

CURRICULUM VITAE

Updated 26th January, 2025



Dr. Atul K. Desai

PROFESSOR, SVNIT, SURAT.

Email address: atuldesai61@gmail.com

akd@amd.svnit.ac.in

contact number: +91-261-2201846

+91-9327433390

Contact Addresses:

“Tatsat”, Bungalow No. 2, Gate No. 1, Hari Om Bungalows,
Opp. Shott, B/H Saibaba Temple,
Surat Dumas Road, Surat - 395009.Gujarat.

Educational Qualification

Degree	University/Institute	Year
B. E. (CIVIL)	South Gujarat University (SGU)	1983
M. E. (CIVIL)* <i>specialization Structure</i>	South Gujarat University (SGU)	1985
LL. B. <i>specialization in Income Tax and Sales Tax</i>	South Gujarat University (SGU)	1985
Ph. D. **	SVNIT	2008

* M. Tech. Dissertation: “Turbo Machinery Foundation”.
**Ph. D. Thesis: “Effects Of Pylon Shapes On Dynamic Behavior Of Cable-Stayed Bridges Subjected to seismic loading”.

Research interest

- Bridges subject to Seismic Loading
- Analysis and designing of tall structure, microwave tower, chimney, cooling tower, Steel Structure, Fiber Reinforced soil, Wind Induced Oscillation in Structure, Turbo Machine frame foundation, Pile Raft foundation etc.
- He is also interested in Fiber Reinforced Concrete its Damping and Energy Dissipation, Beam- Column joint, Seismic Time History Analysis (Near Field and Far filed Earthquake)
- The other area of research are Pavement quality concrete (P.Q.C.) with Fiber for Roads, Hybrid Cable Suspension Bridge, Extra Dosed Cable Stayed Bridge, Retrofitting and Rehabilitation of structures.

Research area

Structural Dynamics; Machine Foundations; Bridge Engineering; Earthquake Engineering and Structural Forensic

Specialized Fields

- Structural Dynamics
- Machine Foundations
- Earthquake Engineering
- Geotechnical Engineering
- Structural forensic

Honor, Awards & prizes

- Appreciation certificate given by CM Narendra Modi for safe city CCTV project at Surat.
- Awarded Best Paper Award in International Conference of Vibration Control, Doha, Qatar, 5-6 Feb.,2023.
- Session chair in the 5th International Conference on Building Materials and Construction (ICBMC 2020), Tokyo.
- Session chair at WASET Zurich Switzerland, 30 - 31 July, 2013.
- Session chair at PSRC, Bali Indonesia 30 July - 1 Aug., 2012.
- Session chair at IEEE 2 - 4 November 2010 Cairo Egypt.
- Session chair at the First international conference on advance in bridge engineering at Brunel University, London, UK.
- Hari Ohm Ashram Bhaikaka Gold Medal for getting First position in South Gujarat University, in B.E. Final (Civil). Given by Governor of Gujarat State.
- "Contractor Association Gold Medal" for above achievement. Given by Chief Minister of Gujarat State.
- Best research paper Award by "Hari Ohm Ashram Prerit Bhaikaka Inter University Smarak Trust" year 2006 – 2007.
- "Silver Medal" given by Anavil Trust for above achievement.
- Award given by Principal, SVRCET for getting First Position in B.E. Third Civil.
- Merit Scholarship for study from 1979 - 1983 with First Class Distinction in all semesters of B.E. (Civil) and three semester of M.E. (Structural Engineering)
- Got second Position in Surat Centre in "ARYA BHATT - Science Talent Research Exam".

Foreign Countries Visited

USA, Japan, Canada, United Kingdom, Qatar, Thailand, Singapore, Malaysia, France, Italy, Egypt, Indonesia, Switzerland, South Africa, Spain, Japan, Indonesia, Sri Lanka, Maldives, Zambia, Nepal.

No of Student Guided

PhD completed	30	M.Tech Completed	87
PhD ongoing	5	M.Tech Ongoing	3

Employment details

- Date of Joining College: 5th August, 1983
- Teaching & Professional Experience since 40 Years.
Working at Department of Civil Engineering, S. V. National Institute of Technology, Surat.
- Head of the Department, from Aug'09 to July'11
- Prof. I/C Estate Section, From Oct. 16, 2008 to July 27, 2009.

Innovations/Achievement

- **T. V. Programme Given:** 24 Nos.
- **Special Lectures Delivered:** 87 Nos
- **Articles in Magazine:** 13 Nos
- **Article in Newspapers:** 21 Nos.
- Consultant to many Industries and SMC
- Appointed No. of times by Gujarat High Court for Investigation.
- Organized "Vastu Convention 2002" National Conference by IVVRF', Surat at Holiday Inn Hotel on 1st – 2nd June 2002.
- Organized "AICTE Sponsored Staff Development Programme on Wind Energy', SVNIT Surat on 19th Jan2009.
- Organized one day Programme with anchor institute cell SVNIT along with IIT Bombay on computer masti, SINE IIT Bombay 21/01/2014
- Visited University of Toronto, Canada.
- Visited University of Alberta (Edmonton), Canada.
- Visited University of Saskatchewan (Saskatoon), Canada.
- Visited University of York, Toronto, Canada.
- Reviewer of the "International Journal of Environmental Management" from Elsevier.
- Reviewer of the "International Journal of structural Engineering" Scopus index journal.

Details of Publication

Book	Analysis of Turbo Generator Frame Foundation, Lambert Academic Publication.
International journal	174 (SCI + Scopus Paper = 90+)
International conference	80
National journal	11
National Conference	77
Patent Published	8 + 1 Under Review

Patent published

1) Title of Invention: **Artificial Fiber with Knot for Reinforcement of Concrete**

- Application No: 326012-001
- Date of Publication: 16/01/2020
- Applicants: Mr. Sudhir Gayake, Prof. A. K. Desai.

2) Title of Invention: **Geocell**

- Application No: 340758-001
- Date of Publication: 16/03/2021
- Applicants: Mrs. Bhavita Dave, Prof. C. H. Solanki, Prof. A. K. Desai.

3) Title of Invention: **Blast Force Directing Cone for Building Facade**

- Application No: 342876-001
- Date of Publication: 29/04/2021
- Applicants: Mr. Deepam Patel, Prof. A. K. Desai.

4) Title of Invention: **Blast Force Directing External Disc for Building Facade**

- Application No: 351283-001
- Date of Publication: 14/10/2021
- Applicants: Mr. Deepam Patel, Prof. A. K. Desai.

5) Title of Invention: **External Involutes for Building Facade**

- Application No: 351230-001
- Date of Publication: 30/06/2023
- Applicants: Mr. Deepam Patel, Prof. A. K. Desai, Mr. Sudhir Gayake.

6) Title of Invention: **Fiber for Reinforcement**

- Application No: 367896-001
- Date of Publication: 16/02/2024
- Applicants: Mr. Sudhir Gayake, Prof. A. K. Desai.

7) Title of Invention: **Fiber for Reinforcement**

- Application No: 367897-001
- Date of Publication: 16/02/2024
- Applicants: Mr. Sudhir Gayake, Prof. A. K. Desai.

8) Title of Invention: **Artificial Curved Fiber with End Crimps**

- Application No: 367898-001
- Date of Publication: 10/05/2024
- Applicants: Mr. Sudhir Gayake, Prof. A. K. Desai, Anuja Sanjay Jape.

9) Title of Invention: **Apparatus for Generation of Vibration due to Cyclic Loading** (Patent under review)

- Application No: 201921023373 A
- Date of Publication: 21/06/2019
- Journal Number: 25/2019
- Applicants: Mrs. Pooja Rao, Prof. C. H. Solanki, Prof. A. K. Desai.

