

CURRICULUM VITAE

1. Current Position: **Assistant Professor in Civil Engineering Department**
(Ability to work as Research Reviewer/ Town planner/ Infrastructure designer/ Disaster management Expert/ Project Management expert/ Tendering Specialist)

2. Name: **BHASKER VIJAYKUMAR BHATT**

3. Date of Birth: 22-02-1979 **Nationality:** Indian

4. Academic Qualifications:

<i>Sr.</i>	<i>Degree Obtained</i>	<i>College/University</i>	<i>Years of Obtainment</i>	<i>Remarks</i>
1	M. B. A. Project Management	Sikkim Manipal University	Sep 2011 to Dec 2013	Distance Mode
2	M. Tech (Civil Engineering) Specialization: Town and Regional Planning	S. V. N. I. T. Surat	Aug 2005 to Aug 2007	Gold Medalist (1 st in University)
3	Bachelors of Engineering (Civil Engineering)	S. V. N. I. T. Surat	May 2001 to Jun 2004	Silver Medalist (2 nd in University)
4	Diploma in Civil Engineering	V. B. T. Polytechnic, UmraKh, T. E. B. Gujarat	Oct 1998 to Dec 2000	Gold Medalist (5 th in State)

5. Memberships:

- a. The Institute of Town Planners India (Associate Life Member – AITP/ 2009-065)
- b. The Institute of Civil Engineers & Architects [ICEA], Surat (Life Member) [Chairman – News Letter Committee 2009-10, 2010-11]
- c. The Institute of Engineers, India (Kolkata HQ) – M 148851-6 (Life Member)
- d. The Indian Society for Technical Education (ISTE) – Life Membership – LM - 95183 (March 2014) [Member - Gujarat Section Management Committee 2014-16]
- e. The Institute of Urban Transportation [IUT] (Life Member – M-1003)
- f. The Indian Water Works Association (IWWA), Mumbai (Life Member – LM-6479)
- g. The Rotary International (Member since 2005) [Rotary Club of Surat, MPHF]
- h. The Solution Exchange – Disaster Reduction & Management Community in India (Honorary)
- i. Registered Civil Engineer (Surat Municipal Corporation – No. TDO/ER/973)

6. Trainings undergone:

- a. **Three-day Faculty Development Program/ workshop** for Design Engineering during 28th – 30th October, 2014 organized by S4, GTU Innovation Council, LDCE Ahmedabad

- b. **Two-day workshop** for GTU Innovation Club Coordinators “Making Final Year Projects More Innovative through a systematic use of Design Canvases” during 2nd – 3rd August, 2014 organized by GTU Innovation Council, GTU Ahmedabad
- c. **One week FDP** on “Quantitative Techniques for Scientific Research using Statistical Software” during 21st – 25th July, 2014 organized by The Gujarat Technological University (GTU) and Center for Global Business Studies (CGBS) at Chandkheda
- d. **One-day workshop** on “Geometrical Interpretation of Mathematical Concepts” on 7-June-2014 organized by The Gujarat Technological University (GTU)
- e. **One-Week Coordinators’ Workshop** on “Fluid Mechanics” conducted by IIT Kharagpur during 10th to 15th March, 2014 at IIT Kharagpur
- f. Enrolled in **WBI e-learning course** – “PG1401 – Policies for Growth” during 20th January to 21st February, 2014 (4 weeks).
- g. **Completed WBI e-learning course** – “MF101 – Municipal Finances – A Learning Program for Local Governments” during 28th October to 20th December, 2013 (10 weeks).
- h. **Completed WBI e-learning course** – “SR101 – Safe and Resilient Cities” during 5th November to 4th December, 2013 (4 weeks).
- i. **Completed WBI e-learning course** – “UR120 – Introduction to Disaster Risk Management” during 3rd September to 30th September, 2013 (4 weeks).
- j. **One-Week QIP Approved Short Term Course** on “Urban Transportation Systems Planning (UTSP)” at IIT Roorkee during 17/6/2013 to 21/06/2013.
- k. **One-day workshop** on Surat-Navsari Twin City Development organized by SMC and Navsari Municipality at Navsari on 28/04/2013
- l. **2-Day ISTE Workshop** on “Aakash for Education” conducted by IIT Bombay to be held at remote center SCET during 10-11 November 2012
- a. **Two-day Workshop** for Surat-Zone on “Patenting in Engineering” organized by GTU Innovation Council at Bhagwan Mahavir College, Surat during 3rd-4th March, 2012
- m. **One-day Workshop** on “Industry Defined Problems” organized by MLIDS-GTU at Bhandu, Mehsana on 4th February, 2012.
- n. **National Training Course:** “*Sealing, Water proofing compounds and Grouting/Deep injection*”; Saturday – 27th June 2009 organized by IGS-Vadodara Chapter and The M.S. University, Vadodara
- o. **Training Programme** for “*Gujarat Hazard Risk and Vulnerability Atlas*” 16 June 2009, organized by GSDMA, Gandhinagar
- p. **State Level Workshop** (3 days) on “*Procurement Management in ICZM activities*” organized by GEC and MoEF, December 2008, Gandhinagar
- q. **Ten-Competencies Online Course** on “*Flood Modeling for Management*”, under UNESCO-IHE Delft Center, Netherlands; November 2008 (*Duration 3 months*)
- r. **State Level Workshop** on (3 days) “*COSO- Risk Identification and Mitigation*”, organized by The World Bank, November 2008, New Delhi
- s. **National Level Workshop** (2 days) on “*Training Needs Identification for ICZM in Gujarat*” organized by GEC and MoEF under The World Bank fund project, October 2008, Gandhinagar
- t. **Workshop** (2 days) on “*Ambuja Concrete Mix Design*” organized by Ambuja Cement, September 2008, Surat

