

Curriculum Vitae



1. Name : Dr C.N.V. Satyanarayana Reddy
Designation : Professor in Civil Engineering, College of Engineering
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6. Educational Qualifications

S.No.	Examination	Board/ University	Specialisation	Year of Passing	Division or % of Marks
1.	S.S.C	Board of Secondary Education, (A.P) Hyderabad	Composite Mathematics	1984	First class (80.6 %)
2.	Intermediate	Board of Intermediate Education, (A.P) Hyderabad.	M.P.C Group	1986	First class (81.2 %)
3.	B.Tech	Nagarjuna University	Civil Engineering	1990	First class with Distinction (82.1%) University 1 st Ranker
4.	M.Tech	Indian Institute of Technology, Madras.	Geotechnical Engineering	1992	CGPA of 9.1
5.	M.E	Andhra University, Visakhapatnam,	Structural Engineering	2014	CGPA of 9.2
6.	Ph.D	National Institute of Technology, Warangal.	Civil Engineering*	2003	Not applicable

***Title of Ph.D Thesis:** SBC Based Design and Performance Aspects of Reinforced Flexible pavements with Anchored Geotextiles over Expansive Soil Subgrades

7. Service Particulars : Teaching Experience -28 years

S.No	Designation	Name of the Organisation	Period
1.	Professor	A.U College of Engineering, Andhra University, Visakhapatnam	31-10-2006 to till date
2.	Professor	Kakatiya Institute of Technology and Science, Warangal (Affiliated to Kakatiya University, Waranagal)	1-1-2005 to 30-10-2006
3.	Associate Professor	-do-	1-7-2003 to 31-12-2004
4.	Assistant Professor	-do-	7-9-1992 to 30-06-2003

8. Publications (100)

International and National Journals

1. C.N.V. Satyanarayana Reddy and G.V. Usha Rani. Influence of Shape of Footing on Coefficient of Elastic Uniform Compression of Foundation Soils, Indian Geotechnical Journal, January 2020, <https://doi.org/10.1007/s40098-019-00402-5>
2. C.N.V. Satyanarayana Reddy and G.V. Usha Rani, Effect of Shape of Footing on Coefficient of Elastic Uniform Compression of Polypropylene Fiber Reinforced Fine Sand, Accepted for Publication in Geotechnical Engineering Journal of the SEAGS & AGSSEA, Published by Southeast Geotechnical Society, Asian Institute of Technology, Thailand, December 2019
3. C.N.V. Satyanarayana Reddy and R. Dhanunjaya Kumar Reddy, Copper Slag Potential for use as Fill and Backfill in Reinforced Soil walls, Indian Journal of Geosynthetics and Ground Improvement, Vol.9, No.1, December 2019, pp. 46-51.
4. K. Rajasekhar and C.N.V. Satyanarayana Reddy. Destructive and Nondestructive Evaluation of Ferrochrome Aggregate Concrete Subjected to Elevated Temperatures, Journal of ICI, Vol. 19, July-Sept, pp 1-4.
5. S. Srikanth Reddy, C.N.V. Satyanarayana Reddy and D.S.R. Murty. Seismic Stability of Retaining walls, Civil Engineering and Construction Review Journal, Vol. 32, No.9, September 2019, pp.40-46.
6. Sean Surujdas and C.N.V. Satyanarayana Reddy, Green Heart Timber Strip Reinforcement for Reinforced Soil Retaining Walls, International Journal of Geotechnical Engineering, Published by Southeast Geotechnical Society, Asian Institute of Technology, Thailand, Vol. 49, No.3, September 2018.
7. G. Sireesha and C.N.V. Satyanarayana Reddy, Effect of Randomly Oriented Synthetic Fibre on Clay of High Compressibility, Indian Journal of Geosynthetics and Ground Improvement, Vol.7, No.1, January 2018, pp 3-10.
8. S. Abhishek and C.N.V. Satyanarayana Reddy, A Comparative Study on Bearing Capacity of Shallow Foundations in Sand from N and $\emptyset$, Journal of The Institution of Engineers (India): Series A, Volume 98, Issue 4, pp.355-365, December 2017, (DOI 10.1007/s40030-017-0246-7)
9. G. Sireesha and C.N.V. Satyanarayana Reddy, Effect of Addition of Randomly Oriented Synthetic Fibre in Low Clay Compressible Clay, International Journal of Earth Sciences and Engineering, Vol. 10, No.5, October 2017, pp.1032-1035
10. B. Sanghamitra and C.N.V. Satyanarayana Reddy, Potential of Ferro Chrome Slag as Construction Material, Indian Highways, Vol. 45, No.6, pp 11-17, June 2017.
11. P..Trinadh Varma, M. Jagapathi Raju and C.N.V.S. Reddy, Functional Evaluation of Canal Bank Roads Using MERLIN, International Journal of Research in Engineering and Science, Vol.4, No. 10, October 2016, pp8-12.
12. S.G. Narayana Reddy, C.N.V. Satyanarayana Reddy and Md. Shakeel Abid, A Study on Interfacial Shear Parameters of Rock Flour with Geotextile from Modified Direct Shear Box and Pull out Test, International Journal of Science, Engineering and Technology, ISSN (online): 2349-784X, Vol. 2, Issue 11, 2016, pp 400-408.
13. C.N.V. Satyanarayana Reddy and E.V. Raghava Rao, A Study on Impact of Variables on Precision of Correlation Equations Of CBR of Sandy Soils, International Journal of Earth Sciences and Engineering, Vol.9, No.3, June 2016, pp.1093-1096.