Papers in refereed International Journals

1	Desai, A. and Mahajan, M.,(2006) "Study of beam column joint using HPC with polyester-fiber under cyclic loading", New building materials & construction world NBM & CW, ISSN 0973-0591, vol.11, issue-7, pp. 140to 144, January 2006.
2	Desai, A. and Desai, D., (2006) "Blast load analysis of overhead water tank", New building materials & construction world NBM&CW, ISSN 0973-0591, vol.11, issue-11, pp. 190- 195, May 2006.
3	Desai, A., Desai, J. and Patil, H.,(2006) "Seismic analysis of curved cable stayed bridge for western zone of India", International journal of the bridge & structural engineer, ING-IABSE, vol. 36 No.4, pp. 25 to 46, December 2006.
4	Desai, A., Desai, J. and Patil, H., (2007) "Dynamic analysis of innovative long span spread pylon cable stayed bridge", New building materials & construction world NBM & CW, ISSN 0973-0591, vol.13, issue-1, pp. 88to 118, July 2007.
5	Desai, A., (2007) "Earthquake resistant ductile concrete", new building materials & construction world NBM & CW, ISSN 0973-0591, vol.13, issue-13, pp.144 to 159, October 2007.
6	Desai, A., Shah, J. and Patil, H., (2008) "Co-relationship of Seismic(EDR) and (PGA) for cable stayed bridge", New building materials & construction world NBM & CW, ISSN 0973-0591, vol.13, issue-9, pp. 204-221, March 2008.
7	Patel, P., Desai, A., and Desai, J. (2010), "Improvement of shear strength and other properties using innovative triangular shape fiber in concrete", New building materials & construction world NBM & CW, ISSN 0973-0591, vol.16, issue-2, pp. 172-176, August 2010.
8	Patel, P. and Desai, A., (2010) "Assessment of reinforced concrete structural elements exposed to high temperature", International journal of earth sciences & engineering (IJEE), ISSN 0974-5904, vol. 03 no. 03, sp. issue, pp. 346-351, May 2010.
9	Maheshwari, K., Solanki, C. and Desai, A., (2010), "A study on design and cost of flexible pavement in fiber reinforced highly compressible clay", International journal of applied engineering research, ISSN 0973-4562, vol. 05, no. 03, pp. 431-439, 2010.
10	Vashi, J., Desai, A. and Solanki, C., (2011) "Study on cohesive soil and fly ash mixture as reinforced earth wall filling material", New building materials & construction world NBM & CW, ISSN 0973 - 0591, vol. 16, issue 10, pp. 220-224, April 2011.
11	NaiK, N. and Desai, A., ,(2011) "Effectiveness of piled raft foundation for seismic performance o tall buildings", New building materials & construction world NBM & CW, ISSN 0973 - 0591, vol. 17, issue-2, pp. 208-218, August 2011.
12	Dalal, S., Vasanwala, S. and Desai, A., (2011) "Performance based seismic design of structure: A review", International journal of civil and structural engineering (IJCSE), ISSN 0976 - 4399, vol. 1, no.4, pp. 795-803, 2011.
13	Dalal, N., Solanki, C., and Desai, A., ,(2011) "Low pressure cement grouting to improve bearing capacity of old waste dump site for economical foundations of low cost housing ", New building materials & construction world NBM&CW, ISSN 0973 - 0591, vol.17, issue-4, pp.190-200, October 2011.
14	Dalal, N., Solanki C., and Desai, A., (2011) "Plate load tests on municipal solid waste dump site assess ground improvement alternatives", Journal of environmental science and engineering, USA, ISSN 1934-8932, pp. 910-914, July 2011.
15	Vashi, J., Desai, M., Desai, A. and Solanki, C., (2011) "Significance of creep compatibility study for geosynthetics in compacted fill", International journal of earth sciences and engineering, ISSN 0974-5904, vol. 04, no. 06, SPL, pp. 38-41, October 2011.
16	Bajad, M., Modhera, C. and Desai, A., (2011) " Effect of glass on strength of concrete subjected to sulphate attack", International journal of civil engineering research and development (IJCERD), ISSN 2248-9428, vol. 1,no. 2, November 2011.
17	Bajad, M., Modhera, C. and Desai, A., (2011) "Studies on workability of concrete containing waste glass powder as pozzolana", International journal of engineering research and technology, ISSN 0974-3154, vol. 04, no. 4, pp. 435-442, 2011.
18	Bajad, M., Modhera, C. and Desai, A., (2011) "Density of concrete with waste glass powder as cement replacement", International journal of engineering research and industry applications (IJERIA), ISSN 0974-1518, vol. 04, no. 04, pp. 205-214, November 2011.
19	Bajad, M., Modhera, C. and Desai, A., (2011) "Density of concrete with waste glass powder as cement replacement", International journal of engineering research and industry applications (IJERIA), ISSN 0974-1518, vol. 04, no. 04, pp. 205-214, November 2011.
20	Bajad, M., Modhera, C. and Desai, A., (2012) "A State of the Art Report on Benefits of using GlassPowder as a partial Replacement in Concrete", International journal of Engineering Studies, ISSN 0975-6469, vol. 04, No-1, pp. 41-54, 2012.
21	Bajad, M., Modhera, C. and Desai, A. (2012), "Chloride Ion Con-Glass-Crete", International journal of Civil, Structural, Environmental, Infrastructure Engineering Research and development (IJCSEIERD), ISSN 2249-6866, vol. 02, Issue-2, pp. 32-40, June 2012.

