence of Crossing Pedestrian at Urban Midblock Sections		2017
17.	National Conference on Road and Transport (NCORT-2017), IIT Roorkee (India), October 14-15, 2017	Tollbooth Capacity Estimation under Mixed Traffic Condition		2017
18.	National Conference on Road and Transport (NCORT-2017), IIT Roorkee (India), October 14-15, 2017	Performance Evaluation of rural roads of South Gujarat Region built with Modified Sub-grade		2017
19.	National Conference on Fifteen Years of Pradhan Mantri Gram Sadak Yojna (FYPMGSY) at IIT Roorkee, India. August 06-07, 2016	Prioritisation Criteria of Maintenance of PMGSY Roads using HDM-4		2016

S. No.	Name of Conference	Title of Paper	Vol No.	Year
20.	1 st National Conference on Recent Advances in Civil Engineering	Pedestrian Crossing Behavior at Roundabout		2016

10.0 ADMINISTRATIVE ASSIGNMENTS (INSTITUTE LEVEL)

S. No.	Name of Position	Duration
1.	Professor Incharge –Institute Guesthouse	28/06/2019 till date
2.	Chief Hostel Warden-Narmad Bhavan	1/06/2019 till date
3.	PG Incharge Transportation	22/08/19 till date
4.	Liaison Officer SVNIT	22/10/19 till date
5.	GeM Coordinator, CED	1/04/19 till date
6.	Post Graduate (PF) Incharge – M.Tech. Transportation Engineering & Planning	14/08/2015 to 17/08/2017 (4 Semester)
7.	Assistant Warden	04/08/2008 to 11/06/2011 (5 Semester)
8.	Chairman – Board of Studies – B.E./B.Tech. Civil Engineering	May 2006 to August 2007 (3 Semester)
9.	Faculty Coordinator – Students Sports Activities	January 2005 to April 2006 (3 Semester)
10.	Departmental Coordinator - Student Council Election 2014	2014 – 2015 (1 Semester)
11.	Departmental Coordinator - Student Council Election 2015	2015 – 2016 (1 Semester)
12.	Departmental Coordinator - Student Council Election 2016	2016 – 2017 (1 Semester)
13.	Member – Hindi Cell	2017 – till date (2 Semester)
14.	Member Secretary – Institute Furniture Committee	27/06/2017 to till date (1 Semester)
15.	Member – Institute level Anti-Ragging Committee	12/08/2016
16.	Professor Incharge – Construction & Maintenance	06/09/2016 to 24/11/2017 (1Yr. 3 Months)
17.	Officer Incharge – Civil Maintenance & Water Supply (CMWS)	07/08/2006 to 24/08/2007(1 Yr. 1 Month)
18.	Officer Incharge Sanitation	30/07/2006 to 24/08/2007 (1 Yr. 1 Month)

11.0 ADMINISTRATIVE ASSIGNMENTS (DEPARTMENT LEVEL)

S. No.	Name of Position	Duration
1.	Head – Civil Engineering Department	01/07/2006 to 24/08/2007 (2 Semester)
2.	Placement Coordinator - Civil Engineering Department	January 2005 to April 2006 (3 Semester)
3.	Lab. Incharge – Traffic Engineering & Road Safety	2014 – till date
4.	Lab. Incharge – Traffic Simulation Lab.	2014 – 2017
5.	Lab. Incharge – Transportation Engineering Lab.	2017 – till date
6.	Lab Inchange – Highway Engineering lab.	2007 – 2011
7.	Faculty Incharge – Annual and Monthly Report	2017 – till date
8.	Faculty Incharge – Departmental Website Development	2017 – till date
9.	Faculty Advisor – B.Tech. – III Civil Engg.	16/05/2016

12.0 FACULTY DEVELOPMENT PROGRAM OR SHORT TERM TRAINING PROGRAMME/GiA PROGRAMME ORGANISED

S. No.	Name of Course	Sponsoring Agency	Duration and No. of Days	Role
1.	Training Programme on MX-Road and AutoCAD Civil 3D Software	TEQIP – II Supported Short Term Training Programme (STTP)	One Week 02/05/2016 to 06/05/2016	Coordinator
2.	AutoCAD Civil 3D - Civil Infrastructure and Road Design Software	TEQIP – II Supported Workshop	Two days 29/03/2017 to 30/03/2017	Coordinator
3.	Construction & Road Safety Management	TEQIP – II Sponsored Short Term Training Programme (STTP)	One Week 26/10/2015 to 31/10/2015	Coordinator
4.	Approached & Practices in Urban Transportation Planning	AICTE Sponsored Short Term Training Programme (STTP)	One Week 05/01/2009 to 09/01/2009	Co-Coordinator
5.	Discrete Choice Modelling	AICTE Sponsored Short Term Training Programme (STTP)	One week 21/12/2009 to 25/12/2009	Co-Coordinator
6.	Utilization of fly-ash	DST, New Delhi Supported Workshop	Two days 10/06/2011 to 11/06/2011	Co-Coordinator