14. A.C.S.V. Prasad and C.N.V. Satyanarayana Reddy. Evaluation of Cement Stabilised Well Graded Gravel for Use in Mass Concrete Applications, Journal of Indian Concrete Institute, Vol.17, No.1, April – June 2016, pp. 22-27.
15. A.C.S.V. Prasad and C.N.V. Satyanarayana Reddy. Strength and Durability Characteristics of Concrete made with Gravel Soil and Quarry Dust, Journal of Indian Roads Congress, Vol.76, No.4, Jan-March 2016, pp259-268.
16. C.N.V. Satyanarayana Reddy and S. Srikanth Reddy, Soil Retaining in Shallow Excavations by Casuarina Poles, Journal of Civil Engineering and Construction Review, Vol. 29, No.2, February 2016, pp 64-69.
17. C.N.V. Satyanarayana Reddy and S. Srikanth Reddy, Cost Economics of Reinforced Soil Retaining walls using Rockflour as Fill Material, Indian Journal of Geosynthetics and Ground Improvement, Vol.4, No.2, July 2015, pp. 3-8.
18. C.N.V. Satyanarayana Reddy and A.C.S.V. Prasad. Performance Studies on Cement Stabilized Gravelly Soil Exposed to Sulfate Environment, Indian Geotechnical Journal, Vol. 45, No.2, April – June 2015, pp 217-224.
19. K. Rajasekhar and C.N.V. Satyanarayana Reddy (2015). An Experimental Study on use of Ferrochrome Slag aggregate in Concrete making, Journal of ICI, Vol. 15, No.4, Jan-Mar 2015, pp1-4.
20. S.V. Garata Reddy, K. Chinnapa Reddy and C.N.V. Satyanarayana Reddy, Potential of Rock Flour for Use As Fill Material in Reinforced Soil Structures, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 3, No.3, May 2014, pp 12645-12651.
21. A.C.S.V. Prasad and C.N.V. Satyanarayana Reddy, Performance Studies on Cement Stabilised Gravel Soils Exposed to Acid Environment, International Journal of Earth Sciences and Engineering, Vol.7, No. 1, February 2014, pp 336-340.
22. C.N.V. Satyanarayana Reddy and G. Sireesha. Effect of Randomly Distributed Synthetic Fibre in Fine Sand and Fly Ash, Indian Journal of Geosynthetics and Ground Improvement, CBIP, Vol.3, No.1, January 2014, pp 12-17.
23. C.N.V. Satyanarayana Reddy and K. Durga Rani, Potential of Shredded Scrap Tyres in Flexible Pavement Construction, Journal of Indian Highways, Indian Roads Congress, Vol. 41, No.10, October 2013, pp 19-24.
24. C.N.V. Satyanarayana Reddy and K. Chinnapa Reddy, Reinforced Flexible Pavement Design over Expansive Clay Subgrade, Indian Geotechnical Journal, Vol.41, No.2, April 2011, pp. 86-94.
25. C.N.V. Satyanarayana Reddy, Jerosite Landfill Construction Using Zinc Slag Bund, International Journal of Earth Sciences and Engineering, Vol. 4, No.2, April 2011, pp 357-363.
26. K. Durga Rani, Venkata Subbaiah and C.N.V. Satyanarayana Reddy, A Simulation Study on Overtakings and Lane Changing Behaviour On An Urban Road Corridor, International Journal of Engineering Research and Technology, Vol. 3, No.3, 2010, pp. 691-698.
27. M. Veera Reddy and C.N.V. Satyanarayana Reddy, An experimental study on use of rock flour and insulator ceramic scrap in concrete , Journal of Civil Engineering, The Institution of Engineers (India), Vol. 88, Aug 2007, pp. 47-50.
28. C.N.V. Satyanarayana Reddy and N.V. Ramamoorthy, Control of Rut in Flexible Pavements over Clay Subgrades With Geotextiles, Highway Research Bulletin 75, Indian Roads Congress, 2006, pp. 11-16.

29. C.N.V. Satyanarayana Reddy and N.V. Ramamoorthy, Significance of Fabric Deformation Shape at Subgrade in Design of Reinforced Flexible Pavements, International Journal of Geotechnical Engineering, Published by Southeast Geotechnical Society, Asian Institute of Technology, Thailand.(Vol.36, No.3), December 2005, pp. 195-201.
30. C.N.V. Satyanarayana Reddy and N.V. Ramamoorthy, Swell Control Potential of Geotextiles Held in Position with Granular Cushions over Expansive Soil Subgrades, Indian Geotechnical Journal, Vol. 35, No.2, April 2005, 177-197.
31. C.N.V. Satyanarayana Reddy and N.V. Ramamoorthy, Significance of Bearing Capacity of Clayey Subgrade in Flexible Pavement Design, International Journal of Pavement Engineering, UK, September 2005, pp. 183-189.
32. C.N.V. Satyanarayana Reddy and N.V. Ramamoorthy, Safe bearing Capacity Method of Design of Flexible Pavements over Clayey Subgrades, International Journal of Pavements, USA (Vol.3, No. 1-2), January –May 2004, pp. 113-114.
33. C.N.V. Satyanarayana Reddy and N.V. Ramamoorthy, Potential of Rockflour as Fill Material in Reinforced Soil Constructions, International Journal of Geotechnical Engineering, Published by Southeast Geotechnical Society, Asian Institute of Technology, Thailand. (Vol. 33, No.3), December 2002, pp. 149-152.

National and International Conferences

1. C.N.V. Satyanarayana Reddy and M. Nagalakshmi. Forensic Geotechnical Investigation of Settlement Failure of Pile Group Supporting Columns of Conveyor Belt, Theme Lecture, Proc. of Indian Geotechnical Conference 2019, December 19-21, 2019, Surat.
2. K. Tulasi and C.N.V. Satyanarayana Reddy “Phosphogypsum dumping yards – A Review” Proc. of 7th Young Geotechnical Engineers Conference held at NIT Silchar during March 15-16, 2019. (E-proceedings paper No. 77)
3. C.N.V. Satyanarayana Reddy and S. Swetha “Influence of shape of footing on Coefficient of elastic uniform compression of soils” Indian Geotechnical Conference 2018 held at IISc., Bangalore during December 13-15, 2018. (e-Proceedings Th 2-81)
4. C.N.V. Satyanarayana Reddy and S. Srikanth Reddy (2016). Construction Of Engineered Landfill Facility For Pharmaceutical Waste – A Case Study, Proc. of 6th Asian Regional Conference on Geosynthetics, November 8-11, 2016
5. C.N.V. Satyanarayana Reddy and N. Sasi Kumar (2016). Foundation stability of Retaining Walls on Hill Slopes, Proc. of International Conference on “Sustainability in Geotechnical Engineering Practices and Related Issues”, Organised by IGS and ISSMGE, Held at Mumbai, September 23-24, 2016.
6. C.N.V. Satyanarayana Reddy, G.V. Usha Rani, M. Nagalakshmi “Effect of Shape of footing on Coefficient of Elastic Uniform Compression of Fine Sand” Indian Geotechnical Conference 2017 held at IIT Guwahati during December 14-16, 2017. (e-Proceedings Th12-755)
7. C.N.V. Satyanarayana Reddy, S. Srikanth Reddy and S.G. Narayana Reddy “Properties of Rock Flour of different Parent Rock and Suitability As Fill Material in Reinforced Soil Structures” Indian Geotechnical Conference 2017 held at IIT Guwahati during December 14-16, 2017. (e-Proceedings Th11-757)