22	Bajad, M., Modhera, C. and Desai, A., (2012) "Use of Waste Glass powder as replacement of cement in Concrete-Experimental Study", New Building Materials & Construction world, ISSN 0973-0591, vol. 17, Issue-11, pp. 84-88, May 2012.
23	Bajad, M., Modhera, C. and Desai, A., (2012) "Resistance of concrete containing wasteglass powder against MgSO ₄ Attack", New Building Materials & Construction world, ISSN 0973-0591, vol. 17, Issue-11, pp. 216-227, May 2012.
24	Bajad, M., Modhera, C. and Desai, A., (2012) "An overview on effects of chloride and sulphate attack on the properties of conglasscrete", Global journal of Engg. & Applied Sciences, ISSN 2249-2631, vol. 2, Issue-2, pp. 168-172, 2012
25	Bajad, M., Modhera, C. and Desai, A., (2012) "Investigations in Analysis of Conglasscrete", International journal of Civil engineering and applications), ISSN 2249-426X, vol. 02, no. 02, pp. 83- 92, 2012.
26	Bajad, M., Modhera, C. and Desai, A., (2012) "Higher Strength concrete using glass powder", Journal of structural engineering, ISSN 0970-0137, vol. 39, Issue-3, pp. 380-383, Aug-Sep 2012.
27	Shukla, S., Desai, A. and Solanki, C., (2011) "Behavioral study of piled raft foundation in alluvial deposits of south Gujarat region", International journal of advanced engineering technology (IJAET), ISSN0976-3945, 2011.
28	Maheshwari, K. and Desai, A. and Solanki, C., (2011) "Performance of fiber reinforced clayey soil", International journal of geotechnical engineering (IJGE), vol. 16, June 2011.
29	Shukla, S., Desai, A. and Solanki, C., (2011) "Behavioral study of piled raft foundation in layered soil deposits", International journal of advanced engineering technology (IJAET), ISSN 0976-3945, August 2011.
30	Vashi, J., Desai, A. and Solanki, C., (2011) "Mixture of soil & flyash as RE wall backfill", Australian geo-mechanics journals, ISSN 0818-9110, vol. 46, no.4, pp. 103-106, 2011.
31	Vashi, J., Desai, A. and Solanki, C., (2011) "Review on factors considered & rarely considered in design of earth retaining structures", world applied science journal (WASJ), ISSN 1818-4952, vol. 14, no.1, pp. 114-120, 2011.
32	Vashi, J., Desai, A. and Solanki, C., (2011) "Creep Compatibility Study for Geo-synthetics in Compacted Fill", International journal of advanced engineering technology (IJAET), ISSN 0976- 7916, vol. II, issue IV, 2011.
33	Gohil, D., Desai, A. and Solanki, C. (2012), "Numerical model for earthquake wave energy flow and distribution", Global journal of engineering & applied sciences (GJEAS), ISSN 2249-2623, vol.2, issue-1, 2012.
34	Vashi, J., Desai, A. and Solanki, C., (2012) "Assessment of reinforced embankment on soft soil with PET and PP geotextile", International journal of civil and structural engineering, ISSN 0976-4399, vol. II, no.03,pp. 819-828, 2012.
35	Tandel, Y., Solanki, C., Desai, A., (2012)"Numerical modeling of encapsulated stone column-reinforced ground", International journal of civil, structural, environment and infrastructure engineering research and development (IJCSEIERD), ISSN 2249-6866, vol. II, issue 1, pp. 82- 96, March 2012
36	Tandel, Y., Solanki, C., Desai, A., (2012) "Reinforced granular column for deep soil stabilization" A review", International journal of civil and structural engineering, ISSN 0976-4399, vol. II, no. 03, pp. 711-721, 2012.
37	Tandel, Y., Solanki, C., Desai, A., (2012) "Reinforced stone column: Remedial of ordinary stone column", International journal of advances in engineering and technology (IJAET), ISSN 2231- 1963, vol. 3, issue 2, pp.340-348, May 2012.
38	Bajad, M., Modhera C., Desai, A., (2012) "Chloride Ion in CON-GLASS- CRETE", International journal of civil structural environment and infrastructure engineering research and development (IJCSEIERD), ISSN2249-6866, vol. 2, issue 2, pp. 32-40, July- June 2012.
39	Ardehana, A., Desai, A., (2012) "Durability of fiber reinforced concrete of marine structures", International journal of engineering research and application (IJERA), ISSN 2248-9622, vol. 2, issue 4, pp. 215-219, July-August2012.
40	Bajad, M., Modhera, C. and Desai, A.,(2011)"Influence of a fine glass-powder on strength of concrete subjected to chloride attack", International journal of civil engineering and Technology (IJCIET)",ISSN0976-6308(Print),ISSN0976-6316 (Online)vol.2,Issue2, pp.01-12 May-July2011
41	Dalal, N., Solanki, C. and Desai, A. (2011), "Cement Grouting: An alternative ground improvement technique for municipal waste dump site", World of applied Science journal. ISSN: 1818 – 4952.
42	Dalal, N., Solanki, C. and Desai, A. (2010), "Plate load tests on municipal soil waste dump site to assess ground improvement alternatives", Journal of Environmental Science and Engineering, 5(2011) 381-387.
43	Gohil D, Solanki C, Desai A (2011), "Evaluation of the interactive forces and the moment for the soil-geo-synthetic foundation-building system under earthquake loading", EJGE, Vol, Bund C.
44	Maheshwari K., Desai A, Solanki C, (2013) "Bearing Capacity of fiber reinforced soil" International journal of civil engineering and technology(IJCIET), ISSN -0976-06308(print) ISSN-0976-06316 online, vol-4 issue-1,pp159-164, jan-feb 2013.
45	Patel O , Desai A (2012) "Influence of different types of fibers on strength properties of normal concrete" International journal of engineering research and industrial applications(IJERIA), ISSN- 0974-1518 vol. -5, No. - IV – PP97-107, November 2012.
46	Dala N, Solanki C, Desai A (2011) " Cement grouting an alternative ground improvement technique for municipal waste dump site" World applied science journal , ISSN 1818-4952, journal 12(8), PP1240-1244, 2011
47	Dalal S, S. A. vasanwala, A. K. Desai(2012) "Comparison of elastic design and performance based plastic design method based on the inelastic analysis using SAP 2000" IJ of computer applications, ISSN-0975-8887, vol. 45, No -09, May 2012.

48	M. N. Bajad, Dr. C.D. Modhera, Dr. A. K. Desai, (2013) " Review on corrosion inhibitors in concrete" IVBM-CW, ISSN 0973-0591, Vol -18 issue -10, April 2013.
49	Dalal S.P., S. A. Vasanwala, A. K. Desai(2012) " Applying performance based plastic design method to steel moment resisting frame in accordance with the Indian standard code"; ITET, ISSN 2049- 3444. Volume -2, No -3, Mar 2012.
50	Dalal S.P., S. A. Vasanwala, A. K. Desai(2012) " Comparative evaluation of elastic design and performance based plastic design method for a steel moment resisting frame "; IJCSEIERD, ISSN 2249-6866, vol. -2, issue - 3, Sept -2012.
51	P. A. Patel, J.A. Desai, A.K. Desai, (2012) "Evaluation of RC and SFRC exterior beam- column joint under cyclic loading for reduction in lateral reinforcement of the joint design, Magazine of concrete research,Vol-65, issue-7, December 2012.
52	Deepam Patel, Atul K. Desai, (2013) " Comparative study of concrete filled steel tube structure with traditional reinforced concrete and steel structure" International journal of civil engineering and application vol. - 3 no 2 ,2013
53	Jigisha M. Vashi, Atul K. Desai, Chandresh H. Solanki (2013)"Analysis of Geotextile Reinforced Embankment on Difficult Subsoil Condition" International Journal of Scientific & Engineering Research Volume 4, Issue May-2013ISSN 2229-5518
54	Jigar K. Sevalia, Atul K. Desai and S. A. Vasanwala (2013) "Effect of Temperature on Wind Forces on Tall Building using Numerical Approach - Computational Fluid Dynamics (CFD)" International Journal of Current Engineering and Technology ISSN 2277 - 4106, Aug 2013.
55	Jigisha M. Vashi, Atul K. Desai, Chandresh H. Solanki (2011) "Mixture of soil and fly ash reinforced earth wall back. fill" Australian geomechanics vol 46 no 4, December 2011.
56	Jigisha M. Vashi , Atul K. Desai, Chandresh H. Solanki (2012) "Assessment of reinforced embankment on soft soil with PET and PP Geotextile" International Journal Of Civil And Structural Engineering, Volume 2, No 3, 2012.
57	Jigisha M. Vashi, Atul K. Desai, Chandresh H. Solanki (2013)"Evaluation of PET and PP geotextile reinforced embankment on soft soil" Elsevier(2013) 19 - 24
58	M. N. Bajad, Dr. C. D. Modhera, Dr. A. K. Desai, (2011) " Influence of a fine glass powder on strength of concrete subjected to chloride attack" International journal of civil engineering and technology (ISJCIET) may-July 2011. ISSN 0976-6316 vol 2.
59	Dr. Atul K. desai , Smit A desai(2011) " Seismic time history analysis of cable stayed bridge considering different geometrical configuration of near field earthquaK.es" NUICONE-2011
60	Uma Chaduvula, Dr. A. K. Desai, C. H. Solanki (2013) "Effect of polypropylene fibre reinforcement on soil subjected to freeze thaw resistance" International journal of civil engineering and Applications(IJCEA) vol -3 number 5 2013
61	Jigisha M. Vashi, Atul K. Desai and Chandresh H. Solanki (2013)"Behavior of geotextile reinforced flyash + clay-mix by laboratory evaluation" Geomechanics and Engineering, Vol. 5, No. 4 (2013) 331-342
62	Gohil D.P., Dr. C.H. Solanki, Dr. A.K. Desai (2013) "Performance of Shallow Foundation for Building Constructed on Geogrid Improved Ground Subjected to Earthquake Forces" International Journal of Emerging Technology and Advanced Engineering(ISSN 2250-2459, Volume 3, Issue 10, October2013)
63	Jayesh a dalal dr. atul K. desai(2014) " Innovative exterior lattice shell tube buildings subjected to wind and seismic loading" New building materials and construction world January 2014 ISSN 0973-059
64	Shukla, S., Desai, A. and Solanki, C., (2014) "A dynamic Behavioral study of structure with piled raft foundation by time history finite element model", International journal of advanced engineering technology (IJAET), vol-3 issue 3 ISSN 2319-8354, 2014.
65	Yogendra K. Tandel, chandresh H Solanki, atul K. desai (2014) "field behavior geotextile reinforced sand column" Geomechanics and engineering vol 6 no 2 2014(195-211) ISSN2005-307X.
66	Yogendra K. Tandel, chandresh H Solanki, atul K. desai: (2013) "3D fe analysis of an embankment construction on GRSC and proposal of a design method". Hindwai publishing corporation ISRN civil engineering vol2013.
67	Hemal J shah , Dr. Atul K. desai (2013) " Seismic analysis of tv tower considering different bracing systems" international journal of buisness application and enterprices ISSN online 2279-00396 print 2279-0020
68	Jigar K. Sevalia, Atul K. Desai and S. A. Vasanwala (2014) "Study on Effect of Set Back. Corner of Plan Shape of Tall Building on Wind Force Coefficient using CFD" in International Journal of Dynamics of Fluids, Volume 10, Number 1 (2014), pp. 1-10.
69	Jigar K. Sevalia, Atul K. Desai and S. A. Vasanwala(2014) "Effect of Aerodynamic Modification of Plan Shape of Tall Building on Wind Force Coefficient using CFD" in International Journal of Applied Engineering Research in Volume 9, Number 4 (2014) pp. 495-513
70	Jigar K. Sevalia, Atul K. Desai and S. A. Vasanwala(2014) " A Wind Tunnel Experiment for Evaluation of Wind Pressure on Surfaces of Bluff Body" in International Journal of Applied Engineering Research in Volume 7, Number 3 (2012) pp. 293-301.
71	Jigar K. Sevalia, Atul K. Desai and S. A. Vasanwala(2014) "Effect of Geometric Plan Configuration of Tall Building on Wind Force Coefficient using CFD" International Journal of Advanced Engineering Research and Studies, Volume I, Issue II, March 2012, Pgs. 127-130.
72	Jigar K. Sevalia, Atul K. Desai and S. A. Vasanwala (2014) " Numerical Evaluation of Wind Pressure on Surfaces of Bluff Body" in International Journal of Engineering Research and Application (IJERA) in Vol. 2, Issue 1,Jan-Feb 2012, pp.740-