- u. **National Workshop** (2 days) on “*Urban Land Management: Policies and Practices (ULMPP-2008)*” organized by CED, S. V. National Institute of Technology; April 2008, Surat
- v. **Special Training Course** on “*Urban Heritage Conservation and Management*” organized by the Regional Center for Urban and Environmental Studies (RECUS) of AILSG, Mumbai; October 2007

Seminars/ Conferences/ Workshop/ FDP/ STTP Attended:

- a. Participated in **Two-day National Workshop** on “Development of policy framework for Innovation, Student Entrepreneurship & IPR” jointly organized by AICTE and GTU in association with MHRD, GoI during 21st – 22nd November, 2014 at GTU, Chandkheda
- b. Attended **Expert talk** on “High Speed Railway in India” at GTU on 31st August, 2014
- c. **One-Day Seminar** “Smart Cities – Quo Vadis?” at GTU on 30th August, 2014
- d. 62nd **National Town and Country Planning Congress** organized by ITPI, India at Pune during 9th-10th-11th January, 2014
- e. The World Bank Institute Webinars attended – 03 online events
- f. **Vibrant Gujarat 2013 - National Summit** on Urban Development on 17th October, 2013 at Mahatma Mandir, Gandhinagar with 25 students of M. E. Civil (TCP) – I & II
- g. **Two Day National Seminar** on on “*Infrastructure Development in Civil Engineering – Present state of Art (IDCE-PSA)*” during 20-21 September, 2013 at Maralur, Tumkur (Karnataka) on 18th September, 2013 with 14 students of M. E. Civil (TCP) – I
- h. 61st **National Town and Country Planning Congress** organized by ITPI, India at Ahmedabad during 8th-9th-10th February, 2013
- i. **Half-day symposium** on “TOD based urban planning” organized by ITPI Surat Local Center, 28th December, 2012
- j. **National Conference and Workshop** on Recent Advances in Traffic Engineering (RATE 12) at SVNIT, Surat during 7-9 Jun, 2012
- k. 60th **National Town and Country Planning Congress** organized by ITPI, India at Mysore during 6-7-8 January, 2012
- l. **National Conference** (2 Days) on “Sustainable Cities” organized by Surat Municipal Corporation, April 2011
- m. **National One-day Seminar** on “*Recent Trends in Road Work (RTRW-2008)*” organized by CED, The Maharaja Sayajirao University of Baroda; February 2008, Vadodara
- n. **National Conference** (2 days) on “*Sustainable Urban Transportation: Issues and Management Strategies (SUTRIMS – 07)*” organized by CED, S. V. National Institute of Technology; December 2007, Surat

Events Organized:

- a. **Coordinated Two-day workshop** on “Data Analysis using SPSS” for PG Students during 19-20 September, 2014 at SCET, Surat
- b. **Coordinated** the organization of “SCET Praveshotsav 2014” held on 4th August, 2014 at Tara-Moti Hall, MTB Campus
- c. **Organized & Conducted One-day Workshop** on “*IDP-UDP, Shodhyatra and Basics of IPR, PSAR and PDE*” for B. E. IV Civil Students on 11th June, 2014 at SCET, Surat

- d. **Coordinated and attended Two-Week Workshop** on “Fluid Mechanics” conducted by IIT Kharagpur at (Remote Center ID-1043) during 20th to 30th May, 2014 at Sarvajanik College of Engineering & Technology, Surat
- e. In collaboration with JCI Surat **organized One-day training** seminar on ”Soft-skills” for B. E. III & IV Civil students on 4th July, 2012 at Sarvajanik College of Engineering & Technology
- f. **Organized and coordinated Two day training program** for practicing Civil Engineers and Architects for subject “*Earthquake Engineering and Disaster Resistant Construction Technology*” during 19-20th June, 2009 under UEVRP-Vadodara (DRMP) sponsored by UNDP-MHA-GSDMA
- g. **Organized and coordinated 2 One-day training programs** for Administrators/Nodal Officers/ Policy Makers/ Senior Officers for subject “*Disaster Management and Earthquake Protection*” during 18-19th May, 2009 under UEVRP-Vadodara (DRMP) sponsored by UNDP-MHA-GSDMA
- h. Conducted **City level 3rd Consultative Workshops** for City Development Plans for UIDSSMT (JnNURM) cities: Siddhpur, Deesa, Palanpur and Keshod