7.	Training Programme on Plumbing Techniques	Technical Education Quality Improvement Programme (TEQIP) Sponsored Short Term Training Programme (STTP)	Two Week 01/09/2006 to 10/09/2006	Coordinator
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13.0 FACULTY DEVELOPMENT PROGRAM OR SHORT TERM TRAINING PROGRAMME ATTENDED

S. No.	Name of Course	Sponsoring Agency	Duration and No. of Days	Organization
Nil				

14.0 WORKSHOP ORGANISED

S. No.	Name of Course	Sponsoring Agency	Duration and No. of Days	Role
1.	AIIB Workshop on “Road Safety Audit and Engineering Measures” (27/09/19-29/09/19)	AIIB	3	Co-Coordinator
2.	AIIB Workshop on “Road Safety Audit and Engineering Measures” (20/09/19-22/09/19)	AIIB	3	Co-Coordinator
3.	AIIB Workshop on “Road Safety Audit and Engineering Measures” (30/08/19-01/09/19)	AIIB	3	Co-Coordinator
4.	AIIB Workshop on “Road Safety Audit and Engineering Measures” (02/08/19-04/08/19)	AIIB	3	Co-Coordinator
5.	AITD Workshop on “Road Safety Engineering Measures” (24/08/18-28/08/18)	AITD	5	Co-Coordinator
6.	AITD Workshop on “Road Safety Engineering Measures” (22/07/18-26/07/18)	AITD	5	Co-Coordinator
7.	AITD Workshop on “Road Safety Engineering Measures” (16/07/18-20/07/18)	AITD	5	Co-Coordinator
8.	AITD Workshop on “Road Safety Engineering Measures” (16/04/18-16/04/18)	AITD	5	Co-Coordinator

15.0 WORKSHOP ATTENDED

S. No.	Name of Course	Sponsoring Agency	Duration and No. of Days	Organization
Nil				

16.0 NATIONAL OR INTERNATIONAL CONFERENCE ORGANIZED

S. No.	Name of Conference	Duration	Role
1.	6 th Colloquium on Transportation Systems Engineering and Management (CTSEM-2019)	14 and 15 th June 2019	Convenor
2.	Recent Advances in Traffic Engineering (RATE-2018)	11/08/2018 to 12/08/2018	Organising Secretary
3.	4 th Conference of Transportation Research Group of India (CTRG) 2017	17/12/2017 to 20/12/2017	Member
4.	Recent Advances in Civil Engineering (RACE – 2016)	05/03/2016 to 06/03/2016	Joint Organising Secretary
5.	Recent Advances in Traffic Engineering (RATE-2015)	03/07/2015 to 04/07/2015	Co-conveners
6.	Sustainable Urban & Transportation Planning: Issues & Management Strategies (SUTRIMS - II)	08/07/2011 to 10/07/2011	Organising Secretary
7.	Sustainable Urban Transportation: Issues & Management Strategies (SUTRIMS)	28/12/2007 to 29/12/2007	Organising Secretary

17.0 POST GRADUATE DISSERTATION GUIDED

S. No.	Year of Passing	Name of Student	Dissertation Title	Supervisor/Co-Supervisor
1.	2009	Nehal Rana	Study of Traffic Accident Pattern in CBD region of Surat City in GIS Environment	Supervisor
2.	2010	Girish Agola	Upgradation Planning of PMGSY Roads in GIS Environment of Gendevi Block in Navsari District	Supervisor
3.	2010	Jayanti Patel	Development of Flexible Pavement Cost Model For Different Soil CBR and Traffic Conditions of South Gujarat Region	Supervisor