	746.
73	Minakshi Vaghani, Dr. S.A. Vasanwala, Dr. A.K. Desai(2014) "Stainless-steel As A Structural Material: State Of Review" International Journal of Engineering Research and Applications ISSN : 2248-9622, Vol. 4, Issue 3(Version 1), March 2014, pp.657-662
74	Minakshi Vaghani, Dr. S.A. Vasanwala, Dr. A.K. Desai (2014) "Advanced Retrofitting Techniques for RC Building: A State of an Art Review" International Journal of Current Engineering and Technology-ISSN 2277 - 4106, P-ISSN 2347 - 5161.
75	Maheshwari, K. and Desai, A. and Solanki, C (2013) "effect of polyster fibers on strength properties of clayey soil of high plasticity" International journal of scientific engineering and research, volume 4 issue 6 June 2013.
76	P. A. Patel, J. A. Desai, A.K. Desai (2011) "Evaluation of engineering properties for polypropylene fibre reinforced concrete" International journal of advanced engineering technology 2011 vol 2 issue 3
77	P. A. Patel, J. A. Desai, A.K. Desai(2012) "A comparative study on mechanical properties of fiber based concrete using synthetic based fibers" International journal of applied engineering research (IJAER) 2012 vol 4 issue 4
78	P. A. Patel, J. A. Desai, A.K. Desai(2012) " An investigation on properties of various fibre reinforced concretes" international journal on advanced engineering research and studies(IJAERS) 2012 vol.4issue4
79	P. A. Patel, J. A. Desai, A.K. Desai (2012) "Upgradation of non-ductile--reinforced concrete beam column connections using fibre" international journal of civil engineering and technology (IJCIET) 2012 vol.3 issue2.
80	P. A. Patel, J.A. Desai, A.K. Desai (2012) "Influence of different type of fibres on strength properties of normal concrete" international journal of engineering research and industrial applications (IJERIA) 2012 vol.5 no.4.
81	P. A. Patel, J. A. Desai, A.K. Desai (2014) " evaluation of RC and SFRC exterior beam column joint under cyclic loading for reduction in lateral reinforcement of joint region" magazine of concrete research vol.65 thomas telford.
82	Dipali P. Doshi, Atul K. Desai, Chandresh H. Solanki (2014) " Innovative Techniques of micro piles for Wtion" International Journal of Engineering Research and Development e- ISSN: 2278-067X, p-ISSN: 2278-800X, Volume 9, Issue 9 (January 2014), PP. 01-03.
83	Minakshi vagahni, Atul K. desai (2014) " Damage pattern of RC beam Column Connections Subjected to Cyclic Loading" new building materials and construction world vol.20 issue 2 august -2014 ISSN0973-0591
84	Atul K. Desai, (2014) "Investigation into cable structure interaction for extradosed bridges" International Journal of Engineering research and technology vol 3 issue 4 July august 2013 ISSN 2248-9622
85	Atul K. Desai, Jigar K. Sevalia, Sandip A. Vasanwala (2014), "Wind Interference Effect on Tall Building", in International Journal of Civil, Architectural, Structural and Construction Engineering Vol:8 No:6, Pgs. 649-655.
86	Jigar K. Sevalia, Atul K. Desai and S. A. Vasanwala (2013) "Effect of Temperature on Wind Forces on Tall Building using Numerical Approach -Computational Fluid Dynamics (CFD)" in International Journal of Current Engineering and Technology, Impressco, Haryana
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69	Chavda Jitesh, Solanki. C. H., Desai. A. K. "physical and numerical study on behavior of pile wall retention system for deep excavations"
70	Lamba .K. Desai. A. K., Kumar .S "Dynamic response of Turbo Machine Frame Foundations on soil modeled by Approximate Methods" Dec 18-20 IGC-2014, Kakinada, India.
71	Chavda, J.T., Solanki, C.H., Desai. A. K., "Study on behavior of Diaphragm wall used as Retention system for deep Excavations". Dec 18-20 IGC-2014, Kakinada, India.
72	Pooja Rao, Atul K. Desai "Analysis of Vibrations Induced on Ballast less Track Due to High Speed Trains", Indian Geotechnical Conference, Guwahati, December 2017.
73	Doshi D., Desai A.K., Solanki C.H. "Innovative Techniques of micro piles for embankment foundation" National Seminar On Advance In Geotechnical Engineering (AGE), SVNIT - Surat, 8-9th June 2013.
74	Dalal N. G., Solanki C.H and Desai A. K. (2013). " Numerical Analysis of Improvement of Bearing Capacity of Open Waste Dump Site using Geosynthetics" AGE 2013 at SVNIT, Surat
75	Ammar F. Vanank, Desai, A., (2012), "Structural Parametric Study of Sky-pod Tower", Structural Engineering Convention (SEC-12), SVNIT, Surat, 19-21 December.
76	Dalal S.P., S.A. Vasanwala, A. K. Desai, (2017) "Seismic Evaluation of Steel Moment Resisting Frame" Seismic Performance of Structures CECR Vol. 30 No.1 January 2017.
77	Shukla, S., J., Desai, A. K., Solanki, C, H, "A Detailed Literature Review of Behaviour of Piled Raft Foundations", National Conference on Sustainable Development of Urban Infrastructure,

