

Dr. S.W. THAKARE

Adjunct faculty in Civil Engineering

Govt. College of Engineering, Chatrapati Sambhaji Nagar

Bio-data



- 1. Full Name** : Sanjay Wasudeorao Thakare
- 2. Qualification** : B. E. (Civil Engineering)
M. E. (Soil Engineering)
Ph.D. (Science & Technology)
- 3. Total Teaching Experience** : 38 Years

4. Contact Information

Phone Number/ Mobile No	(M) 9823726250
E-mail Address	sanjay.thakare1964@gmail.com

5. Technical Papers / Discussions published

A. Journal Publications

Sr. No.	Title	Published in
1	Discussion of “Bottom Aeration of Stepped Spillways”	Journal of Hydraulic Engineering, A.S.C.E. (August 2008), Vol. 134, No. 8, pp 1181-1183
2	Discussion of “Inception Point and Air Concentration in Flows on Stepped Chutes Lined with Wedge-Shaped Concrete Blocks”	Journal of Hydraulic Engineering, A.S.C.E. (Octo. 2008), Vol. 134, No.10
3	Stepped-Block Spillway For Earthen Dam: A Case Study	Journal of Institute of Engineers (India), Vol. 89, August 2008, pp 28-30
4	Discussion of “Inception Point and Air Concentration in Flows on Stepped Chutes Lined with Wedge-Shaped Concrete Blocks”	Journal of Hydraulic Engineering, A.S.C.E. January 2010
5	Performance of plastic bottle Reinforced Soil	International Journal of Engineering Innovations & Research Vol. 2, Issue 3, ISSN: 2277 – 5668 Page 207 – 210 May-June 2013

6	Performance of Geotextile Reinforced Slopes of Earthen Dams	International Journal of Engineering & Science Invention e-ISSN: 2319-6734 Vol. 3 Issue 7, July 2014 Ver II
7	Performance of Geofoam Micropile System for Controlling Heave of Expansive soil	International Journal of Engineering & Science Invention e-ISSN: 2319-6734 Vol. 3 Issue 9, September 2014
8	Stabilization of expansive soil with micro silica, lime and fly ash for pavement	International Journal of of Engineering Research (IJER) Vol. 5, Issue Special 1, 8-9 January, 2016, pp 09-13.
9	Performance of footing on clayey soil with encased stone columns and geocell mattress	International Journal of of Engineering Research (IJER) Vol. 5, Issue Special 1, 8-9 January, 2016, pp 04-08.
10	Performance of Rectangular Skirted Footing Resting on Sand Bed Subjected to lateral Load	International Journal of Innovative Research in Science, Engineering and Technology, Volume 5, Issue 6, June 2016, pp 11075
11	Performance of Piled Raft Foundation on Sand Bed	International Journal of Innovative Research in Science, Engineering and Technology, Volume 5, Issue 6, June 2016, pp 9209
12	Performance of Pile Groups under Combined Uplift & lateral Loading	International Journal of Innovative Research in Science, Engineering and Technology, Volume 5, Issue 6, June 2016, pp 9219
13	Performance of Piled raft Foundation Subjected to Non-uniform Load	International Journal of Civil engineering & Technology (IJCET) Volume 8, Issue 4, April 2017, pp 1603-1613 ISSN Print: 0976-6308 ISSN Online: 0976-6316
14	Analysis of Foundation System for Offshore Wind Mill Structure	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) Vol. 6, Issue 5, May 2017 Page 9455 - 9461 ISSN(Online) : 2319-8753 ISSN (Print) : 2347-6710
15	Performance of T-shaped Footing on Layered Sand	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) Vol. 6, Issue 5, May 2017 Page 9462 – 9469 ISSN(Online) : 2319-8753 ISSN (Print) : 2347-6710
16	Performance of Strip Footing above Multiple Square Voids in C-Ø Soil	International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 IJERTV6IS060355

		Vol. 6 Issue 06, June – 2017 Pp: 816 - 823
17	Eccentrically Loaded Strip Footing on WEO Contaminated Sand	International Journal of Engineering Sciences & Research Technology ISSN: 2277-9655 June, 2017 Pp: 445 - 454
18	Behaviour of Strip Footing on Geogrid Reinforced Slope subjected to Eccentric Load	International Journal of Innovative Research in Science, Engineering and Technology ISSN(Online): 2319-8753 ISSN (Print): 2347-6710 Vol. 6, Issue 6, June 2017 DOI:10.15680/IJIRSET.2017.0606143 pp: 10929 - 10936
19	Analysis of T-Shape Footing On Layered Sandy Soil	International Journal of Innovative Research in Science, Engineering and Technology ISSN(Online) : 2319-8753 ISSN (Print) : 2347-6710 Vol. 6, Issue 6, June 2017 pp: 11513 - 11524
20	Performance of Equal Skirted Strip Footing Resting On Sand Slope Subjected to Lateral Load	International Journal of Advance Research, Ideas and Innovations in Technology ISSN: 2454-132X Volume 3, Issu 3 Pp: 1424 – 1429
21	Performance of Strip Footing on Slope Stabilized with Piles	International Journal of Advance Research, Ideas and Innovations in Technology ISSN: 2454-132X Volume 3, Issu 3 Pp: 1417 – 1423
22	Performance of Single Pile in Oil Contaminated Sand Under Axial Loading	International Journal ff Engineering Sciences & Research Technology ISSN: 2277-9655 June, 2017 Pp: 574 - 582
23	Performance Of Single Pile In Oil Contaminated Sand Under Axial Loading	International Journal of Engineering Sciences & Research Technology ISSN: 2277-9655 June, 2017] Pp: 574 - 582
24	Performance of Axially Loaded Pile Group in Oil contaminated Kanhan Sand	International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 5 Issue VI, June 2017 ISSN: 2321-9653 Pp: 2452 - 2461