4.	2011	Viral Chaudhary	Flexible Pavement Cost Model for Stabilized Soil CBR using different Stabilizer	Supervisor
5.	2011	Paresh Patel	Modelling of Traffic Accidents for an Arterial Road: A Case study of Surat City	Supervisor
6.	2011	Keyur Patel	Evaluation of Stabilized Subgrade Soil for Construction of Rural Roads on Expansive Soil	Supervisor
7.	2011	Ujjwal Solanki	Study on Soil Stabilization through Innovative Material for Construction of Rural Roads: A case Study of East Gujarat and Saurashtra	Supervisor
8.	2015	Payam Praveen	Lane wise Headway Distribution Study on Urban Arterial under Mixed Traffic Conditions	Supervisor
9.	2015	Sonu Mathew	Study of Mixed Traffic Flow Characteristics at Four Legged Roundabouts	Supervisor
10.	2016	Abhinav Chakarborty	Effect of Countdown Timer on Saturation Flow at Urban Signalized Intersections under Mixed Traffic Conditions	Supervisor
11.	2016	Vinay Gautam	Traffic and Pedestrian Movement Analysis at Urban Midblock Sections	Supervisor
12.	2016	Rajiv Ranjan Mishra	Effect of On-street Parking on Speed-Flow Characteristics of Urban Midblock Section	Supervisor
13.	2017	Rajendra Meena	Urban Arterial Capacity Model through VISSIM Calibrated for Mixed Traffic Conditions	Supervisor
14.	2017	Tania Ann Joseph	Methodology to Simulate Traffic Operations at Roundabout in India	Co-Supervisor
15.	2017	Mahaveer Singh	Service Time and LOS Analysis at Tollbooths in India	Supervisor
16.	2018	Gaurav Yadav	Traffic Operational Performance Evaluation of Urban Roadway Links using V-Box	Supervisor
17.	2018	Dadwal Pawan	Economic Evaluation of Stabilized Subgrade Soil for types of Geogrids	Supervisor

18.	2019	Chintaman Bari	Delay and Emission Modelling at Manually Operated Toll Plazas under Mixed Traffic Conditions	Supervisor
19.	2019	Mahindra Deshmukh	Lateral Placement of Vehicles on Urban Arterial Roads under Mixed Traffic Conditions	Supervisor
20.	2019	Adersh T. V.	Analysis of Traffic Flow Characteristics on Urban Roads using K-Nearest Neighbour and Kriging Approach	Supervisor
21.	2019	Om Krishan Sharma	Evaluating Delay at Midblock Section due to Crossing Pedestrian under Mixed Traffic Conditions	Supervisor
22.	2019	Ankit Sachan	Performance Evaluation of Bituminous Concrete using Warm Mix Asphalt Chemical Additive	Supervisor

18.0 UNDER GRADUATE PROJECTS

S. No.	Year of Passing	Project Title	Name of Students
1.	2019	Design and Improvement of existing Intersections in Urban Areas	Naman Thawani, Shivasai Krupakar, Mihir Brahmakshatriya
2.	2018	GIS Mapping of Road Accident Data on Urban Arterial – Case Study of Surat City	Prashant Singh, Manoj Kumar, Punit Verma, Vinit Soni
3.	2017	Performance evaluation of urban roadway links using V-Box	Kumar Garg, Jitendra Patel, Meena Kamal, Karim Abdul
4.	2016	Subgrade soil improvement using nanotechnology based materials	Donthula Chandra, Dosapati Satyanarayana, Modugu Naganaveen, Perala Yashwanth, Samiullah Amini, Ravi Meena
5.	2010	Life Cycle Cost Analysis of Flexible and Rigid Pavements	
6.	2009	Performance evaluation of bituminous mixes	
7.	2006	Air Pollution and its Reduction Techniques with a Case Study of Agra City	

19.0 TEXT OR REFERENCE BOOKS/BOOK CHAPTER PUBLISHED ON RELEVANT SUBJECTS

S. No.	Title of book	Name of Publisher	Year	Name of Co-Author
1	Safe and Sustainable Urban Road Traffic & Transportation Manual	Surat Municipal Corporation (SMC) Surat	2017	Dr. G. J. Joshi, Dr. S. S. Arkatkar, Dr. Chetan Patel
2	Development of Indian Highway Capacity Manual (Indo – HCM) – Book Chapter	CSIR – CRRI, New Delhi	2017	Dr. G. J. Joshi, Dr. S. S. Arkatkar

20.0 AWARDS/SCHOLARSHIP RECEIVED

S. No.	Detail of Award/Scholarship	Year	Remark
1.	International Travel Support Fellowship Grant	2017	20 th EURO working group on Transportation Meeting (EWGT) 2017, held at Budapest, Hungary
2.	International Travel Support Fellowship Grant	2014	93 rd Annual Meeting of Transportation Research Board (TRB) held at Washington D.C. USA
3.	Quality Improvement Programme Fellowship	2011 – 2014	For pursuing Ph.D. under QIP at IIT Roorkee
4.	Ministry of Human Resources Development (MHRD) Fellowship	July 2001 to Jan. 2003	For Pursuing M.Tech. from M.N.I.T. Jaipur

21.0 EXPERT LECTURE DELIVERED

S. No.	Title of Lecture	Organisation	Details of Programme
1.	Traffic Signs and Road Markings Road Safety Audit	SVNIT, Surat	AIIB Workshop on “Road Safety Audit and Engineering Measures” (27/09/19-29/09/19)
2.	Traffic Signs and Road Markings Road Safety Audit	SVNIT, Surat	AIIB Workshop on “Road Safety Audit and Engineering Measures” (20/09/19-22/09/19)