ATTENDED CONFERENCES / WORKSHOPS / SEMINARS

1	ISTE summer school, "CAD in structural engineering" in Surat, dt.17-30 July1993.
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2	Training by Dr. "Good governance" by Dr. Sohne at SVNIT. dt. 9-9-1994.
3	ISTE, Surat, "Industry Institute Partnership", dt. 2-10 March 1995.
4	ISTE, Surat, "Guidance & Cancelling", Surat, dt.11 November 1995.
5	ISTE, Surat, "REC Goals & Objectives", dt.13 February 1995.
6	ISTE Surat, "Induction of engineering college teachers", dt.16 December 1995.
7	SSCEM-96, "Seminar on stress-strain characteristics of Engineering &Geo-materials", Baroda, dt.2-3 Feb. 1996.
8	ISTE Surat, "Institute Planning & Management", dt.17-21 February 1997.
9	Workshop at Surat, "Internet fundamentals & applications", dt.08 February 1997
10	AICTE/ISTES summer school, "TQM in Technical Education", at Surat, dt. 30 June- 04 July 1997
11	IISC Bangalore Deputed by college Workshop, "IntellectualPropertyLaw&Practice", dt.20 July- 01 August 1997
12	ICEA&SVRCET Surat, "Workshop on Man & Environment (Vastushastra)", dt.18April 1998.
13	Surat Municipal Corporation, "Invitation for Participate in 100 Resilient Cities workshop in Surat", dt. 20 Aug. 2014.
14	ISTE SVRCET Surat, "Training programme on Basic Management Skill Development", dt. 28-30 December 1999.
15	SMS & CEPT, "Post Earthquake Handling in Gujarat", Surat
16	VVRF Surat, "Vastu Convention-National Conference", dt.01-02 June2002
17	VVRF Surat, "Vastu Convention-National Conference", dt.01-02 June2002
18	Bhavnagar University Bhavnagar, "Intellectual Property Rights and Patent Act", Nov 2003
19	ICEA Seminar on, "TOR Steel Surat chapter at Holiday Inn, Surat, dt.14 April2003
20	Conference, "On fiber reinforcement concrete Application of fiber as secondary reinforcement in concrete", Mumbai, dt.23-24 August 2004
21	ICEA Surat, "STAAD Pro. Software Application", dt.27 February2005
22	TEQIP Programme, "SAP-2000 & ETABS Software Training", at Hotel Taj, Mumbai, dt.22- 23 April2005
23	INSTRUCT, "Non Destructive Testing", Bangalore, dt.07-08 July2006
24	NCRASE 2006, "Advance in Structural Engineering", Kakinada, dt.11-12 February2006
25	8th International Conference 2006, "Steel space & Composite Structure", Kuala Lumpur, Malaysia, dt.14-18 June2006
26	ERP solution, "The complete construction ERP solution", SVNIT, Surat, dt.06 September 2007.
27	Equate training, "Management Capacity Development Program for future Managers", SVNIT, Surat, dt.08-04 February 2008.
28	EERP Regional Programme, "Regional Conference on Earthquake Risk Reduction in Pre and Post Disaster Situation", India International Center, New Delhi, dt.29-30 July 2009.
29	WSRR-2009, "National workshop on Rehabilitation and Retrofitting of Structures", dt.28 September 2009
30	Workshop on, "Private Sector Partnership in affordable housing", in SMC, dt.09 September 2009
31	Confederation of Indian Industry(CII), "Workshop on Intellectual Property Rights (IPR)", Ahmedabad, dt.10-11 May 2009
32	ICBEE 2010, "2nd International Conference on Chemical, Biological and Environmental engineering", Cairo, Egypt, dt. 02-04 November 2010
33	UK.IERI-IIT Delhi, "International Conference on concrete technology", UK.IERI IIT, Delhi, dt.14-16 March 2011.
34	Gujarat State Disaster Management Authority(GSDMA), "International Conference on Earthquake Engineering", Gandhinagar, dt.08-10 April 2011.
35	Wessex Institute of Technology, Disaster Management and Human Health Risk. II,(DMAN 2011), Orlando, Florida, USA. dt.11-13 May 2011.
36	Surat Municipal Corporation, "World Business Council for Sustainable Development team meets", dt.06 July 2011
37	The Institution of Engineers (Gujarat State Centre), "All India Seminar on Geosynthetics - Innovative and Environmentally Sustainable Solution for Civil Engineering", dt.27-28 December 2011.
38	"Accreditation workshop" at SVNIT. Surat on 20-22 may2014.
39	Workshop on tall structures with CVR Murthy Organized By Centre for Continuing Education Jointly Organized By Science Engineering & Technological Upliftment Foundation & SVNIT. dt. 16- 17 th JUNE2018
40	Workshop on Review of IS: 1893-2016, IS: 13920-2016 & IS: 16700-2017, A Structural Designer's Perspective. Jointly Organized by Centre for Continuing Education; SVNIT & VHPT System, dt. 6th July 2018
41	5th International Conference on Building Materials and Construction (ICBMC 2020), Tokyo, Japan, Feb. 26-29, 2020.
42	International Conference of Vibration Control, Doha, Qatar, Feb. 5-6, 2023.

CONFERENCES & STTP'S ORGANIZED

1. National Conferences

Name	Coordinator	Period	
National Conference Vastu Convention 2002	Prof Atul K. Desai	1/06/2002	2/06/2002
National Seminar on Geotechnical Investigations & Case studies	Prof Atul K. Desai		

(GICS – 10)	Prof. C. H. Solanki		
2. STTP's Organized			
Wind Energy Technology	Prof Atul K. Desai Dr. B. K. Samtani, Dr. A. K. Desai, Dr. J. Banerjee, Prof. S. M. Modhera	19/01/2009	23/01/2009
3. DST- NIMAT project Four programme successfully completed.	Prof Atul K. Desai Dr. R. Kumar	2016	Ongoing
4. International Conference			
Name	Co-Chairman	Period	
Recent Advances in Structural Engineering	Prof Atul K. Desai	16/12/2024	18/12/2024

PhD and post graduate mentor

PhD completed

1	Kalpna Maheswari, "Experimental and numerical study on polyster fibre reinforced clayey soil" (2013)
2	Priti Patel, "Strength and Ductility Enhancement of RC Bream-Column Joints Using FRC" (2007)
3	Jigisha Vashi, "Feasibility study of geotextile reinforced embakement on difficult foundation as an alternative to reinforced wall in Indian environment" (July 2009)
4	Tandel Yogendra, "A study of behavior of reinforced stone column for ground improvement" (2009)
5	Divya Gohil, "Performance of shallow building foundation constructed on geogrid improved ground subjected to earthquake forces" (2014)
6	Jigar Sevalia , "Numerical study on wind induced mean drag forces on tall buildings" (2014)
7	Sejal purvang Dalal "Performance based plastic design of moment resisting frames using the proposed inelastic design spectra" (2015)
8	Mohankumar Namdeorao Bajad "Effects of Chloride and Sulphate Attack on The Properties of Conglasscrete." (2014)
9	Nehal Dalal, "Redevelopment of Municipal Solid Waste Landfill Site." (2008)
10	Ghanshyam Savaliya, "Analysis of Hybrid Cable-stayed Suspension Bridge." (2009)
11	Shruti Vaidya, "Pile-raft foundation with variable subsoil's for high rise buildings." (2009)
12	Minakshi V. Vaghani, "Upgradation of Gravity Load Designed RC Beam Column Connections using SS Plates subjected to cyclic loading." (2017)
13	Mandar Sardesai, "Dynamic Analysis of Extradosed cable Stayed Bridges and correlation between ground acceleration and structural displacements for predicting Dynamic response of structure." (2017)
14	Bhavin Patel, "Fracture and Size effect studies on plain and fiber reinforced self- compacting concrete using digital image correlation technique."(2018)
15	Sungyani tripathi, "seismic analysis of turbo machinery frame foundation using barrettes." (2018)
16	Pramod Kolase "Static and dynamic analysis of fiber reinforced Roller Compacted Concrete rural road." (2018)
17	Dipali Doshi, "seismic retrofitting of bridge foundation using micropiles." (2019)
18	Kamal Padhiar, "Parametric studies of post-tensioned floor system by using ADAPT software." (2019)
19	Hemal Shah, "comaparative study on dynamic analysis of monopole and Hybrid wind mill tower." (2020)
20	Deepam Patel, "Computational Blast mitigation analysis of building façade exploiting fluid- structure interaction". (2020)
21	Palak Shukla, "Dynamic response of cut and cover tunnel under blast loading". (2021)
22	Pooja Rao, "Dynamic analysis of soil vibratrions induced by high-speed trains". (2021)
23	Variyavwala Jigar, "Dynamic Performance Evaluation of a High Speed Railway Cable Stayed Bridge for Distinct Pylon Shapes in Context of Varying Train Speeds and Seismic Excitations", (2023)
24	Bhavita S. Dave, "Performance Evaluation of Straw Geocell for Reinforcement of Unsaturated Soil with Centrifuge Modelling". (2023)
25	Bhosale Suraj, "Study on Fiber Mortar Confined Masonary Infill Wall Subjected to Dynamic Loading in Building". (2023)
26	Gondaliya Kaushik, "Probalistic Seismic Vulnerability Assessment of RC Building Stock in the Surat City using Machine Learning". (2024)
27	Bhairav Thakur, "Seismic Performance of Soil Nuclear Reactor Structure Interaction through Combined Pile Raft Foundations". (2024)