25	Eccentrically loaded Strip Footing on Oil Contaminated Kanhan sand	International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 5 Issue VI, June 2017 ISSN: 2321-9653 Pp: 2441 - 2451
26	Effect of Excavation on Adjacent Structure on Sandy Clayey Soil	International Journal of Innovative Research in Science, Engineering and Technology (A High Impact Factor, Monthly, Peer Reviewed Journal) Visit: www.ijirset.com Vol. 7, Issue 6, June 2018

B. Conference Publications

Sr.	Title	Published in
1	“Bearing Capacity of Sand Reinforced with Anchored Geotextile”	Indian Geotechnical Conference, Madras (7 to 14-11-1996)
2	“Effect of Geomembrane on Swelling of Expansive Soils”	Indian Geotechnical Conference, Madras (7 to 14-11-1996)
3	“Stepped Block Spillway for Earthen Embankment: A Review”	National Conference on Hydraulics and Water Resources – HYDRO-2005 (08-09 Dec. 2005)
4	“Hydrological Studies of Chandrabhaga River Basin”	National Conference on Hydraulics and Water Resources – HYDRO-2006 (08-09 Dec. 2006)
5	Different Heave Reduction Systems for Expansive Soils	International conference on “Advances in Civil and Mechanical Engineering Systems” Govt. College of Engineering, Amravati Dec. 23-24, 2014
6	Performance of T-shaped Footing subjected to Eccentric Load	International conference on “Advances in Civil and Mechanical Engineering Systems” Govt. College of Engineering, Amravati Dec. 23-24, 2014
7	Performance of Anchored Geofoam for Heave Reduction in Expansive Soil	Indian Geotechnical Conference (IGC 2015), Pune, Maharashtra 17-19 Dec. 2015 Page No.29
8	Behaviour of T-shaped Footing with Inclined insertion Cut-off Subjected to Eccentric Load Using PLAXIS-2D	Indian Geotechnical Conference (IGC 2015), Pune, Maharashtra 17-19 Dec. 2015 Page No.557
9	Analysis Of Circular Footing Resting on Confined Sandy Soil	National Conference on RECENT ADVANCEMENTS IN GEOTECHNICAL ENGINEERING 20th April 2018, GCT, Coimbatore
10	Analyses of Barrette Pile In Sand	National Conference on RECENT ADVANCEMENTS IN GEOTECHNICAL ENGINEERING 20th April 2018, GCT, Coimbatore

11	Performance of Suction Pile Anchor For Floating Offshore Structures	National Conference on RECENT ADVANCEMENTS IN GEOTECHNICAL ENGINEERING 20th April 2018, GCT, Coimbatore
12	Analyses of Shell Footing In Loose And Dense Sand	National Conference on RECENT ADVANCEMENTS IN GEOTECHNICAL ENGINEERING 20th April 2018, GCT, Coimbatore
13	Performance of Root-Caisson Foundation	National Conference on RECENT ADVANCEMENTS IN GEOTECHNICAL ENGINEERING 20th April 2018, GCT, Coimbatore

6. Conferences/Workshop/Seminars: Coordinated

Sr. No.	Conferences/Workshop/Seminars description	Month & Year	Venue
1	I.S.T.E. approved S.T.T.P. “Emerging Trends in Hydraulic Structures”	17-22 June 2007	Govt. College of Engg. Amravati
2	One day workshop on “Geotechnical Engineering Practices – Risk and safety”	15 th September 2014	Govt. College of Engg. Amravati
3	One day workshop on “Advances in Geotechnical Engineering”	07 October 2016	Govt. College of Engg. Amravati

7 Membership Details

Sr. No	Name of Professional Body	Type of Membership	Membership No.
1	Indian Society for Technical Education	Life Member	LM 6744
2	The Indian Institution of Engineers (India)	Life Member	133296 – 6
3	Indian Geotechnical Society	Life Member	LM 1347
4	Indian Water Works Association	Life Member	LM 5345
5	Indian Society for Earthquake Technology	Life Member	LM 1301
6	Indian Society for Hydraulics	Life Member	LM 625
7	Indian Road Congress	Life Member	LM 32893