8. A.C.S.V. Prasad and C.N.V. Satyanarayana Reddy, Potential of Cement Stabilized Gravels for Use as Alternate to Lean Concrete, paper No. 327, Proceedings of IGC 2016, IIT Chennai, December 15-17, 2016
9. S. Srikanth Reddy and C.N.V. Satyanarayana Reddy, Comparative Study on Seismic Stability of Conventional and Reinforced Soil Retaining Walls, Proc. of National Conference on Sustainable Materials and Management Systems in Civil Engineering, December 15, 2016, pp 246-255.
10. C.N.V. Satyanarayana Reddy, A Study on Effect of Heat on Conventional And Ferro Chrome Slag Aggregate Concretes, Proceedings of workshop on Heat Affected Concrete Structures, Visakhapatnam, March 28, 2016.
11. C.N.V. Satyanarayana Reddy and E.V. Raghava Rao, Development of Correlation Equation for CBR of Coarse Grained Soils, Proceedings of Indian Geotechnical Conference 2015, Pune, December 17-19, 2015, pp.506 (e –proceedings)
12. S. Srikanth Reddy and C.N.V. Satyanarayana Reddy, A Study on Seismic Design of Reinforced Soil Retaining Walls with Sand and Crusher Dust as Fill Materials, Proceedings of Indian Geotechnical Conference 2015, Pune, December 17-19, 2015, pp. 192 (e-Proceedings).
13. A.C.S.V. Prasad and C.N.V. Satyanarayana Reddy, Strength Characteristics of Cement Stabilized Well Graded Gravel, Proceedings of Indian Geotechnical Conference 2015, Pune, December 17-19, 2015, pp.433 (e-proceedings)
14. C.N.V. Satyanarayana Reddy, Flexible Retaining Systems for Beach Erosion Control, Proceedings of workshop on “Beach Erosion Mitigation with Geosynthetics”, held at Andhra University, Visakhapatnam, March 6, 2015.
15. C.N.V. Satyanarayana Reddy , S. Srikanth Reddy and S.G. Narayana Reddy, Comparative Study on Reinforced Sand and Rock flour Retaining Walls, Proceedings of Indian Geotechnical Conference 2014, Kakinada, December 18-20, 2014.
16. C.N.V. Satyanarayana Reddy , G.V. Usha Rani and E.V. Raghava Rao, Development of Correlation Equation for CBR of Clay Subgrades, Proceedings of Indian Geotechnical Conference 2014, Kakinada, December 18-20, 2014.
17. C.N.V. Satyanarayana Reddy, G.Tabitha and R. Stephen Babu, Potential Use of Waste Tyre Chips in Highway Embankment Construction, Proceedings of Indian Geotechnical Conference 2014, Kakinada, December 18-20, 2014.
18. C.N.V. Satyanarayana Reddy and S. Srikanth Reddy, Erosion Control Structures for Visakhapatnam Beach, Proceedings of National Seminar on Soil Stability-Related Issues, organised by A.U. College of Engineering, Visakhapatnam and IGS Visakhapatnam Local Chapter, March 21, 2014, pp 65-69.
19. T. Gnanada Rao and C.N.V. Satyanarayana Reddy. Cost Economics of Flexible and Rigid Pavements over Clay Subgrades, proceedings of National conference on Recent Research advances in Civil Engineering, Held at Osmania University, Hyderabad, November 7-8, 2014, pp 202-206.
20. C.N.V. Satyanarayana Reddy, Review of Flexible Pavement Construction Practices over Expansive Clays, Proceedings of workshop on Foundation Systems for Problematic Soils, Chaitanya Engineering College in association with IGS Visakhapatnam Local Chapter, March 7-8, 2014,pp 38-44.
21. C.N.V. Satyanarayana Reddy, Case Studies of Recent Geotechnical Failures in Andhra Pradesh, Proceedings of workshop on Foundation Systems for Problematic Soils, Chaitanya Engineering College in association with IGS Visakhapatnam Local Chapter, March 7-8, 2014,pp 65-69.