3.	Traffic Signs and Road Markings Road Safety Audit	SVNIT, Surat	AIIB Workshop on “Road Safety Audit and Engineering Measures” (30/08/19-01/09/19)
4.	Traffic Signs and Road Markings Road Safety Audit	SVNIT, Surat	AIIB Workshop on “Road Safety Audit and Engineering Measures” (02/08/19-04/08/19)
5.	Road Accident Data: Collection, Management and Analysis, Road Signs and Signals Road Markings and Street Light Road safety appearances for curves, bridges, culverts, flyovers and their approaches (Crash barriers / crash cushions) Star Rating of Roads from Safety Perspective, Road Safety:4E Approach, Road Safety Audit Reports & Responses, Site visit for Conducting Construction Stage and Existing Stage Road Safety Audit ~ Day Time, Preparation of Field RSA Report in Groups	SVNIT, Surat	AITD Workshop on “Road Safety Engineering Measures” (24/08/18-28/08/18)
6.	Road Accident Data: Collection, Management and Analysis Road Signs and Signals Road Markings and Street Light Road safety appearances for curves, bridges, culverts, flyovers and their approaches (Crash barriers / crash cushions) Star Rating of Roads from Safety Perspective, Road Safety:4E Approach, Road Safety Audit Reports & Responses, Site visit for Conducting Construction Stage and Existing Stage Road Safety Audit ~ Day Time, Preparation of Field RSA Report in Groups	SVNIT, Surat	AITD Workshop on “Road Safety Engineering Measures” (22/07/18-26/07/18)
7.	Road Accident Data: Collection, Management and Analysis Road Signs and Signals Road Markings and Street Light Road safety appearances for curves, bridges, culverts, flyovers and their approaches (Crash barriers / crash cushions) Star Rating of Roads from Safety Perspective, Road Safety:4E Approach, Road Safety Audit Reports & Responses, Site visit for Conducting Construction Stage and Existing Stage Road Safety Audit ~ Day Time, Preparation of Field RSA Report in Groups	SVNIT, Surat	AITD Workshop on “Road Safety Engineering Measures” (16/07/18-20/07/18)
8.	Road Accident Data: Collection, Management and Analysis Road Signs and Signals Road Markings and Street Light Road safety appearances for curves, bridges, culverts, flyovers and their approaches (Crash barriers / crash cushions)	SVNIT, Surat	AITD Workshop on “Road Safety Engineering Measures” (16/04/18-16/04/18)

	Star Rating of Roads from Safety Perspective, Road Safety:4E Approach, Road Safety Audit Reports & Responses, Site visit for Conducting Construction Stage and Existing Stage Road Safety Audit ~ Day Time, Preparation of Field RSA Report in Groups		
9.	Flexible and Rigid Pavement Design: Challenges & Opportunities	Parul University, Vadodara	23/02/2017
10.	Bridge Engineering	Charotar Institute of Technology, Changa, Gujarat	(February and March 2011).
11.	Geographic Information System – Utility & Applications	SVNIT, Surat	AICTE Sponsored Short Term Training Programme on “Discrete Choice Modeling” (21.12.09 to 25.12.09)
12.	Geographic Information System – Transportation”	SVNIT, Surat	AICTE Sponsored Short Term Training Programme on “Recent Trends in Urban Transportation Planning” (05.10.09 to 09.10.09)
13.	Use of Geographic Information System in Transportation Planning	SVNIT, Surat	AICTE Sponsored Short Term Training Programme on “Approaches and Practices in Urban Transportation Planning” (05.01.09 To 09.01.09)
14.	Hydro Turbines	Assistant Engineers Academy, Kalagarh, Uttrakhand	Delivered to Assistant Engineers of Uttaranchal Jal Vidyut Nigam Limited (13.07.06 – 15.07.06)
15.	Plumbing Technique in a Training Course on “Plumbing Techniques”	G.B. Pant Engineering College, Pauri Garhwal, Uttrakhand (01.09.06 – 10.09.06)	TEQIP programme on Services to Community and Economy,

22.0 UNDER GRADUATE TEACHING

S. No.	Name of Subject	Academic Year	Semester
1.	Basic Transportation Systems	2016-17,2017-18,2018-19	IV
2.	Basic Civil and Environmental Engineering	2016-17,2017-18,2018-19	I and II
3.	Introduction to Surveying	2019-20	I

23.0 POST GRADUATE TEACHING

S. No.	Name of Subject	Academic Year	Semester
1	Transportation Economics	2016-17,2017-18,2018-19,2019-20	I
2	Transportation Engineering and Road Safety	2016-17,2017-18,2018-19,2019-20	II

(Signature of Faculty)