8. List of M. Tech. Projects guided

Sl. No.	Title	Year
1	“Experimental Investigations of Bearing Capacity Improvement of Sandy Soil Using Plastic Bottles”	2012-13
2	“Performance of Geofoam Micropile System for Heave Reduction of Expansive Soil”	2013-14
3	“Performance of Geotextile Reinforced Slopes of Earthen Dam”	2013-14
4	“Performance of Anchored Geofoam for Heave Reduction in Expansive Soil”	2014-15
5	Performance of T-shaped Footing Subjected to Inclined and eccentric Loads	2014-15
6	Performance of stabilized Reinforced Black Cotton soil	2015-16
7	Performance of Encased Stone Column with Geocell Mattress for Foundation on Clayey soil	2015-16
8	Performance of Rectangular Skirted Footing Resting on Sand Bed Subjected to lateral Load	2015-16
9	Performance of Piled Raft Foundation on Sand Bed	2015-16
10	Performance of Pile Groups under Combined Uplift & lateral Loading	2015-16
11	Effect of Footing Load Pattern on Geosynthetic Reinforced Slope	2016-17
12	Performance of Piled Raft Foundation Subjected to Non-Uniform Load	2016-17
13	Analysis of T-shaped footing on Layered Sandy Soil	2016-17
14	Analysis of Foundation System for Offshore Windmill Structure	2016-17
15	Performance of T-shaped Footing on Layered Sand	2016-17
16	Effect of Cavities on Performance of Footings	2016-17
17	Effect of Excavation on Adjacent Structure	2017-18
18	Performance of Root-Caisson Foundation	2017-18
18	Analyses of Circular Footing Resting on Confined Sandy Soil	2017-18

19	Analyses of Barrette Pile Foundation In Sandy Soil	2017-18
20	Performance of Anchors for Floating Offshore Structures	2017-18
21	Experimental Study of Shell Footing on Reinforced Sand Bed	2017-18
22	Performance of Shell foundations	2017-18
23	Performance of Micropiles To Mitigate the Tunnelling Effect on Adjacent Structures	2017-18
24	Performance of Bell-shaped pile foundations	2017-18
25	Numerical Analysis of Spin Fin Pile	2018-19
26	Reduction Of Lateral Earth Pressure on Piled Retaining Wall Using Geofoam Inclusion	2018-19
27	Experimental Investigations on Performance of Spin Fin Pile	2018-19
28	Performance of Geosynthetic Reinforcements In Ballasted Rail Track	2018-19
29	Performance of Squeezed Branch Pile	2018-19
30	Performance of X-Section Cast-In Situ Concrete Piles	2018-19
31	Numerical Analysis on Performance of The Helical Pile in Sandy Soil	2019-20
32	Numerical Analysis of Soil Anchors	2019-20
33	Performance of Short Barrette Piles Subjected to Vertical and Uplift Loads in Sandy Soil	2019-20
34	Numerical Analysis on Performance of Fibre Reinforced Polymer Piles	2019-20
35	Behaviour of Pile Encased With Sand Cushion In Clayey Soil Bed	2020-21
36	Performance of Hybrid Monopile Foundation For Offshore Structures	2020-21
37	Study on effects of dynamic loading on improved soil with stone columns and granular blankets with or without Geocell mattress	2020-21
38	Stability Analysis of Slopes Under Dynamic Loads Using Geotextile	2020-21
39	Experimental Investigation of Square Pile Encased with Sand Cushion in Clayey Soil Bed	2020-21

40	Performance of Caisson Hybrid Foundation for Offshore Structures	2020-21
41	Dynamic Effects on Tunnel Using Shake Table Test	2020-21
42	Improvement of Liquefied Soil By Using Geosynthetics and Artificial Materials	2020-21
43	Performance of Sub-Rectangular Tunnel Under Static and Dynamic Loading	2020-21
44	Performance of Hybrid Mudmat Foundation For Offshore Structures	2021-22
45	Performance of Laterally Loaded Piles Subjected to Dynamic Loads.	2021-22
46	Seismic Response of Pile Group in Liquefiable Soils	2021-22
47	Numerical Analyses of Interference of Machine Foundation Resting On Reinforced Soil	2021-22
48	Safety Evaluation of Adjoining Structures in Urban Areas During Deep Excavation	2021-22
49	Seismic Earth Pressure on Retaining Walls with Deformable Inclusions	2021-22
50	Dynamic Response of the Adjacent Machine Foundations Resting on Multiple Geocell Reinforced Soil Bed	2022-23
51	Analyses of Strip Footing on Reinforced Stabilized Soil Slopes Using Finite Element Method	2022-23

8. Invited Lectures delivered

Sl. No.	Title	Venue	Year
1	Experimental Studies in Geotechnology & its applications	IBBS College of Engineering, Amravati	16-20 June 2014
2	Geotechnical Applications & Advancements	Yashwantrao Chavan College of Engineering, Nagpur	07-11 October 2014
3	Geotechnical aspects in Civil Engineering Structures	P.R.M.I.T. & R , Badnera	27April to 8 May 2015
4	Dynamic Properties of soil	P. R. Pote Patil Education & Eelfare Trust's Gropu of Institutions, College of Engineering & Management, Amravati	22 June 2018