22. Mohammed Waheed, S.G. Narayana Reddy and C.N.V. Satyanarayana Reddy, A Study Of Interfacial Frictional Characteristics Of Rock Flour With Geotextiles, Proceedings of Indian Geotechnical Conference 2013, Roorkee, December 22-24, 2013.
23. S.V. Abhishek, V. Tarachand and C.N.V. Satyanarayana Reddy, Case Study of Failure Of Retaining Wall at Dwarakanagar, Visakhapatnam, Proceedings of Indian Geotechnical Conference 2013, Roorkee, December 22-24, 2013.
24. S.V. Abhishek and C.N.V. Satyanarayana Reddy, A Study on Bearing Capacity of Strip and Square Footings in Sand From 'N' and 'Φ', E-Proceedings of Indian Geotechnical Conference 2013, Roorkee, December 22-24, 2013.
25. K. Rohit Kumar, J.Lokesh and C.N.V. Satyanarayana Reddy, Geotechnical Characterisation of Silico Manganese Slag for Civil Engineering Applications, Proc. of fourth Indian Young Geotechnical Engineers Conference, Chennai, May 17-18, 2013, pp 1-4.
26. C.N.V. Satyanarayana Reddy and K. Chinnapa Reddy, Test Track Studies on Reinforced Flexible Pavement over Expansive Clay Subgrade, Proc. of Indian Geotechnical Conference 2012, December 13-15, 2012, Delhi, pp. 432-345.
27. G. Sireesha, K. Rohit Kumar and C.N.V. Satyanarayana Reddy, A Study on Synthetic Fibre Reinforced Sea Sand, Proc. of Indian Geotechnical Conference 2012, Delhi, December 13-15, 2012, pp. 331-334.
28. A.C.S.V. Prasad and C.N.V. Satyanarayana Reddy, The Potential of Cement Stabilized Gravelly Soil in Concrete Making, Proc. of Indian Geotechnical Conference 2012, Delhi, December 13-15, 2012, pp. 568-571.
29. C.N.V. Satyanarayana Reddy and K. Chinnapa Reddy, Test Track Study of Reinforced Flexible Using Mattress Approach over Clay Subgrade", Proc. of National Conference on Advances in Earth Sciences, Structural, Geotechnical and Earthquake Engineering", CBIT, Hyderabad, October 4-5, 2012, pp. 507-514.
30. C.N.V. Satyanarayana Reddy and A.C.S.V. Prasad, Strength Characteristics of Cement Stabilised Gravelly soil, Proc. of National Conference on Advances in Earth Sciences, Structural, Geotechnical and Earthquake Engineering", CBIT, Hyderabad, October 4-5, 2012, pp. 499-506.
31. B. Sanghamitra and C.N.V. Satyanarayana Reddy, Potential of Ferro Chrome Slag as Construction Material, e – proceedings of 1st Young Geotechnical Engineers Conference of A.P, IIIT Hyderabad, March 2011.
32. K. Rohit Kumar and C.N.V. Satyanarayana Reddy, Design of Vertical Drains for Marine Clay Area at Stacking Yards to Prevent Ground Heaving, e – proceedings of 1st Young Geotechnical Engineers Conference of A.P, IIIT Hyderabad, March 2011.
33. C.N.V. Satyanarayana Reddy, Case Studies of Recent Geotechnical Failures in Andhra Pradesh, e – proceedings of 1st Young Geotechnical Engineers Conference of A.P, IIIT Hyderabad, March 2011.
34. C.N.V. Satyanarayana Reddy, B. Sanghamitra and R. Vinathi Angel, A Study on Properties of Jerosite Waste for Landfill Capping Design, Proc. of Indian Geotechnical Conference 2011, Kochi, pp. 755-758.
35. C.N.V. Satyanarayana Reddy, K. Chinnapa Reddy and T. Kishore Kumar, Reinforced Soil Mattress Approach for Flexible Pavements Over Clay Subgrade, Proc. of Indian Geotechnical Conference 2011, Kochi, December 15-17, 2011, pp.601-603.
36. A.C.S.V. Prasad and C.N.V. Satyanarayana Reddy, The Potential of Cement Stabilized Gravelly Soils As Construction Material, Proc. of Indian Geotechnical Conference 2011, Kochi, December 15-17,

2011 pp. 493-496.

37. B. Satyanarayana and C.N.V. Satyanarayana Reddy, Development Of Empirical Equation for Compressibility of Marine Clays, Proc. Of Indian Geotechnical Conference 2010, IIT, Mumbai, December 16-18, 2010, pp. 885-886.
38. C.N.V. Satyanarayana Reddy and B. Sanghamitra, Geotechnical Characterisation of Wastes at Zinc Manufacturing Units”, accepted for publication in proc. Of Indian Geotechnical Conference 2010, held at Mumbai during December 16-18, 2010, pp. 449-452.
39. C.N.V. Satyanarayana Reddy, G. Vikram and K. Lenin, Reinforced Zinc Slag Embankment for Jerosite containment Pond, Proc. of Indian Geotechnical Conference 2009, Guntur, Feb 18-20, 2010, pp 493-496.
40. B. Satyanarayana and C.N.V. Satyanarayana Reddy, Compressibility of Visakhapatnam Marine Clays - A Review, Proc. of Indian Geotechnical Conference 2009, Guntur, Feb 18-20, 2010, pp 65-70.
41. B. Satyanarayana and C.N.V. Satyanarayana Reddy, Compressibility Characteristics Of Visakhapatnam Marine Clays, Proc. of Symposium on Research in Civil Engineering, IIT., Chennai, March 2009.
42. C.N.V. Satyanarayana Reddy, P.V.V. Satyanarayana and B. Satyanarayana, Heaving of Ground – A Case Study in Marine Clay, Proc. of Indian Geotechnical Conference 2008, Bangalore, December 17-19, 2008, pp 614-616.
43. C.N.V. Satyanarayana Reddy, Swell Control Potential of Reinforced Flexible Pavement over Expansive Subgrade, Proc. of Indian Geotechnical Conference 2008, Bangalore, December 17-19, 2008, pp 198-201.
44. C.N.V. Satyanarayana Reddy, Flexible Pavements over Expansive Soils: Problems and Geotechnical Solutions, Proc. of Seminar on “Geotechnical Solutions for Heaving Problems in Marine Clays” held at A.U. College of Engineering, Visakhapatnam, October 2008, pp 11-22.
45. C.N.V. Satyanarayana Reddy, Flexible Pavements over Expansive Soils: Problems and Geotechnical Solutions, Proc. of Seminar on “Problematic Solutions – Geotechnical Solutions” held at A.U. College of Engineering, Visakhapatnam, October 2008, pp 46-52.
46. C.N.V. Satyanarayana Reddy, Reinforced Flexible Pavement Design over Expansive Subgrades, Proc. of Symposium on Engineering of Ground and Environmental Geotechniques held at J.N.T.U., Hyderabad, Feb-Mar. 2008, pp 186-191.
47. C.N.V. Satyanarayana Reddy, Evaluation of Giroud & Noiray Method of Reinforced Flexible Pavement over a Clay Subgrade, Proc. of Indian Geotechnical Conference, I.I.T, Chennai, December 14-16, 2006, pp. 735-736.
48. C.N.V. Satyanarayana Reddy, and K. Pavani, Mechanically Stabilised Soils for Use in Sub bases of Flexible Pavements – Regression Equation for CBR Evaluation, Proc. of Indian Geotechnical Conference, I.I.T., Chennai, December 14-16, 2006, pp. 731-734.
49. C.N.V. Satyanarayana Reddy, Control of Rut in Flexible Pavements over Clay Subgrades with Geotextiles, Proc. of International Seminar on ‘Innovations in Construction and Maintenance of Flexible Pavements’ held at Agra, September 2-4, 2006.
50. C.N.V. Satyanarayana Reddy and N.V. Ramamoorthy, Geotechnical Investigations into Flexible Pavement Design over a Clay Subgrade, Proc. of Indian Geotechnical Conference, held at N.I.T., Warangal, December 17-19, 2004, pp. 514-517.