28	Gabra Jaswant singh, "Analysis of Cable Stayed Suspension Hybrid Bridge". (2024)
29	Alpesh Pandya, "Experimental Under Reamed Pile Load Test in Marine Soil using Osterberg Load Cell". (2024)
30	Arpit Parikh, "Performance of Jackup-Spudcan System under Static, Dynamic and Environmental Loading in Offshore Seabed through Finite Element Method based Computational Tools." (2025)

PhD ongoing

1	Sudhir gayake, "Application of polyethylene terephthalate (PET) bottle fibers in concrete".
2	Avni katariwala, "Tunnel Stability During Operation of High Speed Rail".
3	Anajwala Parth, "Dynamic Analysis of Concrete Gravity Dam".
4	Shubhangi Kachhwa, "Dynamic Analysis on Offshore Structure".
5	Vrunda Agarkar, "Effect on Tornado on Tall Building using CFD"

M. Tech completed

1	Amar Shethna, "Earthquake Analysis of Building Configuration" (1992)
2	J. G. Patel, "Foundation for Impact-Type of Machine (Hammer Foundation) for M.E. (SMFE)" (1992)
3	Mr. Padaya, "Study On Various Type of Wind Profiles For B'ldg. M.E. (Struct.)" (1993)
4	Mr. Rao, "Three Dimensional Analysis Of "Spatial Structure for M.E. (Struct.)" (1993)
5	Mr. Solanki, "Computer Programming for Block. Type Machine Foundation for M.E. (SMFE)" (1994)
6	Mr. GoK.lani, "Computer Aided Dynamic Analysis of Tall T.V. Tower for M.E. (Struct.)" (1995)
7	Mr. Dobaria, "Dynamic Analysis of Tall Stack. Structure & Wind Effect" (1998)
8	Bina Sheth, "R.C.C. Deep Beams With & Without Web Opening -A Computer Aided Approach for M.E. (Struct.)" (1996)
9	Alpa Kania, "Static & Equivalent Dynamic Analysis Of Stack Like Structure-CAD Approach for M.E. (Struct.)" (1997)
10	Vaishali Patel, "C.A.D. for Beams on Elastic Foundation for M.E. (Struct.)" (1998)
11	Yogesh Patil, "Study On Fire Resistance Concrete for M.E. (Struct.)" (1998)
12	Priti Patel, "Effect Of fire On R.C.C. for M.E. (Struct.)" (1999)
13	Mr. Bhagat, "Reduction in Cement Content for Various Grade of Content for M.E. (Struct.)" (2000)
14	Dipali Desai, "Effect Of Different W/C Ratio On Strength Of Concrete At Elevated Temperature for M.E. (Struct.)" (2000)
15	Mr. Jigar Sevalia, "Turbo-Machine Frame Foundation-A Parametric Study (By Developing Software)" (2001)
16	Mr. Hemant Aahir, "Ductile Detailing & Comparative Study of Old & New Earthquake 1893 Code" (2002)
17	Sapna NaiK., "Finite Element Analysis Of Earthquake Proof Low Cost Housing" (2002)
18	Mr. Smit ThaK.ar, "Retrofitting Of R.C.C. Frame Structure" (2003)
19	Mr. Kamlesh Mehta, "Experimental Study on Various Types of Retro fitting Methods for Crack & Uncrack Section of R.C Element" (2003)
20	Hetal Parmar, "Design of Composite Bridge Using CAD Approach" (2003)
21	Mr. Milind Mahajan, "Experimental Study on Fiber Reinforced High Performance Beam Column Joint" (2004)
22	Ms. Dhavani Desai, "Dynamic Analysis of Simple Structure for Various Types of Pulse Loading" (2004)
23	Mr. Pinak Desai, "Parametric Study and Design of Environmental Structure - A Case Study of Clarifier" (2004)
24	Swapnil K.olwanK.ar, "Earthquake Analysis of Tall Building" (2005)
25	Doris Mehta, "Seismic Analysis of Structures Using Time History Analysis" (2006)
26	Vimal singh Rahevar, "Seismic Analysis of hyperbolic cooling tower" (2007)
27	Chintan Pathak, "Static analysis of Cooling Tower" (2008)
28	K.etan Patel, "Dynamic analysis of Cooling Tower" (2008)
29	Vijay Lad, "Study of structural behavior of vertical axis wind turbine" (2008)
30	Stavan Lakhdharia, "Study of Box-girders in Precast Segmental Concrete Balanced Cantilever Bridges" (2009)
31	Amisha Radadiya, "Comparative Study of PSC Box-girder and I-girder for Bridges" (2009)
32	Snajay Ahir, "Pile Raft foundation in layered soil" (2010)
33	AnK.it Shah, "Pile Raft with static loadings" (2010)
34	Nilay NaiK., "Performance of Piled-Raft foundation for tall building subjected to earthquake loading" (2010)
35	Dinesh Sen, "Analysis of building on sloping ground considering seismic forces" (2010)
36	Digant Lad, "Comparative study of Ordinary Concrete and Fiber Reinforced Concrete Building" (2010)
37	Mr. Nimesh Toppil, "Design of Prestressed Bridge considering lateral forces" (2010)
38	Rakesh Parmar, "Dynamic Behaviour of Pile Supported Machine Foundations" (2011)
39	Chintan Mistry, "Study of different Configuration of Gabion Retaining wall" (2011)
40	Ramesh Shingala, "Dynamic Analysis & parametric study of transmission line tower using SAP2009" (2011)
41	Savaliya Mahesh, "Parametric Study of Wind Turbine Foundation on different Soil using SAP 2000 (v14) software" (2011)
42	K.anika Lamba, "Parametric Study of Turbo Machine Frame Foundation on different Soils" (2011)
43	Patel Pareshkumar, "Reinforced Earth retaining walls" (2011)
44	Amrutlal Laxmidas, "Durability Aspects of Fibre reinforced concrete" (2012)
45	Jayesh Dalal, "Analysis of complex structural design considering different position of shear wall" (2013)
46	Rampariya Anand R., "Seismic Response Parametric Study of Nuclear Reactors Containment Structure" (2012)
47	Kharade Amit S., "The Effect of Tsunami Driven Debris Impact on RCC Buildings near Tsunami-prone Coastlines in

