

## Veermata Jijabai Technological Institute, Mumbai (MS)

<b>GENERAL INFORMATION:</b>							
Full name of the applicant				Dr. Keshav Kashinath Sangle			
Date of Birth				04/04/1976			
Present post							
Designation and Grade:				Professor			
Date from which Held:				31 <sup>st</sup> May 2011			
Name of the Organization:				Veermata Jijabai Technological Institute, Mumbai			
Address for communication:				Professor and Head, Structural Engineering Department VJTI, Mumbai -400019			
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Office:				-			
Residence:				-			
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The Indian language the applicant is able to speak fluently and read				English, Marathi, Hindi			
Knowledge of Marathi Language (Read/Write/Speak)				Yes Read, Write and Speak			
<b>Essential Qualifications: (Graduation onwards)</b>							
Sr No	Examination	Board / University	Institute	Subject / Course	Year of Passing	Division / Class	Marks in %
1	B.E Civil	Shivaji University Kolhapur	Government College of Engineering, Karad.	Civil Engineering	1997	1 <sup>st</sup> Class	67.63
2	M.Tech	Shivaji University Kolhapur	Government College of Engineering, Karad.	Structural Engineering	2001	1 <sup>st</sup> Class	64.36
3	Ph.D	IIT Mumbai	Indian Institute of Technology Bombay, Mumbai	Civil Engineering	2010	---	---

<b>Details of Employment in Descending Order:</b>						
<b>Sr. No.</b>	<b>University / Institution / Organisation</b>	<b>Post</b>	<b>From</b>	<b>To</b>	<b>Government / Private</b>	<b>Total (in years and months)</b>
1	Veermata Jijabai Technological Institute Mumbai	Professor	31 <sup>st</sup> May 2011	Till date	Government Aided	11 Years 10 Months
2	Veermata Jijabai Technological Institute Mumbai	Assistant Professor	1 <sup>st</sup> January 2008	30 <sup>th</sup> May 2011	Government Aided	3 Years 5 Months
3	Veermata Jijabai Technological Institute Mumbai	Lecturer	28 <sup>th</sup> April 2000	31 <sup>st</sup> Dec. 2007	Government Aided	7 Years 8 Months
4	College of Engineering Malegaon, Tal Baramati	Lecturer	5 <sup>th</sup> January 1998	26 <sup>th</sup> April 2000	Private	2 Years 3 Months
<b>Total Experience:</b>					<b>25 Years 2 Months</b>	

<b>Details of Administrative Experience:</b>							
<b>Sr. No.</b>	<b>University / Institution / Organisation</b>	<b>Post</b>	<b>Nature of Duties</b>	<b>From</b>	<b>To</b>	<b>Government / Private</b>	<b>Total (in years and months)</b>
1	VJTI, Mumbai	Officiating Director	As per Annex -III	Total 30 days over the span of 8 years			
2	VJTI, Mumbai	Dean Academic Programs	As per Annex-III	01/09/2016	Till Date	Govt. Aided	6 Years 9 Months
3	VJTI, Mumbai	Dean Infrastructure and Planning	As per Annex-III	12/08/2011	11/08/2016	Govt. Aided	5 Years
4	VJTI, Mumbai	Dean (R&D)	As per Annex-III	30/06/2016	14/08/2016	Govt. Aided	1 Month 14 days
5	VJTI, Mumbai	Head Structural Engineering Department	As per Annex-III	13/10/2014	31/08/2016	Govt. Aided	1 Year 10 Months 9 Months
6	VJTI, Mumbai	Chief Rector	As per Annex-III	01/01/2018	Till Date	Govt. Aided	5 Years 3 Months
7	VJTI, Mumbai	Head Mathematics and Humanities	As per Annex-III	01/11/2022	Till date	Govt. Aided	5 Months
8	VJTI Mumbai	I/C Register During Covid-19 Lock Down Period	As per Annex-III	08/06/2020	31/05/2022	Govt. Aided	2 Years

**Research Publications:**

**Total Publications: 80**

**International Journals: 44(35 Scopus Indexed Journals), National Journals:07, International Conference: 27**

**International Journals**

1. Pujari, A.B., Sangle, K.K., Mohitkar, V.M.(2023), “Progressive collapse analysis of seismically designed braced and unbraced steel frame structures,*Asian Journal of Civil Engineering* 2023, 24(8), pp. 3277–3292
2. Singh, V.S, Sangle, K.K, Singh, P (2023), “ Structural Response To Blast Loads With Varying Stand-off Distances” *Indian Concrete Journal*, 97(11), pp. 42–49
3. Bhirud, Y.L Sangle, K.K , Vaidya, O.V, Patare, S.A.(2023), “Influence of higher binder content on the splitting tensile strength and modulus of elasticity of self-compacting concrete: An experimental investigation and proposed prediction equation” *Construction and Building Materials.*, 2023, 398, 132478
4. S. S. Yadav, K. K. Sangle, S. A. Shinde, S. S. Pendhari, and Y. M. Ghugal,(2023) “Bending analysis of FGM plates using sinusoidal shear and normal deformation theory,” *Forces in Mechanics*, vol. 11, p. 100185
5. Sunil, S.Y, Keshav, K.S., Mandar, U.K, Sandeep, S.P., Yuwaraj, M.G.(2023), “ Bending analysis of exponentially varied FG plates using trigonometric shear and normal deformation theory”.*Advances in Aircraft and Spacecraft Science*, 10(3), pp. 281–302
6. A. B. Pujari and K. K. Sangle (2023), “Progressive collapse analysis of seismically designed three-dimensional special moment resisting frames,” *Asian Journal of Civil Engineering*, 24(6), pp. 1583–1597.
7. Pawar, L., Sangle, K.K., Bhirud, Y.L.(2023), “Experimental investigation along with 3-D Finite Element Analysis to determine the stress bearing ability of concrete containing waste plastic aggregates” *Research on Engineering Structures and Materials*, 2023, 9(3), pp. 1081–1099
8. S. Yadav, P. Pandare, S. Pendhari, K. Sangle, and Y. M. Ghugal, (2023) “Static analysis of an exponentially varying functionally graded beam using trigonometric shear deformation theory,” *Composites: Mechanics, Computations, Applications: An International Journal*, vol. 14, no. 3, pp. 1–23,
9. L. B. Pawar, K. K. Sangle, Y. L. Bhirud,(2022) “Experimental investigation of spalling effect of elevated temperature on concrete containing waste plastic

- aggregates,” *Research on Engineering Structures and Materials*, vol. 8, no. 4, pp. 861–884,
10. S. Senapati and K. K. Sangle, “Nonlinear static analysis of cold-formed steel frame with rigid connections,” *Results in Engineering*, vol. 15, p. 100503, 2022.
  - 11.
  12. S. Yadav, S. Damse, S. Pendhari, K. Sangle, and A. S. Sayyad, “Comparative studies between Semi-analytical and shear deformation theories for functionally graded beam under bending,” *Forces in Mechanics*, vol. 8, p. 100111, 2022.
  13. V. Singh and K. Sangle (2022) , “Analysis of vertically oriented coupled shear wall interconnected with coupling beams,” *HighTech and Innovation Journal*, vol. 3, no. 2, pp. 230–242, 2022.
  14. L. B. Pawar, K. K. Sangle, and Y. L. Bhirud, “Impact of recycled plastic aggregate concrete in high-temperature environments,” *Innovative Infrastructure Solutions*, vol. 7, no. 3, p. 197, 2022.
  15. S. P. Patil and K. K. Sangle, “Water fetcher’s lumbar load analysis while carrying heavy loads,” *Materials Today: Proceedings*, vol. 56, pp. 3506–3511, 2022.
  16. Senapati, S., **Sangle, K.K.**(2022), ‘Nonlinear static analysis of cold-formed steel frame with rigid connections’, *Results in Engineering*, 15, 100503
  17. Yadav, S., Damse, S., Pendhari, S., **Sangle, K.**, Sayyad, A.S. (2022), ‘Comparative studies between Semi-analytical and shear deformation theories for functionally graded beam under bending’,*Forces in Mechanics*, 8, pp 100 -111
  18. Singh, V., **Sangle, K.K.** (2022) ‘Analysis of Vertically Oriented Coupled Shear Wall Interconnected with Coupling Beams’ *HighTech and Innovation Journal*, 2022, 3(2), pp. 230–242
  19. Pawar, L.B., **Sangle, K.K.**, Bhirud, Y.L. (2022), “Impact of recycled plastic aggregate concrete in high-temperature environment, *Innovative Infrastructure Solution*, 7(3), 197.
  20. Lalit B Pawar, **Keshav K Sangle**, Yuvaraj L. Bhirud, (2022),”Experimental Investigation of spalling effect of elevated temperature on concrete containing waste plastic aggregates’, *International Journal of Research on Engineering Structure and Materials (RESM)* , 8(4), pp 861-884
  21. Patil, S.P., **Sangle, K.K.**(2022), ‘Water fetcher's lumbar load analysis while carrying heavy loads’*Materials Today: Proceedings*, 56, pp. 3506–3511
  22. Vikram Singh, **Keshav Sangle** (2022), “Analysis of Vertically Oriented Coupled

- Shear Wall Interconnected with Coupling Beams”, High Tech and Innovation Journal, 3(2) pp 230-242
23. Patil, S.P., **Sangle, K.K.**(2021), “Modeling and Finite Element Analysis of Water Fetching Aid” ARPJ Journal of Engineering and Applied Sciences, 16(23), pp. 2567–2570
  24. Deshpande, P.K., **Sangle, K.K.**, Ghugal, Y.M. (2021), “Performance of polymer-modified fiber-reinforced high strength concrete”. Indian Concrete Journal 95(6), pp. 47–56
  25. Zameeruddin, M., **Sangle, K.K.** (2021), “Damage assessment of reinforced concrete moment resisting frames using performance-based seismic evaluation procedure”, Journal of King Saud University - Engineering Sciences, 33(4), pp. 227–239
  26. Senapati, S., **Sangle, K.K.** (2021), “Monotonic simulation of fastener-based cold-formed steel shear walls”. International Journal of Engineering Trends and Technology, 69(4), pp. 87–93
  27. Zameeruddin, M., **Sangle, K.K.** (2021), “Performance-based Seismic Assessment of Reinforced Concrete Moment Resisting Frame”. Journal of King Saud University - Engineering Sciences, 33(3), pp. 153–165
  28. Singh, V.S., **Sangle, K.K.** (2021), “Repercussion on plastic zones formed in vertically oriented planar wall”, International Journal of Engineering Trends and Technology, 69(2), pp. 19–24
  29. Singh, V.S., **Sangle, K.K.** (2021), “Simulation and Behavior of Vertically Oriented Planar Structure” Smart Innovation, Systems and Technologies, 2021, 206, pp. 379–389.
  30. Singh, V.S., **Sangle, K.K.** (2020), “Simplistic Damaged Plasticity Model for Vertically Oriented Planar Wall” Psychology and Education 57(9): 3223-3229.
  31. Sonali Patil, **Sangle K.K.** (2020), “Postural Assessment of Rural Water Fetcher using Ergonomics” European Journal of molecular & Clinical Medicine 07(06) 427-433.
  32. Bhirud, Y.L., **Sangle, K.K.** (2018), “Assessment of characteristics of various self-compacting concrete and normal concrete at green and hardened state”. ARPJ Journal of Engineering and Applied Sciences, Volume 13, No 3, 707 -802
  33. Pujari, A.B., **Sangle, K.K.**(2018), “Progressive collapse analysis of seismically design low rise steel frame structure”. ARPJ Journal of Engineering and Applied Sciences, Volume 13, No 1, 34 -41
  34. Kubde, P.W., **Sangle, K.K.** (2018). “Extension of direct strength method to perforated