51. C.N.V. Satyanarayana Reddy and N.V. Ramamoorthy, Issues in Design of Reinforced Flexible Pavements over Soft Clay Subgrades, Proc. of National Seminar on Geosynthetics India –2004, held at Indian Institute of Technology, Delhi, October 2004, 205-212, pp 205-212.
52. C.N.V. Satyanarayana Reddy and M. Veera Reddy, Experimental Study on Insulator Ceramic Scrap and Rock Flour as Building Materials, Proc. of National Conference on Materials and Structures, Organised by Department of Civil Engineering, N.I.T., Warangal, January 2004, 182-184.
53. C.N.V. Satyanarayana Reddy and G. Kiran, Earthquake Induced Liquefaction – Preventive Techniques, Proc. of National Conference on Recent Advancements in Civil Engineering, Organised by K.I.T.S, Warangal and The Institution of Engineers (India), Warangal Local Center, December 2003, pp 12-14.
54. N. Appi Reddy, C.N.V. Satyanarayana Reddy and N.V. Ramamoorthy, Design and Performance Issues of Flexible Pavements over Clayey Subgrades, Proc. of National Conference on Developments in Engineering and Technology, organised by The Institution of Engineers (India), Warangal Local Center, March 2003, pp 33-35.
55. C.N.V. Satyanarayana Reddy and N.V. Ramamoorthy, Appraisal of Granular Cushions with Geotextiles on Expansive soil Subgrades, Proc. of International Conference on 'Ground Improvement Techniques' held at Kuala Lumpur, Malaysia, March 2002, pp. 629-633.
56. C.N.V. Satyanarayana Reddy and N.V. Ramamoorthy, Rational Approach for Design of Flexible Pavements over Clayey Subgrades, Proc. of Indian Geotechnical Conference, Allahabad, December 20-22, 2002, pp 329-331.
57. C.N.V. Satyanarayana Reddy, N.V. Ramamoorthy and Mohammad Ali, Granular Cushions with Geotextiles on Expansive Subgrades, Proc. of Indian Geotechnical Conference, Indore, December 14-16, 2001, pp 371-372.
58. C.N.V. Satyanarayana Reddy and N.V. Ramamoorthy, Potential of Reinforced Rockflour Beds in Expansive Soils, Proc. of Indian Geotechnical Conference held at Bombay, December 13-15, 2000, pp 329-330.
59. C.N.V. Satyanarayana Reddy and N.V. Ramamoorthy, Reinforced Rockflour Beds For Swell Control and Bearing Capacity Improvement, Proc. of National Seminar on Advances in Ground Improvement held at Regional Engineering College, Kurukshetra, September 2000.
60. N. Srinivasa Reddy and C.N.V. Satyanarayana Reddy, Solid Waste Management - An Integrated Approach, Proc. of National Conference on Geotechnical and Geoenvironmental Aspects of Managing MSW, held at M.N.R.E.C., Allahabad, October 1999.
61. C.N.V. Satyanarayana Reddy and V.R.K. Narasimha Raju, Utilisation of Rockflour and Silica fume in Geotechnical Engineering Activities, Proc. of Indian National Conference on 'Geoenvironment; Characterisation, Analysis, Design and Practice' held at M.N.R.E.C., Allahabad, April 1998, pp 107-113.
62. C.N.V. Satyanarayana Reddy and N. Srinivasa Reddy, Soil Stabilised Bricks with Industrial Wastes, Proc. of National Seminar on 'Role of Engineering institution, Construction Industry and Building Research Institute in Low Cost Construction' held at M.I.T.S., Gwalior, January 1996, pp 160-165.
63. N. Srinivasa Reddy, C.N.V. Satyanarayana Reddy and J.S. Nageswara Rao, Low Cost Sanitation for Rural Areas, Proc. of National Seminar on 'Role of Engineering institution, Construction Industry and Building Research Institute in Low Cost Construction' held at M.I.T.S., Gwalior, January 1996.
64. N. Srinivasa Reddy and C.N.V. Satyanarayana Reddy, Use of Fly Ash in Brick Making Soil with Chemical Additives, Proc. of National Conference on Civil Engineering Materials and Structures held

at Osmania University, Hyderabad, January 1995, pp 55-59.

65. C.N.V. Satyanarayana Reddy, S.G. Narayana Reddy and V. Ramana Murthy, Lime Stabilisation of Expansive soils with Coal Ash and Brick Powder, Proc. of Indian Geotechnical Conference Held at Regional Engineering College, Warangal, December 15-17, pp 107-110.
66. C.N.V. Satyanarayana Reddy, N. Srinivasa Reddy and S.G. Narayana Reddy, Liquefaction of Soil Deposits during Earthquakes, Proc. of National Conference on 'Seismic Scenario-Indian Scenario' held at Andhra University, Visakhapatnam, April 1994, pp. 72-77.
67. N.R. Krishna Swamy, N. Thomas Isaac and C.N.V. Satyanarayana Reddy, Cyclic Triaxial Strength of Reinforced Sand, Proc. of Indian Geotechnical Conference Held at Calcutta, December 18-20, 1992, pp 67-70.