	India" (2012)
48	Vannak Ammar, "Analysis of sK,y-pod structures: A Parametric study" (2012)
49	Bhoi Akshay Kumar, "Effect of Tsunami and Earthquake on RCC Frame structure near coastline" (2012)
50	Kinjal Shah, "Application of polyester fibers on stability of slope" (2012)
51	Desai Japit, "Analysis of Plaza type muti-storied building" (2013)
52	Uma, "Effect of low temperature on fiber reinforced soil" (2013)
53	Shah H. J., "Dynamic analysis of tall TV tower" (2013)
54	Deepam patel, "Comparative study of reinforced concrete filled steel tube building frame with traditional reinforced concrete building frame" (2013)
55	Jitesh chavda "Analysis of micro piles for deep excavations" (2014)
56	Ganesh "Load analysis of tall asymmetric building" (2014)
57	Rajan "Development of new cold formed steel building system" (2014)
58	Christie josh "Soil Structure interaction for tall buildings"(2015)
59	Jyul Bardoliwala "Fracture Mechanics of concrete using acoustic emission" (2015)
60	DipaK. Gaikawad "Wind resistance design of spire on tall building"(2016)
61	Modi Twinsky P. "Computational Fluid Dynamics of Tall Buildings" ((2016)
62	Tripathy Rohit "Innovative Cable stayed Bridge" (2016)
63	Patel Vishal "Different Structural configuration for load transfer at elevation offer in tall building" (2016)
64	Chandini seth,"Behavioural study of piled block foundation" (2016)
65	Patel Ashish Jethalal, "Performance Evaluation of RCC twin towers connected by skywalk using linear time history analysis."
66	Patel jigisha bipinchandra, "Parametric study of seismic analysis of R.C.C tall structures for different lateral load resisting systems like shear wall, diagrid and outridges."
67	Shingala Ramesh N. "Comparison of different configuration of transmission line tower by using sap; 2000 (v-14) software".
68	Akshay Nanalal Sheth, "A comparative study on direct displacement based and IS 1893 (Force based) codal approaches for RC monolithic continues bridge" (2017)
69	Jinal Sanjeev Shah, "Analysis of Cable stayed Bridge with different Geometrical Variations." (2017)
70	Daksh .S. Trangri, "Parametric Study on Indian Seismic Code IS 1893: 2002 and IS 1893: 2016." (2018)
71	Denish K. Aghera, "parametric study on horizontally curved post-tensioned prestressed concrete bridge." (2018)
72	Nilesh K. Mevawala, "Seismic Analysis of Building on Sloping Ground." (2019)
73	Thakkar Jai Girishbhai , "Comparative study on tall building having different basement system according to IS 1893: 2016 and IS 16700:2017 with soil structure interaction" (2019)
74	Yadav Sneha Hanamant, "Behavior of Tensile membrane Roof Structures with prestress, material properties and geometrical configurations" (2019)
75	Dhanani Krupal, "Study of infill wall for seismic resistivity of RC Frame building" (2020)
76	Harshad Ankrolia, "Dynamic behavior of cable stayed bridge subjected to high rail load" (2021)
77	Prince S. Doshi, "Construction stage analysis and parametric study of elevated metro bridge" (2021)
78	Rethaliya Piyush R., "Comparative study of multi-story building with PTslab/ beam and conventional RCC building" (2021)
79	Patel Shivani, "Dynamic Response Parametric Study of Nuclear Reactor Containment Structure Under Seismic Loading" (2022)
80	Sangani Kishan, "Seismic Fragility Assessment of Cable-Stayed Bridge Considering Different Pylon Shapes" (2022)
81	Nehe Darpana, "Performance evaluation of stress Ribben bridge" (2022)
82	Meet Trada, "Dynamic Analysis of Curved Cable Stayed Bridge with Inclined Pylon". (2023)
83	Ashutosh Ramole, "Analysis of Buildings Exceeding Irregularity Limits as per IS 1893-2016 (I)". (2023)
84	Harshal Shah, "Behavior of Underground Metro Twin Tunnel subjected to Dynamic Loading: Analysis and Implications". (2024)
85	Dev Bharatia, "Analysis of Prestressed U-Girder Bridges used in Metro Rail". (2024)
86	Pooja Ganpat Katkade, "Seismic Analysis of Long Pier Bridge considering Soil Structure Interaction". (2024)
87	Chauhan Gaurav P., "Dynamic Analysis of Concrete Gravity Dam with Different Sizes of Spillway Gates". (2024)

Invited expert Lectures

1	30-08-1997	"IPR & Patent Act. The Golden Key For India
1	30-08-1997	"IPR & Patent Act. The Golden Key For India In Global Economy", at ISTE Surat Chapter & Teacher Association.
2	20-09-1997	"IPR & Patent Awareness Program" at ISTE Student
3	21-03-1998	"IPR & Patent Act - The Golden Key For India In Global Economy", at ISTE Surat Chapter & Teacher Association.
4	04-04-1998	"IPR & Patent Act. The Golden Key For India In Global Economy", at Mindbend 98.
5	17-04-1999	"Understanding Scientific Fundamental of Astro- Palmistry, Our Ancient Heritage", at Vidyastambha.

6	20-07-1997	"Discussion On Patent Act". Nominated For Finalizing "Trips - Draft", For Indian Presentation at U.N.O., Geneva At Bangalore.
7	11-02-2000	"Astro-genetics: a new word of next millennium", international conference organize by IVVRF, "vastu panorama - 2000" at Indore.
8	26-02-2000	"Astrogenetics a new word of next millenium", at Mindbend 2000.
9	08-04-2000	"IPR and Patent Act", B.E. IV (Civil) by Civil Engg. Department.
10	05-04-2000	"IPR and Patent Act", B.E. IV (Mech. and Prod.) by Mechanical Engg. Dept.
11	21-06-2000	"Protective Coating for Steel", AICTE / ISTE Summer School on Corrosion in Concrete Structures and it's Repair, AMD, SVRCET, Surat, June 19 to July 1, 2000.
12	27-06-2000	" Rehabilitation of Structures ", AICTE / ISTE Summer School on Corrosion in Concrete Structures and it's Repair, AMD, SVRCET, Surat, June 19 to 13 July, 2000.
13	15-07-2001	"Earthquake Resistance Structure", At Gujarat Samachar Bhavan, Surat.
14	25-07-2001	"Earthquake Resistance Structure", at Nanpura; Organised by Junior Jacciey Club.
15	01-02-2002	"How To Save Life During Earthquake", at Shrayas High School, Ghod- Dod Road, Surat
16	03-05-2001	"IPR and Patent Act " by Training and Placement Department, for B. E. IV Student (Civil, Mechanical and Production)
17	01-06-2002	"Amazing Link Between Earthquake Engineering And Vastu Shastra", in Vaastu Convention, Surat 2002.
18	01-06-2002	"Astro Genetics", in Vastu Convention, at Surat, 2002.
19	11-02-2002	"IPR and Patent Act", at S. S. Gandhi Eng. College, Surat.
20	01-01-2004	"Preparation of Competitive Exam Like JEE/ AIEEE/PMT", at Sharada Yatan School, Surat.
21	26-01-2004	"Recent Technological Development In India", at I.T.I. Pramukh Park, Surat.
22	22-02-2004	"IPR and patent Act", at mindband 2004, S.V.N.I.T., Surat.
23	22-06-2004	"IPR & Patent Act - Human Value in Technical Education", ISTE, SVNIT, Surat.
24	23-08-2004	"Study of High Performance Beam Column Joint under Cyclic Loading", ICI, ACCI, Sinapore CIDC, at J K. Banquette Hall Mumbai.
25	28-08-2004	"Quality Concrete & Earthquake Engg", Surat municipal corporation, Surat.
26	05-2-2005	"IPR and Patent Act", for staff, BE-IV (C) & PDDC Students, Civil Dept., Surat.
27	16-02-2005	"Astro-genetics Fundamental", at Theosophical Society, Anne Besant Hall, Surat
28	22-03-2005	"Scientific Development Trends", at Rayan International School, Dumas Road, Surat.
29	24-03-2005	"Study of high performance beam column joint under cyclic loading", by Reliance Industry, at Surya Palace, Baroda.
30	15-08-2005	"Earthquake Consideration for design of Structures", at Tapi Bramcharya Diploma Engineering collage, Surat.
31	15-10-2005	"Study of Beam column Joint under cyclic loading", at Hotel Inder Residency, Ahemdabad.
32	12-02-2006	"State of Art of cable Stayed bridge", at National Conference, at JNTU, Kakinada, A.P.
33	06-06-2006	"Seismic analysis of curved cable stayed bridge", at 8th international Conference, at Kualampur, Malesia.
34	09-12-2006	"Limit State Steel beam design", at INSDAG, SVNIT.
35	18-02-2007	"Cable Bridge and beam column Junction at", Stapatya 2007" (Keynote SpeaK.er).
36	30-03-2007	"Career guidance program", at Gandhi Smruti Bhavan, Surat.
37	01-04-2007	"Carrier Guidance - Seminar", at Gandhi Smruti Hall, Smat Under Tequip.
38	08-06-2007	"Cable Stayed bridge", Advances in steel structure, SVNIT Surat.
39	09-06-2007	"Spread Pylon cable stayed bridge", National Seminar, at SVNIT, Surat.
40	29-09-2007	"Recent advances in earthquake engineering", at GIDM, SPIPA campus Ahemdabad under Urban Earthquake Vulnerability Reduction Programe.
41	10-10-2007	"Disaster management - Earthquake and Tsunami", at bhartiya vidya bhavan's, Hazira Surat.
42	29-02-2008	"Understanding Planet Earth", at Jaybharti community science centre, Surat.
43	24-03-2008	"Recent advances in earthquake engineering", at Gandhi College, Surat.
44	30-03-2008	"Career guidance program", at Gandhi Smruti Bhavan, Surat.
45	11-06-2008	"Recent Advances in Earthquake Engineering", at STTP, VV Nagar, Gujarat.