- stiffened cold-formed steel column and two-dimensional frame” *ARPN Journal of Engineering and Applied Sciences*, Volume 13, No 1, 146 -160
35. Mohd Zameeruddin and **Keshav K Sangle** (2017), “Energy-Based Damage Assessment of RCMRFS Using Pushover” *ASIAN Journal Of Civil Engineering (BHRC)* VOL. 18, NO. 7 pp. 1077-1093
  36. Mohd Zameeruddin and **Keshav K Sangle** (2017), “Seismic Damage Assessment of Reinforced Concrete Structure using Non-linear Static Analyses”, *KSCE Journal of Civil Engineering Vol 21, pp 1 -12*
  37. Bhirud Yuvaraj L, and **Keshav K Sangle** (2017) , “Comparison of shrinkage, creep and elastic shortening of VMA and powder type self-compacting concrete and normal vibrated concrete”. *Open Journal of Civil Engineering (Scientific Research Publications) Vol.7 NO 1.*
  38. P. W. Kubde and K. K. Sangle (2017), “Extension of direct strength method to two dimensional cold formed steel frame” *Revista ALCONPAT, VOL. 7 (2), pp. 172-185*
  39. Sudhir Patil and **Keshav K. Sangle** (2017), “Shear and Flexural Behavior of Prestressed and Non Prstressed Plain and SFRC Concrete Beams” *Journal of King Saud Unviersity: Engineering Sciencees, Vol 29 (4) 321-328*
  40. D.M. Patil, **K.K. Sangle** (2016), Seismic behaviour of Outrigger Braced Systems in High Rise 2-D Steel Buildings”, *International Journal of Structures. Vol.8, 1-8*
  41. Sudhir Patil and **Keshav K. Sangle** (2016), “Test of Steel Fibre reinforced Concrete Beam under Predominant Torsion” *Journal of Building Engineering, Vol. 6, 157-162*
  42. C.N. Tombare, **Keshav. K. Sangle**, V. M. Mohitkar, (2016), “Nonlinear buckling analysis of 2-D Cold –Formed steel simple cross-aisle storage rack frames” *Journal of Building Engineering, Vol. 7, 12-22*
  43. Mohd Zameeruddin and **Keshav K Sangle** (2016), “Review on recent development in performance-based design of reinforced concrete structures”, *International Journal of Structures. Vol.6, 119-133*
  44. Mohd Zameeruddin and **Keshav K Sangle** (2016), “Study of NSPs and NTH Analyses of RCMRFs”, *International Journal of Modern Trends in Engineering and Research, Vol 3(4), 443 -449.*
  45. *Kazi Iqbal and Keshav Sangle*(2016), “Optimal Parmeter of Tuned Liquid Column Damper attached to SDOF System Subjected to Periodic loading” *International Journal on Recent and Innovation in computing and Communication, Vol 4(6), 542-546*

46. C.N. Tombare, **Keshav. K. Sangle**, V. M. Mohitkar, Swapnil Kharmale (2016), “Nonlinear Static Pushover Analysis of Cold-Formed Steel Storage Rack Structures”, *International Journal of Applied Science and Engineering (IJASE)* Vol.15 ,283-296
47. D.M.Patil, **Keshav .K. Sangle** (2015), “Seismic behavior of different bracing systems in high rise 2-D Steel buildings”, *International Journal of Structures. Vol.3*, 282-305.
48. Santhoskumar Naik, Mohd Zameeruddin and **Keshav K Sangle** (2015), “Seismic Performance Evaluation of Reinforced Concrete Frames with Irregular Elevation using Nonlinear Static Pushover Analysis”, *International Journal of Modern Trends in Engineering and Research* , Vol 2(7), 648-653
49. Sudhir Patil and **Keshav K. Sangle** (2014), “Finite Element analysis of Pre-stressed Beam”, *International Journal of Advance Foundation and Research in Science & Engineering (IJAFRSE)* Volume 1, Issue 3, ISSN NO. ISSN 2349- 4794, August 2014.pp.40-48.
50. Sudhir Patil and **Keshav K. Sangle**,(2014) “Dimensional effect on flexural strength of pre-stressed concrete beam by incorporating glass fibers and fly ash”, *International Journal of Software & Hardware Research in Engineering*, ISSN NO.2347-4890- April-2014.
51. Dhanaraj Mohan Patil and **Keshav K. Sangle** (2013), “Experimental Investigation of Waste Glass Powder as Partial Replacement of Cement in Concrete” *International Journal of Advanced Technology in Civil Engineering*, Vol.2 (1),112-117
52. Sudhir P.Patil and **Keshav K. Sangle** (2013) “Flexural Strength Evaluation of Pre-stressed Concrete Beams with Partial Replacement of Cement by Metakaolin and Flyash” *American International Journal of Research in Science, Technology, Engineering & Mathematics. Vol 3 (2)*, 187-194
53. Teresa Peter and **Keshav K. Sangle**(2013), “Determination of Hyper Static Moments in Post-Tensioned Concrete Flat Slab” *Int. Journal of Engineering Research and Applications* Vol. 3, Issue 5, , pp.1113-1117
54. Sumit R. Thakur, Sudhir P.Patil, **Keshav K.Sangle** (2012), “Evaluation of Damage Index of High Rise Building Using non-linear Static Analysis.” *International Journal of Emerging Technology and Advanced Engineering*, Vol.2 Issue no 10, 595-600.
55. **Sangle K.K**, Bajoria K.M and Talicoti R.S (2012) “Elastic Stability Analysis of Cold-formed Storage Pallet Rack Structures with Semi -Rigid Connections.” *International Journal of Construction Steel Research. Vol 71(4)*, 245-262.

56. **Sangle K.K**, Bajoria K.M and Talicoti R.S (2011) “Stability and Dynamic Analysis of Cold-formed Storage Rack Structures with Semi -Rigid Connections.” *International Journal of Structural Stability and Dynamic. Vol. 11 (6), 2011, 1059-1089*,
57. Bajoria K.M, **Sangle K.K** and R.S Talikotti (2010), “Modal Analysis of Perforated Thin-Walled Cold Formed Conventional Pallet Rack Structures with Semi-Rigid Connections.” *International Journal of Construction Steel Research, Vol. 66,428-441. (Publisher -Elsevier)*
58. **Sangle K.K** And Bajoria K.M (2010), “Transient Dynamic Analysis Of Cold-Formed Storage Rack Structure With Semi-Rigid Connection For Impact Loads.” *International Review of Civil Engineering. Vol 1 (1), 8-17*
59. Bajoria K.M, **Sangle K.K** and Talicoti R.S (2009) "Stability Analysis of 3-D Cold-formed Conventional Pallet Storage Rack Structures with Semi -Rigid Connections." *International Journal of Advanced Structural Engineering. Vol. 1 (2),153-182*

#### **National Journal**

60. Praphulla K. Deshpande, **Keshav K. Sangle** and Yuwaraj M. Ghugal, (2021), “Performance of polymer modified fibre reinforced high strength concrete”. *Indian Concrete Journal (ACJ) Vol. 95, No. 6, June 2021, pp. 1-10.*
61. P Praphulla K. Deshpande, **Keshav K. Sangle** and Yuwaraj M. Ghugal (2021), “Study on elastic constants of polymer modified steel fibre reinforced high strength concrete with high fibre volume fraction” *Journal of Structural Engineering (JoSE) Vol. 48, No. 1, April - May 2021 pp. 12-23.*
62. P Praphulla K. Deshpande, **Keshav K. Sangle** and Yuwaraj M. Ghugal, (2021), “Synergistic effect of SBR latex and steel fibres on mechanical properties of high strength concrete” *Journal of Structural Engineering (JoSE) Vol. 47, No. 3, August - September 2020, pp. 259-268*
63. Praphulla K. Deshpande, **Keshav K. Sangle** and Yuwaraj M. Ghugal, (2021), “Elastic properties of polymer modified steel fibre reinforced high strength concrete”. *Key Engineering Materials, Vol. 889, pp. 163-170.*
64. Mohd Zameeruddin Mohd. Saleemuddin and **Keshav K Sangle** (2017), “Seismic performance evaluation of reinforced concrete frames subjected to seismic loads”, *Journal of Institution of Engineers, Journal of The Institution of Engineers (India)*



Series A 98(1-2):117-183

65. Sudhir Patil and **Keshav K. Sangle (2016)** , “Experimental study of steel fibre prestressed concrete beam for shear, bending and torsion”, *Journal of Structural Engineering* 42 (6), 494-509 (*Publisher -CSIR-SERC*).
66. Sudhir Patil and **Keshav K. Sangle (2016)**, “Experimental study of steel fibre concrete beams for shear, bending and torsion”, *Journal of Structural Engineering, Chennai. Vol. 42, no. 6, February - March 2016 pp. 494-509 (Publisher -CSIR-SERC)*.
67. Ajinkya S. Akolkar and **Keshav K Sangle (2016)**, Evaluation of Response Reduction Factor for steel Building using various Types of Bracings” *IUP Journal of Structural Engineering, Hyderabad. Vol.9(4), 7-21*

#### **International Conference**

68. Bajoria, K. M. and **Sangle K.K**, “Performance of Cold Formed Storage Rack Structures Under Seismic Load for Rigid and Semi Rigid Connections”. *Fifth international conference on thin wall structure, Brisbane, Australia, 18- 21 June 2008*.
69. **Sangle K.K** and Bajoria, K. M., Structural Stability of 3-D Cold Formed Storage Rack Structures with Rigid and Semi Rigid Connections. *Fifth international conference on thin wall structure Brisbane Australia, 18- 21 June 2008*.
70. **Sangle K.K** and Bajoria K.M, “Capacity Based Design of Cold Formed Storage Rack Structures under Seismic Load for Rigid and Semi rigid Connection”, *The 14<sup>th</sup> World Conference on Earthquake Engineering ,Beijing, China, October 12-17, 2008*
71. **Sangle K.K** and Bajoria K.M, “Dynamic Analysis of 2-D and 3-D Cold Formed Storage Rack Structures with Rigid and Semi Rigid Connections”, *The 14<sup>th</sup> World Conference on Earthquake Engineering, Beijing, China, October 12-17, 2008*.
72. **Sangle K.K** and Hamane Ajaykumar, “Capacity Based Design of High Rise R.C.C Building.” *International Conference on High Rise Tower and Tall Building 2010 at Munich, Germany, April 14-16, 2010*.
73. Bajoria K.M and **Sangle K.K**, “Finite Element Buckling Analysis of 3-D Conventional Pallet And Drive- In Cold-Formed Storage Rack Structures with Rigid and Semi-Rigid Connections” *Sixth international conference on thin wall structure, Timsoara, Romania, 5-7 September 2011*.
74. **Sangle K.K** and Bajoria K.M, “Time History Analysis for Cold-Formed Steel Storage Rack Structures with Rigid and Semi-Rigid Connections.” *International Conference,*