9. Invited Lectures Delivered

1. Delivered Keynote Lecture on the topic of "Geotechnical Challenges – Geosynthetic Solutions" at Young Researchers Symposium for Geotechnical Engineers" organized by IGS Warangal Chapter and NIT, Warangal during October 1-2, 2019.
2. Delivered lectures on "Problems in Soft clays and strengthening of soft clay with vertical drains" and "Soil Liquefaction: Ill Effects and Mitigation Techniques" in Faculty Development Programme on Ground Improvement Techniques organized by JNTU, Kakinada during 29-31, August 2019 at College of Engineering and Technology, Bhubaneswar.
3. Delivered a lecture on "Failure of Structures due to lack of Soil Investigations" at one day national Seminar on Case studies in Geotechnical Engineering Practice organized by IGS Guntur Chapter and Malineni Perumallu Group of Institutions, Pulladigunta, Guntur on 7th January 2019.
4. Delivered lecture on "Pavement Construction in Expansive Soils" at Workshop on Workshop on Geotechnical Solutions for Infrastructure Development organized by IGS Visakhapatnam Chapter and ANITS, Sangivalasa, Visakhapatnam on 29th December 2018.
5. Delivered Guest Lecture on "Good Construction Practices in Urban Environment" at Annual Seminar of The Institution of Valuers (IOV) Visakhapatnam organized on 9th December 2018.
6. Delivered lecture on "Mitigation of Earthquake Induced Liquefaction" during training programme on "Earthquake Risk Mitigation and Management" organized by NIDM, New Delhi in association with Department of Civil Engineering, A.U. College of Engineering, Visakhapatnam during October 8-12, 2018
7. Delivered a Lecture on " Good Construction practices in Urban Environment" at workshop on Good Construction Practices organized by A.U. College of Engineering in association with IGS Visakhapatnam Chapter and ICI Visakhapatnam Chapter during October 1-2, 2018.
8. Delivered Expert lectures on "Ground Improvement in soft clays with geosynthetics", "Geosynthetics for landfill construction" and " Ferro chrome slag applications in Civil Engineering" during one week FDP on "Advancements in Construction Materials" organized by Gudlavalleru Engineering college during June 25-29, 2018.
9. Delivered a lecture on "Forensic geotechnical Engineering – Case studies" during seminar on "Latest trends in Civil Engineering" organised by SRKR college of Engineering in association with IGS Visakhapatnam Chapter on March 3, 2018.
10. Delivered Key note lecture on "Case Studies on Geotechnical Investigations from Andhra Pradesh and Rest of India" at two day National Workshop on "Geotechnical Investigation and Soil Testing" organized by KIIT in association with IGS Bhubaneswar chapter on 27th January 2018.

11. Delivered a lecture on “delivered a lecture on “Case Studies on Bearing Capacity failures” during workshop on “Geotechnical Problems and Practices” organised by ANITS, Visakhapatnam in association with IGS Visakhapatnam Chapter on October 11, 2017
12. Delivered talks on Ethics in Civil Engineering on September 15, 2017 on the eve of Engineers Day at Pydah Engineering College and VITAM, Visakhapatnam
13. Delivered Lectures on "Pavements on Expansive Soils: Problems & Geotechnical Solutions" and “Some Facts to Know About Expansive Soils”. at Seminar on “Geotechnics for Expansive Soils” organised at S.R.K.R Engineering College, Bhimavaram in association with IGS Visakhapatnam Chapter
14. Delivered lecture on “Damage Potential of Liquefaction and Mitigation Methods” at Workshop on “Research Facilities for Studies on Soil Liquefaction, Fire Affected Structures and Coast Protection Structures” organized on March 27, 2017 under UGC-SAP (DRS-1) Programme at A.U. College of Engineering, Visakhapatnam
15. Delivered Guest Lecture on “ Latest Field Practicing Techniques in Geotechnical Engineering” at National level students symposium “PRATISHTA 2K16” organized by JNTU College of Engineering, Vizianagaram in association with IGS Visakhapatnam Chapter on 11th March 2016
16. Delivered Guest Lecture on “ Liquefaction of soils – Preventive Techniques” at Workshop on “Dhisa2k15” organized by Sri Sivani Institute of Technology, Chilakapalem, Srikulam Dist on 10th October 2015.
17. Delivered Guest Lecture on “Geotechnical Issues in Failure of Structures” at Visakhapatnam Steel Plant, organized by Town Administration Department, VSP on 11th May 2013.
18. Delivered prestigious 14th Annual Memorial Lecture of Er. T. Narayana Reddy at Senate hall, Sri Venkateswara University, Tirupati on the topic “Recent Geotechnical Engineering Failures in A.P State” on 22nd January 2013, Organised by The Institution of Engineers (India), Tirupati Local Centre.
19. Delivered a Keynote Lecture on “**Case Studies of Geotechnical Failures in Andhra Pradesh**” at 1st Young Geotechnical Engineers Conference of A.P Held at IIIT Hyderabad on 31st March 2012.
20. Delivered a Guest Lecture on “**Heaving of Ground in Marine Clay - A Case Study**” at J.N.T.U College of Engineering, Kakinada on 2nd October 2011 during Terzaghi 2011.
21. Delivered a Guest Lecture on “**Geotechnical Solutions for Ground Heaving Problems in Soft Clay**” at J.N.T.U College of Engineering, Kakinada on 22nd March 2011 during SOUDHA 2K11.
22. Delivered a Guest Lecture on “**Heaving of Ground in Marine Clay at VPT Stacking Yard - A Case study**” on 18th February 2011 at PRIME Engineering College.
23. Delivered Lectures on “**Flexible Pavements over Expansive soils: Problems and Geotechnical Solutions**” and “ **Geotechnical Solutions for Ground Heaving Problems in Marine Clay**” at National Seminar on “Problematic Solutions – Geotechnical Solutions”, Organised during October 1-2, 2008 by Department of Civil Engineering, Andhra University and Indian Geotechnical Society, Visakhapatnam Chapter.
24. Delivered Lecture on “Significance of Bearing Capacity of Clayey Subgrade in Flexible Pavement Design and Performance” at Workshop on “Pavement Performance, Maintenance and Planning”, Held at A.U. College of Engineering, Visakhapatnam on July 31, 2008.
25. Delivered a Guest lecture on “Ground Improvement Techniques for Marine Clays” at STTP on “Design of Coastal and Offshore Structures” sponsored by DST, New Delhi held at A.U. College of Engineering, Visakhapatnam during February 4-8, 2008