46	11-07-2008	"Recent Advances in Earthquake Engg. at STTP on Software Applications in Web based Learning tools in Structural Engineering", SVNIT, Surat
47	04-08-2009	"Presentation on Forensic Engineering and Special Foundations", at STTP on "Advanced Design of Steel Structure Using (Revised) IS: 800-2007", SVNIT, Surat.
48	13-08-2009	"Presentation on Forensic Engineering and Special Foundations", at STTP on "Geotechnical Investigations, Interpretations and Improvements", SVNIT, Surat.
49	19-01-2009	"Presentation on Foundations for vertical axis wind mill", at STTP on "Wind energy", SVNIT, Surat
50	26-11-2009	"Analysis and Design of Cable-stayed Bridge", at NUCONE-2009, Nirma Institute of Technology, Ahmadabad.
51	28-01-2010	"Recent Advances in Earthquake Engineering", at STTP on Recent advances in concrete technology, SVNIT, Surat.
52	06-08-2011	"Synthetic Fibres & its use in concrete Overlay. Case study of concrete pavement work in Surat Municipal Corporation - Impact of Earthquake and behavior of concrete structure", at one day workshop on Concrete Pavement to City Roads, Nagpur Municipal Corporation, Nagpur.
53	27-08-2011	"Eco-friendly Scientific Method for immersion of Ganesh Idols", at 'One day awareness program on eco-friendly immersion of Ganesh Idols'
54	15-06-2013	"Recent advances in earthquake engineering" at J. K. Laxmi cement, Bardoli Dist. Surat
55	25-06-2013	"Recent advances in structural engineering" at Knowledge centre, Ambuja cement Ahmadabad.
56	31-03-2014	"Recent advances in structural engineering" at Dr. S & S. S. Gandhi Government Engineering college, surat.
57	22-10-2013	"Recent advances in structural engineering" at mind bend 2013 at SVNIT, Surat
58	07-01-2015	"Seismic Response of Different Types of cable Stayed Bridges" at Vibrant Gujarat
59	16/9/2016	"Recent advances in structural engineering", DV Kalpana engg. College.
60	16-28-5-'16	"Recent advances in structural engineering", BVM Engineering college.
61	22-23-8-'16	"Research Methodology", V. V. nagar.
62	3-5-02-'16	"Earthquake Engineering for Engineers and Architects", SVNIT, SURAT.
63	24-26-2-'16	"Earthquake Engineering for Engineers and Architects", SVNIT, SURAT.
64	27-02-2016	"Geotechnical Investigation & Soil Structure Interaction".
65	10-03-2016	Fibre Reinforced Concrete and Fibre Reinforced soil Applications, Ambuja cement.
66	14-03-2016	Recent advances in structural engineering, Aditya Birla UltraTech.
67	15-03-2016	Recent advances in structural engineering, Aditya Birla UltraTech.
68	12-08-2016	Innovation in the field of structural and Earthquake engineering, C.K. Pithawala College of Eng. & tech.
69	19-20-5-'17	Soil Structure Interaction and special Foundation Reliance.
70	22-05-2017	Recent advances in structural engineering and Geotechnical Engineering, BVM Engineering college.
71	27-09-2019	Expert lecture given at Leelaben Dashrathbhai Ramdas Patel (LDRP) institute of technology and research, Gandhinagar.
72	21-11-2019	Recent advances in structural engineering (RASE 2019) at SVNIT, SURAT.
73	10-02-2020	Recent advances in structural auditing system At sandip university, pune.
74	12-06-2020	Recent advances in structural engineering, webinar organized by Dr. S. & S. S. Ghandhy engineering college, Surat.
75	27-06-2020	Recent advances in geotechnical engineering, webinar organized by Dr. S. & S. S. Ghandhy engineering college, Surat.
76	01-08-2020	Latest trends in cable supported structures by indus university
77	23-11-2020	Recent advances in civil and structural engineering, webinar organized by Dr. S. & S. S. Ghandhy engineering college, Surat.
78	06-03-2021	Different techniques of geo-reinforcement for flood protection, webinar organized by S. V. NIT, Surat.

79	12-03-2021	Analysis of tornado and cyclone using CFD for wind resistant structure, webinar organized by S. V. NIT, Surat.
80	01-07-2021	Recent advances in Geotechnical and Structural Engineering, webinar organized by government engineering college, Dahod.
81	18-08-2021	Wind resistant structure: analysis & Design, sponsored by GUJCOST organized by Sankalchand patel collage of engineering, Visnagar.
82	21-02-2022	Recent advances in Geotechnical and Structural Engineering, One-week FDP on advancement in the field of civil engineering: Theory and Practice by Pravara Rural Engineering collaage, Loni.
83	14-06-2022	Avoidance of collapse of prestressed concrete elevated structures and bridge during construction Organized by the Indian association for highway engineers in association with NHAH at Le Meridian Hotel.
84	19-06-2023	“Recent Advances in Structural Engineering & Geotechnical Engineering”, at STTP on Recent developments in IS code and software applications in Structural Engineering organizes by the IEI, V. V. Nagar, Gujarat.
85	03-07-2023	“Recent Innovation in Structural Engineering”, in two-week workshop on Recent Advances in Civil Engineering (RACE-2023) at SVNIT, Surat.
86	04-07-2023	“Recent Innovation in Geotechnical Engineering”, in two-week workshop on Recent Advances in Civil Engineering (RACE-2023) at SVNIT, Surat.
87	12-07-2023	“Response Spectrum Generation and Its Application in Structural Engineering”, in one-week workshop on Non-linear Seismic Analysis of Structures (NSAS-2023) at SVNIT, Surat.
88	04-10-2023	“Recent Advances in Bridges & Roads”, in one-week online FDP on Emerging Trends in Construction Practice at C. K. Pithawala College of Engineering & Technology, Surat.
89	01-01-2025	“Recent Advances in Structural and Geotechnical Engineering in Smart Cities”, in one-week FDP on Best Practices for Development and Maintenance of Civil Engineering Infrastructure in Smart Cities at Shri Sitarambhai Naranji Patel Institute of Technology, Managed by Vidyabharti Trust, Unrakh-Bardoli.