*EUROSTEEL 2011, Budapest, Hungary, 31 August -3 September 2011.*

75. **Keshav K Sangle** and Vikas Malgunkar, “Seismic Analysis of High –Rise Steel Building with and Without Bracings.” *The 15<sup>th</sup> World Conference on Earthquake Engineering, Lisbon September 24-28, 2012*
76. Shivam Mishra & Sameer Dhuri Mahua. A. Chakrabarti and **Keshav K. Sangle**, “Study of Various Configurations in High-Rise Structures.” *The 15<sup>th</sup> World Conference on Earthquake Engineering, Lisbon September 24-28, 2012*
77. C.N. Tombare and **Keshav K Sangle**, “Non-linear stability and seismic analysis of 2-D cold form steel structures”, in the Proceedings of *7<sup>th</sup> International Conference on Thin-Walled Structures ICTWS 2014 held between 28 September – 2 October 2014 at, Busan, Korea.*
78. P W Kubde and **Keshav K Sangle**, “Determination of load carrying capacity of perforated cold formed steel column using direct strength method”, in the Proceedings of *7<sup>th</sup> International Conference on Thin-Walled Structures ICTWS2014 held between 28 September – 2 October 2014 at, Busan, Korea.*
79. C.N. Tombare, **K. K. Sangle** “Nonlinear Static Pushover Analysis of 2-D Cold-Formed Steel Storage Rack Structures subjected to UBC loading”, *7<sup>th</sup> International Conference on Coupled Instabilities in Metal Structures (CIMS 2016), Baltimore, USA, Novmebre7-8,2016*
80. Atul Pujari and **Keshav K. Sangle**, “Progressive collapse analysis of steel framed structures”, *International Conference on Earthquake Engineering and Seismology at SC ORCHESTRA cruiser, Turkey during 12-16 May 2015.*
81. Atul Pujari and **Keshav K. Sangle**, “Progressive collapse analysis of low rise steel Building”, *Eighth International Conference on STEEL AND ALUMINIUM STRUCTURES, Hong Kong, China, December 7 – 9, 2016*
82. Sudhir patil and **Keshav K. Sangle**, “Experimental study of pre-stressed concrete beams by adding fly ash and steel fibers”, in the Proceedings of *3<sup>rd</sup> International Conference on Recent Trends in Engineering and Technology (ICRTET 2014 Elsevier indexing) ISBN No.978-93-5107-22-5, Date: 28-30 March,2014.*
83. C.N. Tombare, V. M. Mohitkar, **K. K. Sangle**, “Buckling analysis of 2D-cold formed storage rack structures with rigid connections”, in the Proceedings of *3<sup>rd</sup> International Conference on Recent Trends in Engineering and Technology (ICRTET 2014*

Elsevier indexing) ISBN No.978-93-5107-22-5, Date: 28-30 March,2014.

84. Dhanaraj M.Patil and **Keshav K. Sangle**, “ Experimental investigation of waste glass powder as partial replacement of cement in concrete, in the Proceedings of 2<sup>nd</sup> International Conference on Recent Trends in Engineering and Technology (ICRTET 2012)
85. Mohd Zameeruddin Mohd. Saleemuddin and Dr. Keshav K Sangle, “Some Studies on seismic performance evaluation of 2D-reinforced concrete frames based on seismic indices”, in the Proceedings of 3<sup>rd</sup> International Conference on Recent Trends in Engineering and Technology (ICRTET 2014 Elsevier indexing) ISBN No.978-93-5107-22-5, Date: 28-30 March,2014.
86. Bajoria, K. M. and **Sangle K.K**, “Performance of Cold Formed Storage Rack Structures Under Seismic Load For Rigid and Semi Rigid Connections” *Third Structural Engineering World Conference, Banglore, India, October 27 October- 3 November 2007.*
87. **Sangle K.K** and P.N Velhal , “Capacity based design of High, Medium and Low rise steel frame with Rigid and Semi- Rigid Connections”. *Third Structural Engineering World Conference, Banglore, India, 27 October- 3 November 2007.*
88. **Sangle K.K**, Manish Patel and Sandeep Wale, “Free vibration modal analysis of pre-stressed box girder and ‘I’ bridge.” *An International Conference Innovative World of Structural Engineering-ICIWSE-2010*, September 17-19, 2010, at Govt. College of Engineering, Aurangabad, Maharashtra, (India)
89. **Sangle K.K**, Ravi Maske, “Progressive collapse of Low Rise and High-Rise steel building under accidental load.” *An International Conference Innovative World of Structural Engineering-ICIWSE-2010*, September 17-19, 2010, at Govt. College of Engineering, Aurangabad, Maharashtra, (India)
90. **Sangle K.K**, Vishal Durugude and Atual Pujari, “Progressive collapse of Low Rise and High-rise R.C.C building under accidental load.” *An International Conference Innovative World of Structural Engineering-ICIWSE-2010*, September 17-19, 2010, at Govt. College of Engineering, Aurangabad, Maharashtra, (India)
91. Nachiket Patil, Yadav Kamble and **Sangle K.K**, “Void Growth and Coalescence” *An International Conference Innovative World of Structural Engineering-ICIWSE-2010* , September 17-19, 2010, at Govt. College of Engineering, Aurangabad, Maharashtra,
92. Narkhede Trupti Nandkishor and **Keshav K. Sangle**, “Analysis of Drive-in Storage Rack Structure Subjected to Impact Load” *2<sup>nd</sup> International Conference on Global*

*Technology Initiatives (ICGTI) -2013, Rizavi College of Engineering, Mumbai.*

93. Singh, V.S., Sangle, K.K, “Simulation and Behavior of Vertically Oriented Planar Structure”, *COMSO 2020 held online by NIT Silchar in August 2020.*
94. S Senapati, KK Sangle (2022), Nonlinear Seismic Analysis of Perforated cold-formed steel shear wall with Upright Section’, *ASPS Conference Proceedings 1 (2), 491-497, 12th Structural Engineering Convention, SEC 2022, 19-22 December, 2022, Malaviya National Institute of Technology Jaipur.*
95. Priyanka Jadhav, Keshav Sangle, Apurv Vaidya, Ankit Dhoot, Siddhant Biyani (2022), ‘Experimental Investigation of Concrete Used in Spent Fuel Pools of Nuclear Power Plants Subjected to Boiling Water Exposure’ Smart Technologies for Energy, Environment and Sustainable Development, Vol 1: Select Proceedings of ICSTEESD 2020 (Nagpur, 3-4 December 2020)

<b>Experience to Guide Ph.D Students: Total Awarded : 13:, In-progress 04</b>			
<b>S</b>	<b>Student</b>	<b>Thesis title</b>	<b>Ph.D. Awarded</b>
1	Mr. Sunil Yadav	Comparative studies between Semi-analytical and shear deformation theories for functionally graded beam under bending	2023
2	Mr. Lalit Pawar	Some study on use of plastic waste in Concrete	2023
3	Vikarm Singh	Nonlinear Analysis of RC Shear Wall	2023
4	Mrs. Simran Senapati	Analysis and Design of Sustainable, Economical, Structurally, and Energy Efficient Mid and Low-Rise Buildings by using Cold-formed Steel Sections	2023
5	Mrs.Patil Sonali Pandurang	Development/ Improvement in water fetching aid to ease the burden of rural women in India	2022
6	Mr. Praful Deshpande	Performance of polymer modified fibre reinforced high strength concrete	2021
7	Mr. Atul Pujari	Progressive Collapse Analysis of High-Rise Steel Building	2018
8	Mr. P.W Kubde	Direct Strength Method for analysis of cold-formed perforated open sections.	2018
9	Mr. Bhirud Y.N	Experimental and Analytical study on High Grade Self	2018

		Compacting Concrete	
10	Mr. V.N Tombare	Non-linear seismic analysis of cold-formed steel storage rack structures with rigid and semi rigid connection.	2017
11	Mr. Sudhir Patil	Experimental and Analytical Study of Pre-stressed concrete Element with Shear and Torsion	2017
12	Mr. Mohamad Jamirudin	Linear and Nonlinear analysis of Base isolation System for High rise buildings	2017
13	Mr. Dhanraj Patil	Behavior of Different Structural Systems in High Rise Steel Buildings for Lateral Loads	2016

Number of M.Tech Dissertations Guided : 86

Sr. No.	Name of Student	Dissertation Topic
Academic Year 2006-07		
1	Mr. Shingare C. G.	Experimental Determination of Ultimate Strength Circular Column Strengthened by Fiber Wrapping.
2	Mr. Jaydeepsingh Solanki	Push over Analysis of Storage Rack System Structure, Made from Cold Form upright Section, with Rigid and Semi rigid Connection.
Academic Year 2007-08		
3	Mr. Alok Kher	Analysis and Optimum Design of Pre- Engineered Building.
4	Mr. Nitin Kamble	Capacity Based Design for medium rise RCC building.
5	Mr. Ajay Hamne	Capacity Based Design for high rise RCC building.
6	Mr. G. Jayshenkar	Capacity Based Design for medium rise steel building.
7	Mr. Haresh Pansuria	Capacity Based Design for high rise steel building.
8	Mr. Azim Malpekar	Comparative study of Analysis and Design of all type of connections as per IS 800-1987 and IS 800-2007.
9	Mr. Hrishikesh Gharote	Lateral load analysis of RCC building with Post-Tension Slab.
10	Mr. Devang Dharia	Stress analysis of cold formed steel frames due to accidental load.