26. Delivered a lecture on “Flexible Pavement Design & Construction **Over Expansive Soils**” at workshop on Geotechnical Challenges in Civil Engineering Projects Held at A.U. College of Engineering, Visakhapatnam during October 1-2, 2007.
27. Delivered a lecture on “**Significance of Bearing Capacity of Clayey Subgrade in Flexible Pavement Design**” at workshop on Pavement Construction over Clayey Subgrades with special reference to Expansive Soils Held at KITS, Warangal During October 21-22, 2005.
28. Delivered a lecture on “**Flexible Pavement Construction over Expansive Soils**” at workshop on Pavement Construction over Clayey Subgrades with special reference to Expansive Soils Held at KITS, Warangal during October 21-22, 2005.
29. Delivered a lecture on **Pavement Construction Practices in Expansive Soils** at workshop on “Construction Techniques for Foundations and Pavements on Expansive Soils” organised by Guntur Local Chapter of Indian Geotechnical Society on 5th March 2004.
30. Delivered a Guest lecture on “**Ground Improvement in Soft Clay Deposits using vertical drains**” at Engineering Staff College of India on August 19, 2004.
31. Delivered a Guest lecture on “**Flexible Pavement Construction over Expansive Soils**” at Engineering Staff College of India, Hyderabad on August 19, 2004.

10. Technical Sessions Chaired

- Chaired a session on “Foundations” during Indian Geotechnical Conference 2018 organised by IGS Bangalore Chapter and IISc., Bangalore during December 13-15, 2018.
- Chaired a session on “Ground Improvement Techniques for Transport Geotechnics” at International Symposium on Geotechnics of Transportation Infrastructure organized by Indian geotechnical society Delhi chapter in association with IIT Delhi and International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE) during April 7-8, 2018 at IIT Delhi
- Chaired a session on “Ground Improvement and Geosynthetics” during Indian Geotechnical Conference held at IIT Guwahati, during December 17-19, 2017.
- Chaired a session on “Ground Improvement and Geosynthetics” during Indian Geotechnical Conference held at IIT Madras, Chennai during December 15-17, 2016.
- Chaired a session on “Foundations for Urban Infrastructure” during Indian Geotechnical Conference held at Pune during December 17-19, 2015.
- Chaired a Session on “during Indian Geotechnical Conference 2014 held at JNTU, Kakinada during December 17-19, 2014.
- Chaired a session at National Symposium on Geotechnical Practices Organised by JNTU, Hyderabad and IGS Hyderabad Chapter on 10th November 2012.
- Chaired a Technical session at 1st Young Geotechnical Engineers Conference of A.P., held at IIT Hyderabad on 31st March 2012.
- Chaired a session on “Characterization and Site Investigation of soils” at Indian Geotechnical Conference 2010 held at Guntur.
- Chaired sessions on “Geotechnical and Transportation Engineering” at National Level Civil Engineering Students Symposium “ACCESS-07” and “ACCESS-08” held at A.U. College of Engineering, Visakhapatnam during September 14-15, 2007.

- Chaired a session on Developments in Geotechnical and Transportation Engineering at national conference on Recent Developments in Civil Engineering (RACE) held at K.I.T.S., Warangal, December 29-30, 2003.

11. Books/ Monographs/ Proceedings

- Edited the proceedings of seminar on “Geotechnical Challenges in developing Coastal cities “ Organised at A.U College of Engineering during March 5-6, 2016 in association with IGS Visakhapatnam chapter (supported by TEQIP)
- Edited the proceedings copy of seminar on “Geotechnical Engineering Significance in Urban Infrastructure Projects” Organised by Department of Civil Engineering, A.U College of Engineering in association with IGS Visakhapatnam chapter (supported by TEQIP) on October 2, 2015
- Edited the proceedings volume of workshop on “Beach Erosion Mitigation with Geosynthetics” Organised by Department of Civil Engineering, A U College of Engineering Engineering in association with IGS Visakhapatnam chapter (supported by TEQIP) on March 6, 2015
- Edited the Proceedings copy of National Seminar on “Soil Stability – Related Issues” organized at A.U. College of Engineering, Visakhapatnam during March 21, 2014, organized by Under TEQIP Phase –II, A.U and IGS Visakhapatnam Chapter.
- Edited the Proceedings copy of National workshop on “Foundation Systems for Problematic Soils” at Chaitanya Engineering College, Visakhapatnam during March 7-8, 2014, organized by Chaitanya Engineering College and IGS Visakhapatnam Chapter.
- Edited the Proceedings copy of National workshop on “Significance of Rock Mechanics in Civil Engineering”, at A.U. college of Engineering, Visakhapatnam during October 1-2, 2012 in association with IGS Visakhapatnam Chapter (Under TEQIP phase –II)
- Edited the proceedings copy of National seminar on “Soil Retaining by Reinforcing Techniques” Organised on October 22, 2011 at A.U. College of Engineering, Visakhapatnam.
- Edited the proceedings copy of National Workshop on “ Soil Investigations – Case Studies”, Organised by Department of Civil Engineering, A.U. College of Engineering, Visakhapatnam during October 1-2, 2010.
- Edited the Proceedings of National Seminar on “Solid Waste management and Engineered Landfills” Organised by Department of Civil Engineering, A.U. College of Engineering, Visakhapatnam during October 3-4, 2009.
- Edited the Proceedings of Seminar on “Deep Foundations and Related Issues” Organised by Department of Civil Engineering, A.U. College of Engineering, Visakhapatnam on March 15, 2009.
- Edited the Proceedings of National Workshop on “Geotechnical Challenges in Civil Engineering Projects” Organised by Department of Civil Engineering, A.U. College of Engineering, Visakhapatnam during October 1-2, 2008.
- Edited the Souvenirs of Civil Engineering Students Symposia ‘ACCESS-07’ and “ACCESS-08” Organised by Department of Civil Engineering, A.U. College of Engineering, Visakhapatnam during September 15-16, 2007 and September 14-15, 2008.
- Reviewed manuscript of a Textbook on ‘Geotechnical Engineering’ authored by Prof. S.K. Gulati and Prof. Manoj Datta, IIT Delhi, published by Tata Mc. Graw Hill Publishing Co., New Delhi.
- Edited the Proceedings of a Two Day Workshop on “Pavement Construction over Clayey Subgrades with special reference to Expansive Soils’ Held at K.I.T.S., Warangal during October 21-22, 2005.