Technical Paper Journal Publication: (Total 04)

- a. B. V. Bhatt, N. B. Rokad; “*RCM Approach for Population Projection: Surat case*”; International Journal of Civil Engineering & Technology (IJCIET), Volume 5 Issue 9 (September 2014), pp. 135-144 IAEME (Impact Factor: 7.9290 calculated by GIS) ISSN: 0976-6308 (Print) ISSN: 0976-6316 (online)
- b. B. V. Bhatt, F. R. Gandhi; “*A Study on Parking needs at Intersections – Case of Surat T. P. Schemes*”; International Journal of Engineering Research (IJER) Volume 3 Issue 7 (July 2014), pp. 449-452; Index Copernicus Value: 5.49 points; GIF: 0.421 ISSN 2347-5013 (Print) ISSN: 2319-6890 (Online)
- c. B. V. Bhatt, V. G. Meman; “*WSM Application for analysis residential work distance: A case of NZ of Surat*”; International Journal of Advanced Research in Engineering & Technology (IJARET), Volume 5 Issue 6 (June 2014), pp. 125-135 IAEME (Impact Factor: 7.8273 calculated by GIS) ISSN: 0976-6480 (Print) ISSN: 0976-6499 (online)
- d. B. V. Bhatt, K. C. Chandpa; “*Road Crashes and losses in Surat city and Umra*”; International Journal of Civil Engineering & Technology (IJCIET), Volume 5 Issue 5 (May 2014), pp. 105-113 IAEME (Impact Factor: 7.9290 calculated by GIS) ISSN: 0976-6308 (Print) ISSN: 0976-6316 (online)

Technical Paper Conference Publication/ Presented: (Total 06)

- a. (*International conference*) Published a technical research Paper “*Road traffic accidents: Threatening Surat City*” in Journal of Civil Engineering Technology and Research (JCETR), Volume 2, Number 1 (January-June 2014); Delton Books; pp. 513-524 (co-Author: Kamlesh Chinabhai Chandpa) ISSN: 2349-9575 (through – International Conference on Emerging Trends in Engineering Sciences ICRAES-2014, at Ramaiah Institute of Technology Bangalore during 4-5 September, 2014.
- b. (*National conference*) Presented and published a technical research paper on “*Need for NMT planning at Sahara intersection of Surat*”; at “Recent Advances in Civil and Structural Engineering (RACSE ‘14)” jointly organized by ADIT and BVM during 25th and 26th April, 2014 (ISBN: 978-81-927554-1-0) Vol. II, pp. 07-12

- c. (*National conference*) Presented and published a technical research paper on “*Need for population projection approach: The Surat case*” with Mr. Naresh Rokad (ME Civil II) at “Trends and Challenges of Civil Engineering in Today's Transforming World” jointly organized by ISTE, GTU and SNPITRC, Umrakh on 29th March, 2014 (Paper ID - 14SNPIT50 – ISBN: 978-81-929339-0-0)
- d. (*National conference*) Presented and published a Technical Paper “*Street Lighting - Scope of Technological Advances in O&M and Road User Safety Improvements: A Case study of Surat*”, National Conference & Workshop on “Recent Advances in Traffic Engineering (RATE-12)” organized by SVNIT-IRC Collaborative Project at SVNIT, Surat during 7th-8th-9th Jun, 2012 (ISBN: 9789382062332) (co-Author: Mr. Dhiraj Swami (BE II Civil)) Publisher Excel India Publishers
- e. (*National conference*) Presented and published a Technical paper – “*Road Traffic Accidents: Threatening Surat City*” presented in National Conference SUTRIMS – 07 organized by CED, S. V. National Institute of Technology, Surat; December 2007
- f. (*National conference*) Presented and published a Technical paper – “*Urban Road Safety Audit: Technique and Case Study*” presented in National Conference SUTRIMS – 07 organized by CED, S. V. National Institute of Technology, Surat; December 2007

Newspaper/ Magazine Articles Publication:

- a. Maru sapna nu Surat - Property Buzz (Regional Monthly), Editor: Nilesh Gajera, Publisher: My estate point, December 2013 issue
- b. Surat Outer Ring road - Property Buzz (Regional Monthly), Editor: Nilesh Gajera, Publisher: My estate point, February 2014 issue

Expert lectures delivered:

- a. **Invited as Juror** to final Jury of ‘Metropolitan Planning Studio’ of Semester III of M. U. R. P. course students at M. S. University of Vadodara on 10th January, 2015.
- b. **Expert lecture series** sessions for Empathy mapping, Ideation and product development under design thinking in engineering for various branches of BE II – Civil Engg, Computer Engg, IT Engg, Chemical Engg, Electrical Engg, EC Engg at SCET, Surat during 19th – 25th November, 2014
- c. **Trainer/ Mentor** for Four consecutive FDP workshops organized by GTU Innovation Council for faculties of affiliated engineering colleges of Gujarat for “Design thinking in Engineering” during 3rd – 16th November, 2014 (trained successfully 260+ faculties of various branch)
- d. **Expert lecture** on “Ideation in Engineering” for final year students of civil engineering at SNPIT, Umrakh on 15-10-2014
- e. **Expert lecture** on “Design Engineering” for BE II year students of civil engineering at SNPIT, Umrakh on 15-10-2014
- f. **Expert lecture series** on “Ideation in Engineering” during September-October 2014 for final year students of IT, Chemical, Civil, E&C, Electrical, Computer Engineering at SCET
- g. **Orientation lecture** for “Shodh Yatra” for B. E. Civil IV students for Project-I (26/04/2013 – for CED BE IV Batch of 2014)
- h. **Invited as Juror** to Pre-final Jury of ‘Metropolitan Studio’ of Semester III of M. U. R. P. course students at M. S. University of Vadodara on 24th October, 2013.

- i. Expert lecture on “Education in Engineering” during a free career guidance seminar ‘Setu’ organized by Surat District Rural Police at Village: Vav on 25th May 2013.
- j. Orientation lecture for “Shodh Yatra” for B. E. Civil IV students for Project-I (24/03/2012 – for CED BE IV Batch of 2013)
- k. Organized and delivered half-day seminar on UDP/IDP for Final year B. E. Civil students on 4th May, 2012.
- l. Expert Lecture on “Water Supply Distribution Systems & Rain water Harvesting” at iNIFD, Surat on 11th April, 2012.
- m. Expert Lecture on “Flexible Pavement Design” during STTP on “Recent Advances in Pavement Design” organized by BVM College of Engineering and GTU at Vallabh Vidyanagar on March 17th, 2012.

Visiting Faculty:

- a. Visiting Faculty at Faculty of Architecture, GCPIA, VNSGU since Feb 2013.

7. Language:

Proficiency	Reading	Writing	Speaking
Gujarati	Excellent	Excellent	Excellent
Hindi	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent

8. Employment Record:

Total Experience: 08 years - 04 months

Professional Experience in Field: 05 years

Academic Experience: 03 years / 04 months

FROM: September 2011 **TO:** Till date

ORGANIZATION: Sarvajanik College of Engineering & Technology

POSITION HELD: Assistant Professor in Civil Engineering Department

Teaching

- Taught in subjects of B. E. Civil – Mechanics of Solids, Elements of Civil Engineering, Building and Town Planning, Advanced Surveying, Building Construction, Urban Transportation System, Construction Management & Equipment, Professional Practice and Valuation, Project – 1, Project – 2
- Taught in subjects of M. E. Town & Country Planning – Infrastructure & Transportation Planning, Urban Governance & Development Management, Planning for Disaster Management, Geo-Spatial Techniques, Politics & Public Policies Planning, Tourism Planning & Development, Legal Issues in Urban Planning, Planning Studio, Graduate Reports, Seminar, Dissertation Phase – 1, Dissertation Phase – 2
- Taught in Subjects of M. Arch City Design – Land use and Transportation, Project Planning and Appraisal, Development Management & Finance, Urban Infrastructure Services
- Taught in subjects of B. Arch - Estimation costing & specifications, Construction Management
- Supervised ME Dissertation – 03 completed and approved; 06 ongoing

Other Academic Activities:

- Prepared Detailed Project Report for new branch of M. E. Civil (Town & Country Planning) at SCET in prescribed format published by AICTE
- Scheme & Syllabus designed and getting approvals by GTU for new branch of M. E. Civil (Town & Country Planning) for Semester I, II, III & IV

Examination works:

- Examiner, paper setting, paper checking, supervision, external observer, external examiner duties as per orders in record
 - Gujarat Technological University, Gandhinagar
 - Paper scripts – 13
 - External Practical Examiner – 11
 - Observer duty - 07
 - Veer Narmad South Gujarat University, Surat
 - Paper scripts - 20
 - Uka Tarsadia University (Deemed university), Tarsadi-Bardoli
 - Paper scripts – 09
 - External Practical Examiner - 08

Academic tours/ Visits coordinated/ participated:

- **Planning, coordination and participation** to “Vibrant Gujarat 2014: Looking forward to option of smart cities” on 17th October, 2014 at Mahatma Mandir, Gandhinagar with M. E. (TCP) and M. E. Env. Engg. Students and other faculties
- **Planned, coordinated and conducted** academic visit to Mono rail (Mumbai), Planning and development of Navi Mumbai (CIDCO and sites), Lavasa - a hill town, Amanora and Magarpatta – integrated townships and Core heritage monuments and precincts of Pune city (9th to 15th April, 2014) for M. E. (TCP) I & II students and other faculty
- **Visited** IIT Delhi with a PG Student – Mr. Kamlesh Chandpa for discussions under his dissertation as the research work was found to be unique and original (March 2014).
- **Conducted, coordinated and participated** technical **exposure visit** to Ukai Dam with students of M. E. (TCP) (27th February, 2014)
- **Conducted, participated** technical **Project tour to Ambaji, Mt. Abu** with students of B. E. II Civil (11th – 15th February, 2013) and other faculties
- **Planned, conducted, coordinated and participated** technical **exposure visit** to Adalaj Vav, Sabarmati Riverfront, Gandhi Ashram, BRTS Project – Ahmedabad, Kankaria Lake front with students of M. E. (TCP) I & II on 16th & 18th October, 2013 along with Prof. Sejal S. Bhagat
- **Conducted, coordinated and participated** technical **exposure visit** to Bangalore Metro Rail Project, Bangalore with students of M. E. (TCP) I and Mysore town visit during 22-23 September 2013 along with other faculty.
- **Conducted, coordinated and participated** technical **exposure visit** to GERI (Laboratory division and hydrological models) with students of B. E. III Civil (16th – 17th April, 2013)
- **Conducted, coordinated and participated** technical **Project tour to Ambaji, Mt. Abu** with students of B. E. II Civil (March, 2013) and other faculties
- **Conducted, coordinated and participated** technical **exposure visit** to GOA with students of B. E. IV Civil (26th March to 2nd April, 2013)
- **Organized & Coordinated** M. E. (TCP) – I, Sem. II students **visit** for visualization of planned development - Gandhinagar City and GIFT of GoG on Sunday, 10th February, 2013.

- Participated in **Academic visit** to Suspension cable stayed bridge on river Tapi with students of B. E. III Civil
- **Conducted, coordinated and participated** technical **Project tour to Ambaji, Mt. Abu** with students of B. E. II Civil (March, 2012) and other faculties
- **Conducted a site visit** for students of M. E. (Town & Country Planning) to Sewage Treatment Plant at Aanjana, Surat (20th October, 2012)
- **Conducted a site visit** for students of M. Arch to Sewage Treatment Plant at Aanjana, Water Treatment Plant, Jahangirpura, Surat

Other departmental activities:

- **Time table coordinator** for Civil Engineering Department since *Odd Semester 2012* (B. E. Civil, M. E. Civil, (M. E. Env. Engg. Assistance)) till *Odd Semester 2014*.
- Preparation of **Orientation Manual for CED** for B. E. I Civil students (Summer 2014)
- **Prepared presentation** for the meeting of **Advisory Committee** appointed for Civil Engineering Department, January 2014
- Preparation of **Action Taken Report** for CED, SCET on the requisites of Shri Kashyap Mehta, SES, December 2013
- Preparation of Orientation Booklet for UDP/IDP of B. E. IV Civil (Ver. 1 in May 2012; Ver. 2 in April 2013)
- Preparation of **Orientation Manual for CED** for B. E. I Civil students (Summer 2013)
- Conducted branch election for M. E. (TCP) during August 2013
- Kshitij 2013: Appointed as **Faculty Judge** for “Abhivyakti” Technical paper presentation event at CED
- Preparation of **Orientation Manual for CED** for B. E. I Civil students (Summer 2012)
- Khshitij-2012 : Worked as **Departmental Coordinator Faculty** for “Abhivyakti” – Technical Paper Presentation Event at CED
- Khshitij-2012 : Worked as **Faculty Judge** for “Aavishkar” – Model Making Event at CED
- Preparation & update of Department Website Content (Dec 2012) for scet.ac.in (B. E. Civil & M. E. Civil)
- Creation and Moderation of **Department official social media presence** (www.facebook.com/CEDSCET) since June 2012 till date.
- Guiding students for model presentation, paper presentation etc. for participating in tech-festival of various institutions
- Paper sharing page: <http://gtu-in.academia.edu/bhaskerbhatt>

Institute/ Departmental Appointments:

- Appointed as **GIC Club Convener** at SCET Institute level (GTU initiative through Innovation Council) in July 2014
- Appointed as **Department Level GTU-Coordinator** for M. E. TCP (ME Branch 048 of GTU) at the institute level (March 2014)
- **Department Training & Placement Coordinator** (since Even Semester 2013)
- **Department B. E. Final Year UDP/IDP Coordinator** (since Odd Semester 2012)
- Appointed as Department Academic Tour **Committee Chairman**, Database **committee chairman**, Expert lecture **committee chairman**.

Testing/ Consultancy Services:

- Election of Loksabha 2014 – Duty of **Presiding Officer** at polling booth (3 training attended)
- **SUDA Revised Development Plan 2014** – Committee Expert member representative of SCET and working on Population projection for Surat Urban area (September 2013 to May 2014)
 - Appointed as expert in Sub-committee 02: Demographic studies
 - Appointed as expert in Sub-committee 08: Trade, Industries and Commerce studies
 - Lead taken for presentation in a consultative workshop organized at SGCCI on 2nd December, 2013 for the targeted discussion on Industry, Trade and Commerce
 - Lead/ support for various sub-committee meetings held under RDP 2035 at SGCCI, SUDA
- Exam supervision – Gujarat High Court Class II Dy. Section Officer Elimination test on 15th September, 2013 as **Dy. Superintendent**
- Exam supervision – Gujarat High Court Class IV Peon Elimination test on 01st September, 2013 as **Invigilator**
- Projects under SRDC at Faculty of Architecture, SCET
 - SES Boys Hostel Building (May 2014 onward – Building estimation, tendering only)
 - Saputara master plan development
 - Chowk Redevelopment
 - Suvali Beach Development
- Exam – ISBP – Banking personnel exam Dec 2012 (2) (Entrance Test) as **C. S. O.**
- Exam – ISBP – Banking personnel exam Dec 2012 (1) (Entrance Test) as **C. S. O.**
- Exam - Teachers Eligibility Test conducted by M S University (Entrance Test) as **Dy. Superintendent**