11	Mrs. Trupti Narkhede	Stability analysis of Drive –in Storage rack structures.
12	Mr. Sandeep Pagare	Direct Strength Design method for cold formed steel members with perforations.
Academic Year 2008-09		
13	Mr. Uday Khairnar	Displacement Based Analysis of Rigid and Semi –rigid Cold Formed Steel frames using Passive Energy Dissipation.
14	Mr. Mangesh Sawant	Dynamic analysis of 2-D and 3-D Cold Formed Storage Rack Structures with Rigid and Semi rigid Connections.
15	Mr. Dalvi Prakash	Stability analysis of Cold Formed 2-D Plane Frame of storage Rack Structures.
16	Mr. Rakesh Shinde	Pushover Analysis of Storage Rack Structures.
17	Mr. Mohite Udaysinh	Pushover Analysis of Overhead Water Tanks of Different Capacities.
18	Mr. Bahadarpurkar Anirudha	Dynamic Wind Analysis of Tall Building.
Academic Year 2009-10		
19	Wale Sandeep Suresh	Free vibration modal analysis of pre-stressed ‘I’ (beam) girder.
20	Patel Manish Rameshbhai	Free vibration modal analysis of pre-stressed box girder bridge.
21	Pawar Jaywant Bhaskar	Progressive collapse of Low-rise steel building under accidental load.
22	Maske Ravi	Progressive collapse of High-rise steel building under accidental load.
23	Durgade Vishal Vishnu	Progressive collapse of Low-rise R.C.C building under accidental load.
24	Pujari Atul Bhimarao	Progressive collapse of High-rise R.C.C building under accidental load.
25	Vannere Nilesh Santosh	Progressive collapse of rigid and semi rigid cold formed steel frames.
Academic Year 2010-11		
26	Vikas Mhalungkar	Earthquake analysis of High-Rise Building with and without infilled walls

27	Anand Awathe	Capacity Based Design of RCC building with Flat slab
28	Santosh Nawale	Analytical investigation of Ultimate load carrying capacity of PT Slab
29	Rahul Patil	Direct Strength Design Method for Cold-Formed Steel Structure
30	Naveed Daimi	Finite Element Analysis of Pre-Stressed Concrete beams
31	Amit Sonawane	Experimental and Analytical Study on Cold-Formed Steel Sections
32	Vishal Mane	Earthquake analysis of High Rise Building with RCC walls
Academic Year 2011-12		
33	Girija Deshpande	Determination of hyper-static moments in Post Tensioned Pre-stressed Slab.
34	Thombare Shyam	Finite Element Analysis of Rectangular Water Tank Propped at Top Under Filled Condition considering Effect of Edge Rotation
35	Sandeep Desale	Finite Element Analysis of Rectangular Water Tank Propped at Top Under Partially Filled Condition considering Effect of Edge Rotation
Academic Year 2012-13		
36	Mr. Yogesh Patil	Biomechanical Analysis of Rabbit Femur Bone using Finite Element Method
37	Mr. Teresa Y. Peter	Determination of Hyper-static Moments in Post-tensioned Concrete Slab
38	Mr. Abhijit Galatage	Non-Linear Dynamic Analysis of Axi-symmetric R.C framed Multistoried Building Considering Soil Structure Interaction.
Academic Year 2013-14		
39	Mr. Abhijit Jadhav	Effect of Twisting Moment in the Design of Various Type of Footing.
40	Mr. Nishid Kansara	Theoretical Settlement Analysis of Piled Raft and Comparison with Software Analysis.
41	Mr..Bhushan Patil	Estimation of Response of RCC Frames using Structural Parameter Base Damage Indices.

42	Mr. Murtuza Haveliwala	Sequential Analysis of High-Rise Building
Academic Year 2014-15		
43	Mr. Apurv Vaidya	Thermal Analysis of Concrete using Finite Element Approach.
44	Mr. Ankit Dhoot	Behavior of High Strength Concrete at Elevated Temperature Due to Boiling Water
45	Mr. Siddhart Biyani	Performance of Normal Strength Concrete at Elevated temperature due to Boiling Water
46	Mr. Santhosh Naik	Non-Linear Static Analysis of Ductile Reinforced Concrete frame having Irregularity in Plan and Elevation to Evaluate “R” Value.
Academic Year 2015-16		
47	Mr. Umesh Yesade	Progressive Collapse Failure of High-Rise Building.
48	Mr. Ajinkya Akolkar	Evaluation of “R” factor for Steel Structures with different type of Bracing System.
49	Mr. Iqbal Kazi	Control of Wind Vibration of High-Rise Building by using Tuned Mass damper.
50	Mr. Nirav Patel	Evaluation of “R” factor for Framed and Shear wall RCC Structure
51	Miss Pooja Bargal	Evaluation of effect of change temperature on RCC building
Academic Year 2016-17		
52	Ajinkay Rangari	Evaluation of Response reduction factor of existing RC Building
53	Suraj Mehra	Non-Linear Dynamic Progressive Collapse Analysis of Steel Building under accidental load as per GSA guidelines
54	Abhishek Deolekar	Evolution of Response Reduction factor for existing steel Building
55	Jayant Mahore	Evolution of Response Reduction factor for elevated water tank.
Academic Year 2017-18		
56	Amol Narayan Wagh	Analysis of Damping system for R. C. C. Buildings with Irregularities Using Viscous Dampers.



57	Parth N.Movaliya	Analysis and design of pile raft foundation with precast pre-stressed pile.
58	Saket S. Bhatewara	Comparative study of methods of distribution of damping constant of Fluid Viscous Damper for RCC building.
59	Maaz Asimlqbal Khalifa	Push Over analysis of steel structures
60	Himanshu Nimbalkar	Parametric Study of Skew Bridge
Academic Year 2018-19		
61	Kunal Shah	Push over analysis of Framed Building with transfer Girder
62	Abhishek Chawan	Push over analysis of Shear wall Building with transfer Girder
63	Renuka Deshmukh	Non-Linear Static Analysis of High-Rise Building with soft storey
64	Sunil YadaV	Push over analysis of RC frame building with core shear wall
Academic Year 2019-20		
65	Himesh Patel	Buckling Analysis of Arch
66	Shardul Patkar	Performance based assessment of Reinforced concrete structure with vertical irregularities
67	Raj Ghavane	Performance based assessment of reinforced concrete structure with shear wall
68	Sneha Matani	Performance based assessment of reinforced concrete structure with moment resisting frame.
Academic Year 2020-21		
69	Chirag Jain	Performance Based Seismic Design of Steel Structure with Irregularities
70	Kunal Tambe	Seismic Fragility Analysis of RC structure
71	Utkarsha Kumbhar	Performance Based Design of existing RCC Structure using Nonlinear Time History Analysis
72	Aditya Lomate	Wind Analysis of Building using Computational Fluid

		Dynamics
73	Tejjas Kulkarni	Seismic Performance Evaluation of Tall Building with Crescent Shape Bracing
74	Pranali Kamble	Redundancy Analysis of steel truss bridge
75	Sachin Dighe	Dynamic Response Control of Tall structures using passive Dampers
Academic Year 2021-22		
76	Tejas K. Keluskar	Parametric study on length of plastic zone in reinforced concrete shear wall under reversed cyclic loading
77	Sujaysingh K. Rajput	Effect of outrigger system on performance of high-rise building
78	Yash Chiraniya	Performance based seismic evolution of RCC framed structures
79	Samkit Shah	Progressive collapse assessment of framed RC building according to GSA guideline
80	Sushant Kanake	Seismic response of open ground multistorey building retrofitted with infill wall, shear wall and steel bracing.
Academic Year 2022-23		
81	Rushikesh R. Dahale	Progressive collapse of vertically irregular building
82	Swaroop Patil	Comparative study of RC S-curve bridge girder using numerical method
83	Jyoti Patil	Analysis of offshore floating wind turbine for Indian ocean condition
84	Abdul Rehman Thim	Nonlinear static analysis of tubular structural system
85	Maroti Wagalgave	Analytical investigation of cold formed steel for gravity and lateral load
86	Avdhut C. Nimbalkar	Analysis of structural behavior of castellated steel beam using finite element analysis
Academic Year 2022-23		
87	Prathamesh P. Dalvi	Design and Analysis of Innovative tubular Bridge Pier
88	Muhammad Khizar	Design and Analysis of Innovative Structural System for Super Slender Tall Structure
89	Alpesh Gurunath	Design and Analysis of Innovative Structural System for

		Super Tall Buildings
90	Gaurav Patil	Design and Analysis of Double decker Cable stayed Bridge
91	Salman Lakhani	A Compressive Study of Bracing Systems for Retrofitting of Existing Buildings Subjected to Lateral Loads.
92	Umesh Maske	Performance of Cold Formed Steel under Different Loading Condition.

b) Fellow/Sr. Member/Member of Professional Bodies

<b>Membership of Technical Societies:</b>			
<b>Sr.No.</b>	<b>Name of the Society</b>	<b>Membership Number</b>	<b>Period</b>
	<b>International</b>		
1	Earthquake Engineering Research Institute, Oakland CA	14925	Annual
2	American Concrete Institute, USA	No Number	Annual
3	Council for Tall Buildings and Urban Habitants, Chicago, Illinois	No Number	Annual
	<b>Indian</b>		
1	Indian Society of Structural Engineering	LM2286	Life Membership
2	Indian Concrete Institute	M13738	Life Membership
3	Indian Geotechnical Society	1189	Life Membership
<b>Details of Published Books / Book Chapters</b>			
<b>Sr. No.</b>	<b>Title of the book / book chapters</b>	<b>Name of the publisher</b>	<b>ISBN</b>
1	Performance Based Seismic assessment of Reinforced Concrete Structure (2023)	Apex Publication	9789392193316
	<b>Patent Published</b>		
2	Water fetching device to reduce the burden on rural Area	Intellectual Property India	202121045465 (Application No)

**Details of funded research/developmental projects for min. Rs. 5 Lakhs and above (Completed / in-Process)**

**A) Research Project**

S.No	Title of Project	Project Value (Rs. In Lakh)	Granting agency	Date of Start	Date of Completion
1	Performance of silica fume and nano silica modified high strength concrete at elevated temperatures due to boiling water- an analytical and experimental study.	6,28,000	TEQIP	August 2014	June 2015

**B) Laboratory Development Project**

S.No	Title of Project	Project Value (Rs. In Lakh)	Granting agency	Date of Start	Date of Completion
1	Development of computing facilities in Structural Engineering Department computer Lab	20,00,000/-	Roma Builders Pvt. Limited	June 2019	Dec 2020

**C) Infrastructural Development Project**

S.No	Title of Project	Project Value (Rs. In Lakh)	Granting agency	Date of Start	Date of Completion
1	Construction of Girls Hostel at VJTI	236	State Government	January 2011	June 2016
		200	AICTE (SC/ST Students Hostel Grant)	February 2013	June 2016
		600	VJTI	January 2011	June 2016
2	Multipurpose Complex	4300	VJTI	Approval Stage	Ongoing
3	Construction of PG Hostel	3452.4	State Government of Maharashtra	Responsible for submission of proposal, follow-up and getting administrative approval of grant	

**D) Details of the Consultancy Project**

Sr. No	Name of the Company and Title of Project
1	M/S Richa Realtors Pvt.Ltd Proof Checking of Structural Design and Drawing for two ten storied R.C.C Building in Mumbai
2	M/s Maharashtra Steel Fabrications and Erections Proof Checking of Structural Design and Drawing for two Foot Over Bridges of span 24 and 16 m at Lonawal
3	M/S NICCO Corporation Limited Proof Checking of Structural Design and Drawing for D <sub>2</sub> O up gradation Plat for Tarapur Atomic Power Plant Stage III and IV

4	M/S Gammon India Limited Proof Checking of Structural Design and Drawing for Condenser Cooling Water and Auxiliary Services Water Pump House for Tarapur Atomic Power Plant Stage III and IV
5	M/S Executive Engineer M.T.N.L Proof Checking of Structural Design and Drawing for Space Frame Structure for Telephone Exchange Building in Bandra Kurla Complex, Mumbai
6	M/S Kalyan dombivali municipal corporation Proof Checking of Structural design of indoor stadium at Kalyan
7	M/s Vergola India Proof Checking of Structural design and site inspection of space frame canopies at Bandra Kurla Complex. Mumbai.
8	M/S NABARD and Gogerj& Boyce. Testing and detailed Visual inspection of workstations.
9	M/S McDermott Dalal Consultant. Proof Checking of Structural design of culverts and road side retaining walls of various heights at Thane
10	M/S Apporva Corporation Proof Checking of Structural design of extension of existing buildibg at pl 195 (pt), Andheri (w)
11	M/S Gujrat State Petroleum Corporation Proof Checking of Structural glazing for Gujrat State Petroleum Corporation.
12	M/S Apex Consultants Proof Checking of Structural design of space frame
13	M/S Hincon Consultants Proof Checking of Structural design of G + 1 structure for office block and staff accommodation for Dog Keannel at Chatrapati Shivaji International Airport , Mumbai.
14	M/S Airport Authority of India Proof Checking of Structural Designs of various Structures in the modernization of Domestic Airport at Santacruz Mumbai
15	M/S Godrej Boyce Co.Vikhroli Proof Checking of Structural Design of Mobile Crane and Space Frame
16	M/S MSEB Dharavi Proof Checking of Stiffeners for MS pipe line
17	M/S Executive Engineer MJP Ambernath Proof Checking of Structural Design of Jack Well, Pump House
18	M/S Octamec Engineering Ltd. Proof Checking of Structural Designs of Space Frame along with foundation for Bolting Plant for

	Indian oil at Raipur, Chhatisgarh
19	M/S Sura and Associates Proof Checking of structural Designs of structure of Residential Building for MHADA
20	Dy. Chief Engineer ( Construction) Central Railway Pune Proof Checking of Structural Designs of Residential complex Type V ( 12 Unit) and Type IV (24 Unit) at Railgaon Pune
21	M/S Laxmi Civil Engineering Services Proof Checking of Structural Designs of Foot over Bridge at Miraj Railway Station
22	M/S Bohara Infrastructures Pvt Ltd Proof Checking for Structural Designs for retaining earth at Bandra
23	M/S Phiske and Associates Proof Checking of Design and drawing of Mumbara flyover on old Mumbai- Pune Road
24	M/S Mumbai Port Trust Advise regarding the Safety of Existing Quay wall
25	M/S Laxmi Civil Engineering Services Pvt. Ltd Proof Checking of Balancing reservoir for water supply Scheme to Malegaon Ta. Baramati
26	M/S Laxmi Civil Engineering Services Pvt. Ltd Proof Checking of Balancing reservoir for water supply Scheme to Sangvi Ta. Phaltan
27	M/S Ramkhy Infrastructures Pvt. Ltd Proof checking of 80 MLD Sewage Treatment Plant at Navi Mumbai
28	M/S Ram Builders Proof Checking of Cast in Situ R.C.C box drain of size 5m x 3.5 m for B.M.C
29	M/S ACDC Pvt.Ltd Proof Checking of Industrial Shed at Navi Mumbai
30	M/S Naval Dockyard Proof Checking, Load Test and condition Survey of their existing building at Mumbai
31	M/S Navi Mumbai Municipal Corporation Prof Checking of ESR and Structures for laying pipeline for water supply Scheme at Navi Mumbai
32	M/S Ashray Developers, Malad (East) Proof Checking and condition survey of existing R.C.C building at Malad
33	M/S Maharashtra Jeevan Pradikaran Proof Checking of Structural Steel Truss Pipe Over Bridge near Vasai
34	M/S Airport Authority of India Proof Checking of Structural Designs of various Structures in the modernization of Domestic Airport at Amritsar

35	M/S Kalpataru Enterprises Proof Checking of Designs and Structural Feasibility for removing floating columns for proposed Existing Structure
36	M/S Army Welfare Housing Organization,Pune Proof Checking for residential complex at Hadapsar
37	M/S Mahimtura Consultant Pvt Ltd. Proof Checking of proposed bank building at Bandra ( East)
38	M/S Hiten Sheti and Associates Proof Checking of Structural Design of Proposed head office at sector 15A at Vashi
39	M/S ACDC Pvt. Ltd Proof Checking for Proposed industrial Shed for warehouse at Bangalore
40	M/S Computer Help, Mumbai Proof Checking of Proposed Hanger for storage ACCN(MO) for new aircraft at NSD, Vaco,Goa.
41	M/S Bank Of India Proof checking of Bank's 2 <sup>nd</sup> corporate office building at plot No. C-4, G Block, Bandra kurla Complex.
42	M/S Crompton Groves Pvt. Limited Static and dynamic Analysis of Transformer
43	M/S Executive Engineer III SRA Bandra(E) Proof Checking of Structural design of Transit Camps at Santacruz
44	Mr. Ulhas Pagnis Proof checking and structural stability of proposed SRA scheme Boravali
45	M/S Akkar Consultant Pvt.ltd Proof Checking of 8 staff quarters at Okkha
46	M/S ATDC Associates Proof Checking of industrial shed at Chennai
47	M/S Lokhandwal Builders Proof checking and load test on their SRA building at worli
48	M/S Designers consultant Services Pvt. Ltd Proof Checking of Prov of 60 x 60 m Hanger at Santacruz Mumbai
49	M/S Shree Gajraj Housing Nirman Pvt. Ltd Proof Checking of SRA Scheme on plot bearing CTS N0 629(pt) of Village Bandra at Kherwadi Bandra( E)
50	M/S Aakar Consultant Pvt. Ltd Proof Checking of HQ Building at Goa for Navy ( Ministry of Defense)
51	M/S Designers consultant Services Pvt. Ltd

	Proof Checking of Prov of 40 x 120 m Hanger for navy
52	M/S Swastik Corporation Pvt. Proof Checking of Design Calculation and drawing of Balancing reservoir at Jalichi Taluka Baramati
53	Mrs Rajeev Gupta Proof Checking of Design calculation and drawing for Dockyard apprentice school at park C sewri, Mumbai
54	M/S Gurunanak Developers Pvt ltd. Proof Checking of design calculation and drawing for Sarvodaya CHS at Bandra
55	M/S C.W.E ( N.W) Navy Nagar Colba Proof Checking of design calculation and drawing for pedestrian crossing (Skywalk) at Navy Nagar.
56	M/S Amikrupa Land Developer Pvt. Ltd. Proof Checking of Design Calculation and drawing for SRA Scheme on plot bearing CTS no p421 of village Bandra ( E)
57	M/S Procem Consultants Proof Checking of RCC slab Bridge across nallah in Dubebang, Badlapur City
58	Mr Ulhas Pagnis (Architect) Proof Checking of Design Calculation and drawing for SRA Scheme on plot bearing CTS no part of 372 F.P no Part of 518,521,522,523 TPS III, R/C ward, Eksar Village , Taluka Boravili.
59	M/S Aakar Consultant and Infrastructure Developers Proof Checking of Design Calculation and drawing of G.A mess including deficient single Officers accomadation at Goa for Navy Nagar
60	M/S Rajendra Pagnis Proof Checking of Design Calculation and drawing for SRA Scheme on plot bearing CTS no 3439 (pt), Lal Donger, M/W ward, Sion –Tromby Road, village Chembur, Taluka Kurla
61	M/S Ajay Construction pvt. Ltd Proof Checking of RCC Nalla for MIDC Mhape Navi Mumbai
62	M/S Grace Estate Builders Proof checking and structural stability of proposed SRA scheme on plot bearing CTS No 511(pt), D.N cross road Andheri ( W) Mumbai 400058
63	M/S Balaji Construction Proof checking and structural stability of proposed SRA scheme on plot bearing CTS No 36 and 36/1 to 12 at village Kandivali, Borsa pada, Kandivali.
64	M/S Omkar Realtors and Developers Proof checking and stability of temporary Transit Structure on plot bearing 617(pt) T.P.S No IV



	Mahim division, Senapati Bapat Marg, Eliahinstone Road Mumbai -13
65	M/S Kalyan Dombavi Municipal Corporation Proof Checking of Structural Design for the work of construction of sky walk at Kalyan
66	M/S Savala and Associates Proof Checking of Design Calculation and drawing for SRA Scheme age Ghatkopar –Kirol
67	M/S Aquahem Envira Associates Proof Checking of Proposed Water Treatment Plant for MIDC Solapur.
68	M/S Kalyan Dombavi Municipal Corporation Proof Checking of Proposed Road Over Bridge at K.M 54/18-19 in lieu of level crossing gate NO 1-A between Kalyan and Vitthal Wadi Sations
69	M/S Omkar Realtors and Developers Proof Checking of SRA Scheme on plot bearing F.P No.569 (pt) T.P.S No IV, Mahim Division, Masjid Gully,Dadar (W), Mumbai 400028
70	M/S Darshan Construction Proof Checking of Proposed Sale wing –C of composite Builing no 2 on SRA Scheme on plot bearing C S No 1(pt) nad 2(pt) of Lower parel Division at J.R Boricha Marg, Sat Rasta for Adarsha Nagar, Ekta Samata Janta CHS Ltd.
71	M/S Ullhas Pagnis and Associates Proof Checking of proposed SRA Scheme on plot bearing C.T.S No 629 (Pt.), H/E Ward, village Bandra (East) Mumbai -400051 for Shastri Nagar Rahiwashi S.R.A Sahakari Griha Nirman Sansta (Ltd.)
72	M/S Executive Engineer CPWD Proof Checking of Structural Design of Proposed Panjab National Bank at BKC Mumbai.
73	M/S Everest Industries Proof Checking of Structural Design of Pre- Engineered Building for DMFA at Taloja Navi Mumbai
74	M/S Nelco Enterprises Proof Checking of Structural Design of Electric Fence used in Border in India
75	M/S Laxmi Engineers Proof Checking of Balancing Reservoir at Baramati
76	M/S Tata Housing Company Proof Checking of Low Cost Housing Project of R.C.C Building at Boisar, Mumbai
77	M/S MSBPCR, Balbharti Pune, Proof checking and comments on Steel Consumption for book depot at 10, Udyog Nagar Goregoan (West), Mumbai.
78	M/S Secretary, Sahyog Co-op housing Soc.