FROM: February 2009 **TO:** September 2011

ORGANIZATION: M/s. TRIGO CONSULTANTS, Surat (Managing Partner)

POSITION HELD: Consulting Town Planner & Civil Engineer

- **Computerized Preparation/ Reproduction of conventional drainage networks map of Banaskantha District**
 - Client: WAPCOS (I) Limited, Gandhinagar
 - Consultancy Value: 0.65 Lacs
 - Status: Completed
- **Preparation detailed project report (designing, drawing, estimating) for foot-over bridge across drain in Kosad EWS housing complex of SMC**
 - Client – Surat Municipal Corporation, Surat
 - Consultancy Value: 0.90 Lacs
 - Status: Completed
- **Preparation of Tender Document for various materials supply and procurement Aquarium at Jagdishchandra Bose Udyan, Adajan**
 - Client – Surat Municipal Corporation, Surat
 - Consultancy Value: 0.40 Lacs
 - Status: Completed
- **Preparation of Detailed Project Report for calculation of water requirement of crops based on reappraisal of CCA and actual cropping pattern in last ten years (works of 5 Divisions covering crop analysis and water requirement of Ukai-Kakrapar System and Kelia System)**
 - Client – NWRWS&K Department, Government of Gujarat
 - Consultancy Value: 6.89 Lacs (consolidated)

Status: Completed

- **Preparation of Tender Document for fixation of annual rates of contractor under iNDEXTc for conducting/ management of exhibitions at various places in Gujarat**
Client – WAPCOS Limited, Gandhinagar
Consultancy Value: 0.99 Lacs
Status: Completed
- **Consultancy Services for “Preparation of Comprehensive Emergency Preparedness Plan for Kakrapar Weir – 2010” Surat Irrigation Circle, Surat**
Client: Surat Canal Division, Surat
Consultancy Value: 0.35 Lacs
Status: Completed
- **Computerized Preparation/ Reproduction of conventional Structural Drawings for Surat Canal Division of Surat Irrigation Circle, Surat**
Client: Surat Canal Division, Surat
Consultancy Value: 2.95 Lacs
Status: Completed (May 2011)
- **Consultancy services for ‘Preparation of “Action Taken Report” for activities/measures taken/ performed by Surat Irrigation Circle and its division in recommendations drawn by the Inquiry Commission appointed by the Gujarat State for the Surat Flood Disaster 2006.’**
Client: Tapi Embankment Division, Surat
Consultancy Value: 0.3 Lacs
Status: Completed (February 2011)
- **Consultancy services for “Designing various type of Infrastructure components for the lakes under development at various locations in Surat City”**
Client: Urban Initiatives, Surat
Consultancy Value: 0.8 Lacs
Status: Completed (January 2011)
- **Preparation of computerized Line diagrams of conventional irrigation network system within KRBC Division and Surat Canal Division of Surat Irrigation Circle, Surat**
Client: Kakrapar Right Bank Canal Division, Surat; and Surat Canal Division, Surat
Consultancy Value: 1.0 Lac
Completed – December 2009
- **Revenue Modeling of Saputara Destination Development Master Plan**
Client: SCET Research & Design Cell, Surat
“Development Plan of Saputara – A Destination Hill Station” is being prepared wherein the existing structure of revenue generation was examined with tourist flow and estimation for tourists in future visiting Saputara for leisure purpose. A revenue Model was prepared as a part of Development Plan Document
Status: Completed
- **Infrastructure Designing at Suvali Beach, Surat**
Client – SCET Research & Design Cell, Surat
Assignment on “Development of Suvali Beach” involves design of basic infrastructure facilities such as water supply, sewerage collection and conveyance, storm water management, plumbing and sanitation of various buildings etc.
Status: Completed

- **Consultancy services for “Survey, Hydraulic design, preparation of estimates for sewer drainage network on internal roads of Kosad EWS Housing Packages H2 to H-5”**
Client – North Zone, SMC, Surat
Consultancy Value: 1.5 Lacs
Completed – August 2009
- **Consultancy services Planning, Designing, supervision and monitoring for Storm Water Drainage System and paver block flooring in Aashiana Complex, Adajan, Surat**
Client: Aashiana Complex Co. Op. Housing Society, Surat
Consultancy Value: 0.5 Lacs
Completed – July 2009

FROM: April 2009 TO: JULY 2009

ORGANIZATION: The Maharaja Sayajirao University (Faculty of Geology), Vadodara

POSITION HELD: Visiting Professor

- **Visiting Lecturer for Post Graduate Diploma in Disaster Management**
Two Subjects: Course 1502=Disaster Rehabilitation - Reconstruction & Recovery
Course 1503=Disaster Management
Topics under coverage – Role of housing & building authorities in assessment of damages (Tangible & Intangible), Role of various agencies in recovery measures, Role of urban local bodies, Significance of monitoring and evaluation, guiding principles of monitoring and evaluation and the evaluation criteria; Building bye laws; Standard code of practices for disaster rehabilitation work related to earthquake, flood & cyclone, landslide, chemical hazards, fire etc.; Structural and non-structural guidelines for construction of buildings in hazard prone regions

FROM: July 2008 TO: June 2012

ORGANIZATION: Sarvajanic College of Engineering and Technology (SCET), Surat, Gujarat

POSITION HELD: Visiting Faculty (Faculty of Architecture)

- **Visiting Lecturer in Faculty of Architecture**
Teaching of subjects – *Construction Management and Building Economics* – B. Arch (IV) and *Estimation and Costing* – B. Arch (III). Assessed examination papers of relevant subjects in the V. N. South Gujarat University
- **Visiting Lecturer in Faculty of M. Arch (City Planning)**
Teaching of subjects – *Development Management and Finance, Project Planning and Appraisal, Land Use* – M. Arch (II) and *Urban Infrastructure* – M. Arch (I)

FROM: August 2009 TO: July 2011

ORGANIZATION: WAPCOS (I) Limited

POSITION HELD: Associated Consultant Town Planner

- **Preparation of Detailed Project Report for Solid Waste Management in Daman Municipal Council Area, Daman (U.T.)**
Client – DMC, Moti Daman
- **Improvement of water quality of Mindhola River Systems within Surat city**
Client – SMC, Surat
Consultancy Value – INR 250.00 Lacs
- **Amusement Park at Jamnagar – Architectural Assignment**

Client – JMC, Jamnagar
Consultancy Value – INR 3.50 Lacs
Status – Completed

FROM: April 2009 **TO:** June 2009
ORGANIZATION: United Nations Development Programme – India (UNDP)
POSITION HELD: Project Officer (UEVRP)

- **Urban Earthquake Vulnerability Reduction Programme in Vadodara**
Vadodara being in Seismic Zone – III, has been declared as an Earthquake prone and vulnerable city in Gujarat State. UNDP, MHA-GoI and GSDMA-GoG through Vadodara Mahanagar Seva Sadan were conducting a program of *Urban Earthquake Vulnerability Reduction Programme (UEVRP)* since 2003. City Disaster Management Plan (CDMP) for Vadodara city Compiled and Submitted to GSDMA.

FROM: September 2007 **TO:** April 2009
ORGANIZATION: WAPCOS Limited, Gandhinagar, Gujarat (Posting in Surat)
POSITION HELD: Associated Town Planner

- **Prefeasibility Study Assignment of Patan River Front Project on Saraswati River**
Client: Patan Municipality
Consultancy Value – 8.0 Lacs + Service Tax
Completed – March 2009
- **Preparation of State Project Report (SPR) and Strengthening of DPRs for Integrated Coastal Zone Management Project in Gujarat State under funding from The World Bank**
Client: Gujarat Ecological Commission – GEC
Project Designation: *Town Planner*
Consultancy Value – 15.0 Lacs + Service Tax
Completed – April 2009
- **City Development Plan for 4 cities of Gujarat State – Palanpur, Siddhpur, Deesa and Keshod under UIDSSMT of GoI**
Client: Gujarat Urban Development Mission
Project Designation: *Project In-charge and Town Planner*
Consultancy Value – 34.0 Lacs + Service Tax
Status: Completed – Jun 2008
- **City Assessment and Development Strategy (CADS) Project under funding under The World Bank**
Client: Gujarat Urban Development Company Ltd. [Completed – July 2008]
Project Designation: *Town Planner*
Consultancy Value – 68.0 Lacs + Service Tax
Completed – July 2008
- **Business Development Activities**
Prepared and submitted (as a tendering team member) a total of 285 Bids/EoI for various consultancy assignments for WAPCOS Limited.

FROM: January 2007 **TO:** June 2007
ORGANIZATION: V-CREATE, Surat, Gujarat

POSITION HELD: Junior Town Planner (Part-time)

- **Integrated Housing and Slum Development Program (IHSDP) under JnNURM of India**
Client: Gujarat Urban Development Mission for Dharampur, Bardoli and Dhrol
Project Designation: *Town Planner Engineer*
Consultancy Value – 6.0 Lacs + Service Tax
- **Integrated Road Development Program (IRDP) on major corridors of Surat**
Client: Surat Municipal Corporation
Project Designation: *Town Planner Engineer*

FROM: July 2004 **TO:** March 2005

ORGANIZATION: Vidyabharti Trust Polytechnic, UmraKh, Bardoli, Gujarat

POSITION HELD: Lecturer in Civil Engineering Department (Part-time Visiting Faculty)

Taught 1st year students of general stream (Mechanical and Electrical for basic civil engineering subjects and engineering mechanics) and 2nd and 3rd year students of core civil engineering subjects of construction project management, material technology, civil engineering drawing, soil engineering, Hydrology and Hydraulics, surveying, quantity surveying.