	Proof checking of Structural Design of Extended part of the structure at Chunabhati, Dhisar (E), Mumbai
79	M/S Chief Executive Officer, Kulgaon Badlapur Municipal Corporation Proof Checking of Structural Design of Proposed Municipal Market on plot Bearing S.No 37 at Village Kulgaon, Tal. Ambarnath, Dist Thane .
80	M/S Executive Engineer, MJP, Ambarnath Proof Checking Of Structural Design Proposed 2 ML Capacities ESR at Badlapur.
81	M/S Omkar Realtors and Devlopers Proof Checking and NDT at Samarth Nagar, Sahaniwas SRA CHS at Vile Parle Mumbai -400057
82	M/S Dosti Corporation Proof Checking of Structural Design of Dosti Vihar Thane
83	M/S Sanjay Udamale and Associates Proof Checking of Various RCC Structure for Navy
84	M/S Executive Engineer MIDC Andheri Proof Checking of Structural Design of Fire Station at Andheri
85	M/S Dhume and Associates Proof Checking of Strcutural Design of R.C.C Buildings for Army at Pune
86	M/S Kalyan Dombavi Municipal Corporation Proof Checking of Structural Design for the work of construction of sky walk at Kalyan
87	M/S Executive Engineer Naval Dockyard Navy Proof Checking of 10 T EOT Crane at SBS Naval Dockyard for Navy, Mumbai.
88	M/S Kalyan Dombavi Municipal Corporation Proof Checking of Structural Design for the work of construction of Sub Way at Kalyan
89	M/S Designers consultant Services Pvt. Ltd Proof Checking of various RCC and Steel Structures for Navy Mumbai
90	M/S Navi Mumbai Municipal Corporation Proof Checking of Structural Design for the work of construction of sky walk at Bonkade.
91	M.S Das Offshore Pvt.Ltd Proof Checking of Structural Design for the work of construction of sky walk at Airoli Navi Mumbai
92	M/S Executive Engineer Naval Dockyard Navy Proof Checking of 5 T EOT Crane at SBS Naval Dockyard for Navy, Mumbai.
93	M/S Sonawane Architect Proof Checking of Various RCC Structure for Navy
94	M/S Vijay Associates Proof Checking of Structural Design of Ground +2 podium +26 Upper floors RCC building at

	Andheri.
95	M/S Bhohe and Associates Proof Checking of RCC commercial building at Andheri for MHADHA.
96	Mr. Keyur Doshi Proof Checking of Structural Design and Drawings of Space Frame at Rajgrah
97	Mr. Munaf Vadgama Proof Checking of Structural Design and Drawings of ROB at Lasalgaon
98	Mr. Jayshil Patel Proof Checking of Structural Design and Drawings of Sammer Kharghar
99	M/S Crystal Pride Proof Checking of Structural Design and Drawings of RCC building at Oshiwara
100	Mr. Raju Khetwani Proof Checking of Structural Design and Drawings of MMRDA building at Thane
101	Mr. Keyur Doshi Proof Checking of Structural Design and Drawings of Mandal Road check post
102	M/S Moreshwar builder Proof Checking of Structural Design and Drawings of ROB at Kalyan
103	M/S Mahendar Kanungo Proof Checking of Structural Design and Drawings of MMRDA building at Byndyar
104	M/S Jai Ganesh Ispat Goa Proof Checking of Structural Design and Drawings of bench mark Building by using Fe 415 and Fe500
105	M/S Kailashchandra Dilipkumar Proof Checking of Structural Design and Drawings of Pavement design
106	M/S Vivek Garg Proof Checking of Structural Design and Drawings of steel road bridge at Anantpur Punjab
107	M/S Shivalik Ventures Proof Checking of Structural Design and Drawings of Rehab Building at Santacruz
108	M/S Cheda and Cheda associates Proof Checking of Structural Design and Drawings of Thane.
109	M/S Omkar Relators Proof Checking of Structural Design and Drawings of RCC building at Malad
110	M/S Neelkanth Ghanwat Proof Checking of Structural Design and Drawings of drawings of RCC Building at Malad
111	M/S Vikas Dhavale Proof Checking of Structural Design and Drawings of RCC Bridge on Surya river

112	M/S Composite Combine Proof Checking of Structural Design and Drawings of ROB at Bableshwar Junction
113	M/S VGS Relaty Construction Proof Checking of Structural Design and Drawings of SRA Building at Goregaon
114	M/S S.L Gundla Proof Checking of Structural Design and Drawings of Nalla work for MUTP
115	M/S Executive Engineer KDMC Proof Checking of Structural Design and Drawings of Nalla work for Kalyan
116	M/S Fair wood Proof Checking of Structural Design and Drawings of extension of JJ Hospital at Byculla
117	M/S Chandresh Makhija Proof Checking of Structural Design and Drawings of Tensile Dome at Gujrat
118	M/S Vinita Estate Private Limitd Proof Checking of Structural Design and Drawings of Public Parking Building at Borivali
119	M/S Kalpataru Limited Proof Checking of Structural Design and Drawings of Public Parking Building at Parel
120	M/S Vimal Associates Proof Checking of Structural Design and Drawings of Rehab Building at Jogeshawari
121	M/S Vivek Garg Proof Checking of Structural Design and Drawings of Fabric Structure at Dehardun
122	M/S Thane Municipal Corporation Technical Investigation of Collapse of Krishna Building.
123	M/S Hiten Sheti Architect Proof Checking of Structural Design and Drawings of fire station complex for NMMC
124	M/S CPWD Proof Checking of Structural Design and Drawings of Income Tax Building at Panvel
125	M/S Neelkamal Realtors Proof Checking of Structural Design and Drawings of Orchid Enclave Building at Mumbai.
126	M/S KDMC Proof Checking of Structural Design and Drawings of Sky walk at Kalyan(West)
127	M/S foremost Relators pvt ltd ( Omkar) Proof Checking of structural Design and Drawing of Poposed S.R Scheme on plot bearing C.T.S No 7643(pt), 7643/1(pt), 7643/2(pt), 7643/3(pt), 7616(pt) and 4207(pt) of village Kole Kalyan, Near Bharat nagar, H/E ward of MCGM, Bandra (e), Mumbai – 400051 for Dr. Babasaheb Ambedkar Nagar CHS (prop)

128	M/S Crystal Star Housing Developers Report on Verification of Location of Building No. 86, Known as Shyam Kunj situated on the Plot Bearing C.S. No. 3/291 of Malbar Cambala Hill Division, in 'D' Ward, Walkeshwar Road, Mumbai – 400006 from Viewing Gallery of Kamla Nehru Park .
129	M/S K.D Construction Proof Checking of Structural Design and Drawing of Proof Checking of Structural Design and Drawing of Multi Span Shed at FSD Borivali
130	Space Creative Designer Proof checking of structural design and site inspection of M.S Frame at Utpal Shanghvi School Mumbai
131	M/S Larsen and Toubro limited. Stability and Durability Certificate for Pragati Tower –Phase-I (Tower A, B, and C), Mumbai Project built using Precast Large Concrete Panel (PLCP) RCC wall system by Larsen and Toubro Construction.
132	M/S Simplex Prefab Infrastructure India Limited Stability and Durability Certificate for Construction of residential project at Alibag, Maharashtra for Mahindra Lifespace.
133	Maharashtra Maritime Board Obtaining Third Party vetting to the drawings and Design of Jetty for Ro.Ro Services at Mandwa.
134	M/s Hiten Sheti and Associates Proof Checking of Structural Design and Drawings of Proposed Buildings for Civil Aviation and Research Organization (CARO) at Begumpet, Airport, Hyderabad
135	M/s M.P Prime Structures Private Limited Proof Checking of Structural Design and Drawings of 'X' Part Bounce Area of Infinity Mall, Malad (West), Mumbai
136	Executive Engineer, MMRDA, Bandra Kurla Complex Structural Audit of pedestrian under pass crossing on Eastern and Western Express Highway and North Side approach of Swami Naryan Bridge on Eastern Express Highway
137	Bajaj Steel Industries Limited Proof checking of structural design and drawing of PEB building for M/s Indian Oil Corporation Limited (IOCL) –Taljo, Mumabai
138	Executive Engineer, H Ward, Civil Department, Pimpri Chinchwad Municipal Corporation Proof checking of structural design and drawing of proposed Hospital Building at Sant Tukaram

	Nahgar, Pimpri, Pune
139	Dy. Engineer, Bandra (PWD) Sub Division No 2 Structural Audit of Government Polytechnic Bandra Building
140	M/S Pyramid Construction Company Proof checking of structural design, drawings of building construction work at Nagababa Nagar, Vashinaka, Chembur
141	Lakhani Builders and Pvt Ltd Structural Audit of Natraj CHS Ltd. Situated on Plot No 294, G Building Adjacent to HDFC Bank, Service Road, Panchpakadi, Thane (W) -400602
142	IC Infra Project Pvt Ltd Proof checking of structural design and drawing of proposed ESR, SUMP/GSR, Pump House structures of “Water Supply Scheme for 27 Villages re included in KDMC, Under AMRUT MISSION, Tal.Kalyan, Dist Thane”
143	Water Supply Department Kalyan Dombivali Mahanagar Palika Structural Audit of Elevated Storage Reservoir under KDMC and Mohane – Barve Raw Water Pipe Line on Waldhuni Bridge
144	Nashik Municipal Smart City Development Corporation Ltd Proof checking of structural design and Drawing of RCC Structures in Nashik Municipal Smart City Development ltd Nashik
145	M/s MEPL GYAN(JV) Proof checking of Hydraulic and structural design and drawing of proposed work of Providing, Jointing and laying HDPE Pipeline for disposal of treated effluent from Ambernath, Addl Ambernath and Badlapur Industrial Area from OS-3 Ambernath Industrial Area up to Ulhas Creek
146	M/S Inderdeep Construction Co Proof Checking of structural design and drawing of proposed community center on plot no 03, sector-19 in Panje Village under GIA scheme at Donagiri
147	Executive Engineer, MMRDA, Bandra Kurla Complex Consultancy services for Repair and Rehabilitation of Green Nallah along Western Express Highway between Kalanagar to Kherwadi Junction
148	Mr. Pares H Madhani Proof Checking of structural design and Drawing of Lift Structure for Western Railway.
149	Advisor (Co-ordination), MMRCL Proof checking of structural design and drawing of proposed Rehab High Rise Building for Kalbadevi and Girgaon for Mumbai Metro Line -3
150	City Engineer Panvel Municipal Corporation Proof Checking of Structural Design and Drawings of Mayors Bunglow at Plot No 151, Sector-21,

	Kharghar Node in PMC area
151	M/s Libra Associates Proof Checking of Structural Design and Drawings of 1) Approach Road Pavement Design for Grade Separator 2) RE Wall Design for Grade Separator 3) Two minor Bridges located at Ch 0+822 and Ch 1+632
152	N.A Construction Pvt.LTD Proof Checking of Structural Design and Drawing of Akurli Subway for MMRDA
153	Project Manager, HCC-MMS Joint Venture Proof Consultancy and vetting of structural audit and repairing methodology of Rajshila Building at Kalbadevi Metro station (Mumbai Metro Line 3- Colaba Bandra SEPZ corridor)
154	Grasim Industries Limited ,Chemical Division Karwar Proof Checking of structural design and drawing of fertilizer plant at Karwar
155	M/S - Shanghvi & Associates Consultants Pvt. Ltd Proof Checking of Structural Design and Drawings of Manufacturing and Testing Facility Building at Turbe, Mumbai for WAB India
156	Engineering DivisionMMRDA, Bandra Kurla Complex Proof check the measurement and estimate of Emergency work of Bandonagri Hill along WEH Kandivali Mumbai
157	M/S Crystal Construction Corporation Proof Checking of Structural Design and Drawings of proposed Building at Plot 'B' bearing C.S No 335 of Dharavi Division
158	M/S Ashwini Infra developments PVT.LTD Proof Checking of Structural Design and Drawings of Foot Over Bridge at Patani Road Digha, Navi Mumbai
159	Executive Engineer Mech (Sew.)B.Z. Municipal Corporation of Greater Mumbai Third party audit for the work of "Repairing, Overhauling, Testing and Commissioning of 10T EOT crane, 5Ton EOT and 10Ton HOT cranes of Bandra influent Pumping Station" of Municipal Corporation of Greater Mumbai
160	M/s H. V. Construction Proof checking of Structural design and drawings of proposed culvert at Vikhroli Railway Station of R. O. B. in Lieu of L. C. 14 - C at Vikhroli Railway Station
161	M/s L.T Patil & Sons Proof checking of structural design and drawing of proposed School Building at Kopar Village Ulwe Node under GIA Scheme
162	Executive Engineer, H Ward, Civil Department, Pimpri Chinchwad Municipal Corporation Proof checking of structural design and drawing of proposed Morchury building for YCM

	Hospital at Sant Tukaram Nahgar, Pimpri, Pune
163	Director, Kotibhaskar Infrastructure and Developers Pvt.ltd Proof Checking of Structural Design and Drawings of PMAY Project at Hadpsar Pune
164	Executive Engineer, Kurla Division/MB, Griha Nirman Bhavan, Kalanagar Proof checking of structural design and drawing of proposed redevelopment of existing Tilak Nagar Samaj Mandir Hall at Plot bearing C.T.S No 18. (pt) and 18/2 Village Chembur, Chembur, Mumbai, M/W ward
165	Hydraulic Engineer, Water Supply Department, Kalyan Dombivali Mahanagar Palika Structural Audit of Netivali Water Treatment Plant at Hill lock in Netivali, Kalyan
166	City and Industrial Development Corporation of Maharashtra Limited Proof Consultancy for the structural design and drawing of proposed construction of bridge on Devgiri River along 18 m wide road at outside growth center Nagar-I CIDCO- Walunj Mahanagar
167	Executive Engineer, Building and Factory Department, MCGM , Structural Audit of Building Known as” Manorama Sadan” Dr. Charat Singhj Colony Road, Chakala, Andheri (East)
168	Becquerel Industries Pvt. Ltd Proof Checking of Geotechnical Soil Investigation report against execution of work for Kalayan Dombivali Municipal Corporation
169	RKE Builders and Developers Proof Checking of Structural Design and Drawings of Proposed Commercial cum Residential Building Apartments on C.T.S No 160/A/3, 162, 162/1 to 7, 165 , 165/1 to 64 vii Malad at Jakeriya Road, Malad (W) Mumbai 40064
170	M/S. B.R. Thakur Proof Checking of Structural Design and Drawings of Proposed ESR. GSR, Pump House and Allied Works under GIA scheme for Kharkopar Village at Ulwe, Navi Mumbai
171	Mrs. Sonal Subhash Kinare Structural Stability Certificate of “Shri Sai Ashirwad (Part –A)” on land bearing Tika no. 15, C.T.S. no. 48, Village- Thane City, Taluka and District Thane, Ghantali Devi Road, Thane (West)
172	Assistant Manager, Premises Vertical, SMALL INDUSTRIES DEVELOPMENT BANK OF INDIA Structural Audit SIDIBI officers Residential Building at Vashi
173	Mr Rajesh Shah, CSE Consultants Proof checking of structural Design and Drawings of 1.) School Building on Plot No 25, Sector 15, Ghansli 2) School Building on plot No 13, Sector 50, Nerul 3) Market on Plot No P-16 Sector 14, Kulshet, Nerul
174	J.M Mhatre Infrastra Pvt Ltd.



	Investigation and Testing of the Pre-cast girders to be used in superstructures for Balance work for 4-Laning of Fagne- Mah/Guj Border (Package –III) Section of NH-6 in the State of Maharashtra from Km 510. To Km 650.794 to be executed on EPC mode under Bharatmala Pariyojna
175	National Construction Proof checking of the structural design and drawings of C/o 0.125 Unit Dormitory and 0.375 Units Girls Dormitory with 2 Nos Warden Residence at Jawahar Navodaya Vidyalaya (JNV) at Palghar.
176	Harsh Construction Private Limited Proof checking of structural Design and Drawings of Subway Work at Hatkangle, Kolhapur for central railway, Miraj Section, Pune division under Sr.DEN/South, Pune
177	MAFCO Market, Premises CHS Ltd. Structural Audit of Type ‘A ( 28 Shops )’, ‘B (08 Shops)’ and ‘C (5o Shops) ’ Buildings, Chowthara (156 Nos) and Pedi (72 Nos) in MAFCO Market Premises CHS Ltd situated at Plot No 796, Sector-18, Thurbhe, Navi-Mumbai-400703
178	Office of the PM(MAP) Navy & AF, Naval Dockyard, Mumbai 400 001 Structural Audit 1) 14 DU stilt +3 Airmen Block 2) 20 DU Stilt +5 JWO Block 3) 20 DU Stilt + 5 Airmen Block at Mumbai for Indian Navy and Indian Airforce and Material Testing i.e TMT bars
179	Engineering Division, MMRDA, Bandra Kurla Complex PMC for work of Stabilization and Mitigation of Landslide area between KM 510/005 to 510/095 below TOI building on Western Express Highway, Bandongri Hill Kandivali, Mumbai
180	Mr D.M. Honrao Structural Audit of your building named “Shrama-Safalya” Situated on N.G. Acharya Marg, Adjacent to Chembur Rly. Station, Chembur (E), Mumbai 400071
181	Executive Engineer, Building and Factory Department, Room No 106, MCGM
182	Structural Audit of “Shreerang Shawas” Building, Nehru Road, Vileparle (East) Mumbai - 400057
183	M/s. Liladhar Parab Architect & Designers Structural Audit of Building known as “Sankalp Co-operative Housing Society Ltd.” on Plot No. 1, Sector No. 23, Kopar Khairane, Navi Mumbai, Navi Mumbai
184	Executive Engineer (Dron-II), CIDCO Nodal Office, Sector- 14 Proof Checking of Hydraulic and R.C.C Structural Design and Drawings of 3MLD Capacity Sewage Pump House (SPH) on Plot NNo 4A in Sector -11 up o STP in Sector 15 A at Dronagiri, Navi Mumbai
185	M/S Kulkarni & Co (JV) Proof checking of structural design and drawings of R.C.C. storm water drain for redevelopment of residential colony at MIDC Thane
186	J.M Mhatre Infrastra Pvt Ltd. Proof Checking of Structural Design and Drawings of ROB (over Railway Crossing) at Chainage

	522 +286 for Balance work for 4-Laning of Fagne- Mah/Guj Border (Package –III) Section of NH-6 in the State of Maharashtra from Km 510. To Km 650.794 to be executed on EPC mode under Bharatmala Pariyojna
187	Chief Officer, Ambarnath Municipal Council Proof checking of structural design and drawings of Proposed Auditorium on Reservation No 98 in Ambarnath Municipal Council
188	City Engineer, Bhiwandi Nizampur City Municipal Corporation Third Party Quality Audit of construction of “Urban Collective Health Centre” in B.G.P Hospital Premises under Bhiwandi Nizampur City Municipal Corporation National Health Mission
189	Office of the Executive Engineer, EE(Pune)-I CPWD, Nirman Bhawan, Mukund Nagar Proof Checking of Structural Design and Drawings of construction of hanger including development facilities of hydraulic model of Kalpasar Dam Spillway with downstream wave basin including water pumping system at CWPRS, Khadakwasla, Pune
190	Executive Director, Ajaydeep Infracon Pvt.Ltd Proof Checking of Structural Design, Drawings and Bill of Quantity as per tender norms for construction of Bhoomiputra Bahvan on Plot No 8, Sector 19 A at Ulwe Node, Navi Mumbai

<b>Details of Experience of Working with International Bodies, Participation in Workshops, Seminars, and Conferences held Outside Country:</b>			
<b>SN</b>	<b>Activity</b>	<b>Place</b>	<b>Year</b>
<b>International Conferences: Attended/Presented the Research Papers</b>			
1	The 14 <sup>th</sup> World Conference on Earthquake Engineering	Beijing, China	12-17 October 2008
2	7th International Conference on Thin-Walled Structures	Busan, Korea.	28 September – 2 October 2014
<b>International Conferences: Attended/Presented the Research Papers by Co-Authors</b>			
3	Fifth international conference on thin wall structure	Brisbane, Australia	18- 21 June 2008
4	International Conference on High Rise Tower and Tall Building 2010	Munich, Germany,	14-16 April 2010

5	Sixth international conference on thin wall structure,	Timsoara, Romania,	5-7 September 2011
6	International Conference, EUROSTEEL 2011,	Budapest, Hungry,	31 August -3 September 2011
7	The 15th World Conference on Earthquake Engineering,	Lisbon	24-28 September, 2012
8	7th International Conference on Coupled Instabilities in Metal Structures (CIMS 2016),	Baltimore, USA,	7-8 November 2016
9	Eighth International Conference on Steel and Aluminum Structures,	Hong Kong, China,	7 – 9 December 2016

<b>Details of Experience of Working with International Bodies, Participation in Workshops, Seminars, and Conferences held Within the Country:</b>			
SN	Activity	Place	Year
<b>International Conferences: Organized</b>			
1	International Conference on Environmental Sustainability (ICES-2023)	VJTI, Mumbai	16th -17th March 2023
<b>International Conferences: Attended and Presented the Research Papers</b>			
2	Third Structural Engineering World Conference,	Banglore, India,	27 October- 3 November 2007
<b>International Conferences: Attended/Presented the Research Papers by Co-Authors</b>			
3	An International Conference Innovative World of Structural Engineering-ICIWSE-2010	Aurangabad, Maharashtra,	September 17-19, 2010
4	International Conference on Modelling, Simulation and Optimization (COMSO) 2020	NIT Silchar (Online)	3-5 August 2020
5	12th Structural Engineering Convention, SEC 2022,	Malaviya National Institute of Technology Jaipur	19-22 December, 2022,
6	International Conference on Smart Technologies for Energy, Environment and Sustainable Development (ICSTEESD-20)	Nagpur	4-5 December 2020
<b>Workshop/STTP/FDP Organized</b>			
7	One Week STTP Under TEQIP-II on “Performance-Based Design of Structures”	VJTI Mumbai	22 <sup>nd</sup> to 26 <sup>th</sup> March 2012
8	Two Week STTP Under TEQIP-II on “Performance-Based Design of Structures”.	VJTI Mumbai	10 <sup>th</sup> to 21 June 2013
9	Four Week Finishing School Under TEQIP-II On “Soft Skill Development and Software Application in Structural Engineering”	VJTI Mumbai	18 <sup>th</sup> May to 12 <sup>th</sup> June 2015