- Conducted and participated Tacheometry project tour at Ambaji

9. Academic Projects:

- **B. E. Projects Guide (Ongoing 2014-15):**
 - Road traffic crash Fatality Impact Indexing for various areas of Surat city
- **M. E. Town & Country Planning Thesis Guide (Ongoing 2014-15):**
 - QOL and LOS assessment of relocated slum citizens: Surat case
 - Remedial measures for Traffic congestion on an arterial road in CBD: Surat Rajmarg
 - Parking and land-use intervention at road intersections in T. P. Schemes of Surat
 - NMT approach for Planning and re-designing of major intersections of Varachha road in Surat
 - A proposal on policy framework for logistics parks in Gujarat
 - Evolution of PPP mechanism for social infrastructure: Focusing health sector based proposal
- **M. E. Town & Country Planning Thesis Guide:**
 - An approach for population projection of an urban area: a case study of Surat city (Approved Jun 2014)
 - Urban Road Accident Fatality Impact Index- Modeling through a case of Surat city (Approved Jun 2014)
 - Analysis of residential location choice behavior: Study on North zone of Surat city (Approved Jun 2014)
- **B. E. Projects Guide:**
 - Land use planning for neighborhood (Approved Jun 2014)
 - Critical review of parking component in town planning scheme - a case study of Surat (Approved Jun 2014)
 - Analysis on parking space optimization at Surat railway station (Approved Jun 2013)

- Critical review of parking component in town planning scheme - a case study of Surat (Approved Jun 2013)
- **Masters Dissertation:**
 - (PG Thesis) “*Evolution of Technique for Road Safety Audit of Urban Roads: A Case Study of Surat*” {Guide: Dr. N. C. Shah, Prof. K. A Chauhan} earned 10 CGPA in final semester and secured First Position in the University; August 2007
- **Bachelors Level:**
 - (Applied Mechanics Project) “*Comparison of Conventional R.C.C. column with High Volume Fly Ash Concrete Column*” {Guide: Dr. B. B. Mistry}; June 2004
- **Bachelors Level:**
 - (Civil Engineering Project) “*Development of Automated Program for the Flood Prediction and Control on Basis of Tapi River Flood 1968*” {Guide: Shri B. J. Batliwala}; June 2004
- **Diploma Level (Major):**
 - “*Design of Other District Road*” {Guide: Shri D. M. Patel}; December 2001
- **Diploma Level (Minor):**
 - “*Ground Water Quality of Bardoli Taluka*” {Guide: Shri B. V. Modi}; December 2001

10. Additional Information:

Merit Medals

- **Merit Gold Medal** – SVNIT for securing Rank 1 in university during Masters of Engineering (TRP)
- **Merit Gold Medal** – Institute of Engineers (Surat Chapter) for securing *Outstanding Performance* in final year of B.E. (Civil)
- **Merit Silver Medal** – Institute of Architects and Engineers (ICEA), Surat for securing Rank 2 during B. E. (Civil)
- **Merit Silver Medal** – SVNITAA for securing Rank 2 in University during B. E. (Civil)
- **Merit Gold Medal** – V.B.T. Polytechnic for securing Rank 5 in TEB, Gujarat State and Rank 1 in institute for Diploma (DCE)

Extracurricular Activities (During Studies)

- *Representative Member* of Training and Placement Cell for Civil Engineering Department during B. E.
- *Executive Member* in Annual Cultural Event – *Sparsh* during B. E. (Civil)
- *General Secretary* of Students’ Council during Diploma

Computer Skills

- Working knowledge of CS-Pro, IBM SPSS and SPSS-AMOS (data analysis tools)
- Well verse with usage of “Autodesk Auto CAD” for preparation of building layouts, architectural drawings, working drawings and details
- Conversant of using “MIKE Flood” for Flood modeling and vulnerability mapping
- Conversant of using “HEC-HMS” for river basin modeling/ hydrological modeling
- Acquainted with apply hydraulic design of storm water drainage system using “MOUSE”
- Able to create 3D models for buildings and neighbors using “Google Sketch Up” tool

- Expertise on “Microsoft Office” Package (Word, Excel, Power point and Publisher) for documentation, analysis and presentations and troubleshooting as well
- Working knowledge of “Primavera Project Planner” for project planning and management for time-material-man power and monetary control on a project
- Capable to troubleshoot major of computer hardware related issues

11. Reference:

Available upon Request

12. Contact Information

Address:

54, Nandanvan Society, Bh. Sarela Shopping Complex, Ram Chowk, Ghod Dod Road, Surat – 395001

Phone: 0261-2240146 **Cell:** +9198258-35364 **e-mail:** bhasker.bhatt@scet.ac.in

13. Declaration:

I, **Bhasker Vijaykumar Bhatt**, solemnly declare the all the information mentioned above are correct as per my records and truthful.



Sign: _____

Date: 12-10-2014