10	One Week FDP under QIP on “Matrix Method of Structural Analysis”	VJTI Mumbai	23 <sup>rd</sup> January – 28 <sup>th</sup> January 2018
<b>Workshop/STTP/FDP Attended</b>			
11	One week workshop on “Structural Steel Design for University Faculty”	IIT Mumbai	18th June 2001 to 23rd June 2001
12	Four-week course on “Internet Technology”	VJTI Mumbai	02 <sup>nd</sup> Dec 2002 to 28th Dec 2002
13	Four-week course on “E-Commerce and Industrial Finance”	VJTI Mumbai	14 <sup>th</sup> November 2003 to 12 <sup>th</sup> Dec 2003
14	Two Week Course on “Earthquake Engineering and Risk Mitigation” .	IIT Mumbai	4th July 2005 to 16th July 2005
15	Two Week Course on “Structural Dynamics – Application to Earthquake Engineering”	IIT Mumbai	3rd July 2006 to 14th July 2006
16	Seven Saturday Faculty Development Program under TEQIP on “Build People to Build the Institute”	VJTI Mumbai	1 <sup>st</sup> September 2008 to 3 <sup>rd</sup> November 2008
17	One-week Short Term Training Programme on “Basic of Matrix and finite Element Analysis of Structures (BMFEAS 2009)”	IIT Madras	5 <sup>th</sup> to 10 <sup>th</sup> October 2009
18	Three days Course at IIT organized by VJTI on “Pathways to Leadership” 2010.	IIT Mumbai organized by VJTI	2010
19	Two days work shop on “Application of Finite Element Method to Strcutural and Geotechnical Problems”	VJTI Mumbai	20 <sup>th</sup> ,21 <sup>st</sup> January 2011
20	Visit to Government College of Engineering Ajmer on 6 <sup>th</sup> To 8 <sup>th</sup> February 2018 to Initiate the twining mechanism and further planning of TEQIP-III activities.	AJMER, Rajasthan	6 <sup>th</sup> To 8 <sup>th</sup> February 2018
21	4 <sup>th</sup> World Summit (WOSA-2018) organized by NBA	New Delhi,	7 <sup>th</sup> To 9 <sup>th</sup> September 2018
22	Interaction meeting with Brazilian delegation of Vice Chancellor and Principals on	Delhi	9 <sup>th</sup> May 2019
23	Third Joint Review Mission Meeting Organized by AIU, MHRD, TEQIP, AICTE	Delhi	1 <sup>st</sup> October 2019
<b>Workshop/STTP/FDP Contributed/Attended as faculty member of Department</b>			
24	One-week STTP on “Damage Assessment and Repair Methodology for RCC Structures”	Civil and Structural Engg. Dept, VJTI Mumbai	9 <sup>th</sup> to 13 <sup>th</sup> January 2012
25	One Week AICTE approved Short Term Training Programme (STTP) on “Application of Finite Element Method in Civil Engineering”	Structural Engineering Department, VJTI Mumbai	16 <sup>th</sup> to 20 <sup>th</sup> April 2012
26	One Week FDP Under TEQIP-II on “Recent Trends In FEM And Mesh Free Analysis”	Structural Engineering Department, VJTI Mumbai	5 <sup>th</sup> to 10 <sup>th</sup> February 2013
27	One-week STTP on “Soil Structure Interaction Using	Structural Engineering	24 <sup>th</sup> to 28 <sup>th</sup> February 2014

	Computer and Realistic Constitutive Models”.	Department, VJTI Mumbai	
28	Two day work shop on “Advance Finite Element Analysis (Application to Soil Mechanics, Foundation Engineering, Fluid Mechanics and Heat Transfer)”	Structural Engineering Department, VJTI Mumbai	11 <sup>th</sup> and 12 <sup>th</sup> March 2014

**Experience of working on the Statutory Authorities/forums of a university/institute such as Board of Studies, Academic Council, Management Council or Executive Council of Board of Management, Senate, AICTE / UGC / NBA / NAAC etc.**

SN.	Institution	Statutory forum / authority and position	From	To	Total (Y/M)
1	VJTI	Member Secretary, Academic Council of VJTI	1 <sup>st</sup> September 2016	Till date	6 Years and 7 Months
2	University of Mumbai	Member BoS for Civil Engineering	2020	2022	2 Years
3	AICTE	Chairman, for committee constituted by AICTE for design and development of Model Curriculum for Civil Engineering Discipline	March 2023	Till date	Just appointed
4	AICTE	Expert in various committee constitutes by AICTE	January 2011	Till Date	11 Years
5	NBA	Expert (Civil and Structural Engineering)	October 2015	Till Date	7 Years 5 Months
6	DTE	Member for Committee appointed by DTE for Enquiry/Approval of colleges	January 2011	Till Date	11 Years
7	Thakur college of Engineering and Technology	Member BoS of Civil Engineering Department	2022	Till date	1 Year
8	VJTI	Member, Finance Committee VJTI (sub-committee of BoG)	12/08/2011	12/08/2016	5 years
9	VJTI	Member Secretary, Building and Construction Committee, VJTI (sub-committee of BoG)	12/08/2011	12/08/2016	5 years

**Awards and Recognitions:**

Sr No	Title and details of the award	Year
1	<b>National Teacher Award 2023 from President of India</b>	<b>2023</b>
	Recognitions as Subject Experts	
1	Member of the Maharashtra State Heritage committee (Appointed by MCGM)	2014-2016 and 2022 – Till Date
2	Member of Expert Review Panel (Academic Expert) for Code Exceeding High Rise Building (Appointed by MCGM)	2020- Till Date
3	Expert Member of committee for development of buildings constructed by CIDCO (Appointed by NMMC)	2021- Till Date
4	Expert Member of Committee (Appointed by MERC)	January 2023 Till Date
5	Expert Member of Development Plan of NMMC-2036 (Appointed by NMMC)	January 2023- Till Date
6	Member of the High-Rise Committee of Municipal Corporation of Greater Mumbai	2014-2016
7	Member of the High-Rise Committee of Thane Municipal Corporation	2018- 2021

#### Membership of Technical Societies:

SN	Name of the Society	Membership Number	Period
	<b>International</b>		
1	Earthquake Engineering Research Institute, Oakland CA	14925	Annual
2	American Concrete Institute, USA	No Number	Annual
3	Council for Tall Buildings and Urban Habitants, Chicago, Illinois	No Number	Annual
	<b>Indian</b>		
1	Indian Society of Structural Engineering	LM2286	Life Membership
2	Indian Concrete Institute	M13738	Life Membership
3	Indian Geotechnical Society	1189	Life Membership
<b>Successful completion of Academic leadership training programmes from IIM, IIT, AICTE, PMMMNMTT etc.</b>			
<b>For Relevant Documents: - Annexure-XIII</b>			
SN	Name of the Program	Organized by	Date
1	Management Capacity Enhancement Programme	IIM Udaipur	15-20 October 2014
2	Inspiring and Motivating Individuals	University of Michigan	May 2021
3	Leading Teams	University of Michigan	May 2021
4	Attendees and Co-ordinator for the Three days Course at IIT Mumbai organized by VJTI on “Pathways to Leadership”	VJTI Mumbai	2010

#### Any Other Information:

### Other Administrative Responsibilities handled in VJTI

Sr. No	Nature of Administrative Duties Year	Year
1	“अधिकारी, मराठी भाषा समिती” VJTI Mumbai	July 2021 Onwards
2	Care Takers for P.G students of VJTI at Government Polytechnic Bandra.	2001-2003
3	Officer In-charge for Direct Second Year Admission to Degree Courses of all Autonomous Institutes of Maharashtra State	2008-2011
4	Chairperson Social Group VJTI (Students’ Activity)	2003-2005 2010 -2012
5	Treasure Social Group VJTI	2001-2003
6	Member of First Year Admission Committee	2000-2004
7	Convener of the committee for preparation of Compliance Report and Mandatory Disclosure submitted to AICTE	2007
8	Departmental P.G Admission In-charge	2005-2008
9	TEQUIP –I Co-ordinator for Informal Networking (Institute Level)	2005-2008
10	Member of the committee for preparation of Report for Extension of Autonomy.	2010
11	Co-ordinator for faculty Interviews held in the month of September-October 2010	2010
12	Member of the Scholarship Committee	From 2008
13	Member of the Class-III and IV Promotion Committee	From 2008
14	Faculty In-charge Construction and Maintenance cell	2011

### B. Student development /welfare activities

- Scholarship from Ness Wadia foundation for AY 2018-19 onwards to the students of VJTI for their development and welfare. **(Total Amount Received till Date is Rs 1.28 Crore)**
- Donation from Mrs. Lalita Agashe for AY 2018-19 to the hostel students of VJTI (financially weak) for their development and welfare) **(Total Amount 21 Lakhs)**
- Shri Dattatraya Chintaman Dixit Award from Academic Year 2023-24 for Textile student of VJTI **(Total amount Rs 15 Lakhs).**

REFERENCES			
SN	Name	Designation	Address, mobile and email
1	Mrs. Sandra Shroff	Ex-Cahirperson, BoG VJTI	Vice Chairman UPL. Mobile No 9820039090 Email: <a href="mailto:shroffsr@uniphos.com">shroffsr@uniphos.com</a>
2	Dr. Mangesh Joshi	Ex- BoG Member VJTI	CEO, Sanrachana Structural Strengthening Pvt Ltd Thane Mobile No :9820500287 Email: <a href="mailto:mangesh.ssspl@gmail.com">mangesh.ssspl@gmail.com</a>
3	Prof. A.B Pandit	Vice Chanslor, ICT Mumbai	ICT Mumbai. Email: <a href="mailto:ab.pandit@ictmumbai.edu.in">ab.pandit@ictmumbai.edu.in</a> Mobile No: 9820211666
4	Prof. O.G Kakde	Former Director VJTI (June 2012-May 2017) Director, IIT Nagpur I/C Director IIT Pune	Director, IIT Nagpur Mobile No: 9822571618 Email: <a href="mailto:ogkakde@cse.vnit.ac.in">ogkakde@cse.vnit.ac.in</a>

5	Prof. Dhiren Patel	Former Director, VJTI, (June 2017- May 2022) and Professor, Computer Department SVNIT, Surat	Professor, Computer Department SVNIT, Surat Mob No: 9758206856 Email: <a href="mailto:dhiren29p@gmail.com">dhiren29p@gmail.com</a>
6	Prof. M.C Deo	Former Director VJTI (June 2011- May2012) Professor Emeritus IIT Mumbai	Emeritus Fellow, Ocean Engineering Civil Engineering Department, IIT, Mumbai Mob No:9820956090 <a href="mailto:mcdeo@civil.iitb.ac.in">mcdeo@civil.iitb.ac.in</a>
7	Prof. M. S. Sutaone	Vice Chancellor Professor Electronics & Telecommunication Engineering COEP Technological University Shivajinagar, Pune – 411005	Director, IIIT, Allahabad, Uttar Pradesh  Mobile No:9923560608 Email: <a href="mailto:mssutaone@gmail.com">mssutaone@gmail.com</a>
8	Prof S.G Bhirud	I/C Director, VJTI, Mumbai & Professor, Computer & IT Department, VJTI Mumbai	I/C Director, VJTI, Mumbai & Professor, Computer & IT Department, VJTI Mumbai Mobile No: 9911117297 Email: <a href="mailto:sgbhirud@ci.vjti.ac.in">sgbhirud@ci.vjti.ac.in</a> <a href="mailto:director@vjti.ac.in">director@vjti.ac.in</a>
9	Dr K.G Naraynkhedkar	Former Director, VJTI (Dec.2005 to 11 June 2011) Former Professor, Mechanical Department, IIT Mumbai	Mobile No:9167218577 <a href="mailto:kgnarayankhedkar@yahoo.com">kgnarayankhedkar@yahoo.com</a>
10	Prof V.N Gupchup	Former Principal, VJTI	Mobile No: 9820020207
11	Prof S. V Varwandkar	Former Principal VJTI	Mobile No:9820460098 Email ID: <a href="mailto:varwandkar@gmail.com">varwandkar@gmail.com</a>

Date:

**Signature of Applicant**