- Edited the Proceedings of National Conferences on “Developments in Engineering & Technology(DIET)” held on March 23, 2003 and “Recent Advancements in Civil Engineering” held on 29-30, December, 2003 at K.I.T.S., Warangal

12. R&D Projects

- Acting as Coordinator of DST-FIST Programme sanctioned to Department of Civil Engineering during the period 2017-2022. Cost of project: 1.6crore
- Coordinated UGC – SAP Programme sanctioned to Department of Civil Engineering During the financial Year 2012-2013. Cost of Project: 58.4 Lakhs. Project Duration: 5 Years.
- Served UGC Nominee in Advisory Committee for UGC –SAP of Jadhavpur University, Kolkata for the term 2012-2017
- Completed a **Research Project** on “Potential of Anchored Geotextiles at Expansive subgrades in Flexible Pavements for Performance Improvement” funded by **Department of Science & Technology, New Delhi** under **young Scientist Scheme funded** during financial year 2004-2005 and submitted Final Report in June 2008.

13. Short Term Courses/ Conferences/ Seminars/ Workshops/Training Programmes

a) Short Term Courses Attended

S.No	Name of the Course	Organising Institution	Duration
1.	Geosynthetic Reinforced Soil Structures : Analysis, Design and Construction	Indian Institute of Technology, Madras.	December 3-11, 1994.
2.	Marine Geotechnology	S.V.U college of Engineering, Tirupati.	July 21-26, 1997.
3.	Foundations on Weak Deposits	Indian Institute of Technology, Madras.	December 21-25, 1998.
4.	Geosynthetics and Reinforced Soil Structures	Indian Institute of Technology, Madras	December 11-23, 1999.
5.	Technology Evaluation and Upgradation in the Functional Areas of Ceramic Manufacturing Systems	K.I.T.S., Warangal.	December 11-23, 2000.
6.	Ground Improvement Methods for problematic Soils.	Regional Engineering College, Warangal.	January 1-12, 2001.
7.	Geotechnical Aspects of Earthquake Engineering	Indian Institute of Science, Bangalore	September 6-11, 2004.
8.	Perspectives of Offshore Engineering	Indian Institute of Technology, Madras	November 19-23, 2012
9.	Design of Road Bridges	Indian Institute of Technology, Bhubaneswar	May 9-11, 2014
10.	Seismic Design of Multistorey Buildings: Is 1893 Vs Eurocode 8	National Institute of Technology, Nagpur	December 7-9, 2014
11.	Academic Leadership Programme for TEQIP Institutions	Indian Institute of management, Kozhikode	October 26-31, 2015

b) Conferences Attended

- Indian Geotechnical Conference 1992 held at Calcutta during December 18-20, 1992
- Indian Geotechnical Conference 1994 held at REC., Warangal during December 15-17, 1994
- Indian Geotechnical Conference 2000 held at IITBombay during December 13-15, 2000

- Indian Geotechnical Conference 2001 held at Indore during December 14-16, 2001
- National Seminar on Geosynthetics India –2004, held at Indian Institute of Technology, Delhi, October 2004.
- Indian Geotechnical Conference 2004 held at NIT, Warangal during December 17-19, 2004
- Indian Geotechnical Conference 2006 held at IIT Madras, Chennai during December 14-16, 2006
- Indian Geotechnical Conference 2008 held at IISC., Bangalore during December 17-19, 2008
- Indian Geotechnical Conference 2009 held at Guntur during February 18-20, 2010
- Indian Geotechnical Conference 2010 held at IITBombay, Mumbai during December 16-18, 2010.
- Indian Geotechnical Conference 2011 held at Kochi during December 15-17, 2011
- Indian Geotechnical Conference 2012 held at IIT, Delhi during December 13-15, 2012
- National Seminar on Embankments: Design and Constructions, Organised by IGS Chennai Chapter (March 9, 2013)
- 4th International Conference of Forensic Geotechnical Engineering held at Bangalore (Jan 10-12, 2013)
- Indian Geotechnical Conference 2014 held at JNTU, Kakinada during December 18-20, 2014
- Indian Geotechnical Conference 2015 held at CoE, Pune during December 17-19, 2015
- International Conference on “Sustainability in Geotechnical Engineering Practices and Related Issues”, Organised by IGS and ISSMGE, Held at Mumbai, September 23-24, 2016.
- 6th Asian Regional Conference on Geosynthetics held at New Delhi During November 8-11, 2016
- Indian Geotechnical Conference 2016 held at IITMadras, Chennai during December 15-17, 2016
- Indian Geotechnical Conference 2017 held at IITGuwahati during December 14-16, 2017.
- International Conference on Geotechnics for Transportation Infrastructure at IIT Delhi during April 7-8, 2018 Organised by IGS Delhi chapter and ISSMGE
- Networking Workshop on Contaminated Sites: Subsurface Investigations and Remediation, July 12th & 13th 2018, Geotechnical and geoenvironmental Engineering Group, IIT Delhi.
- Indian Geotechnical Conference 2018 held at IISc., Bangalore during December 13-15, 2018
- International Symposium on “Geotechnical Aspects of Heritage Structures” held at IITMadras, Chennai during September 16-18, 2019.
- Indian Geotechnical Conference 2019 held at Surat during December 19-21, 2019.

C) DETAILS OF CONFERENCES/WORKSHOPS/SEMINARS/ SYMPOSIA ORGANISED

S.No.	Title of the event	Details of Event	Place and Date with Sponsoring Agency
1.	Role of Piles in Soil Retention in Deep Excavations and Deep Foundations	Seminar	October 1-2, 2019 TEQIP, AU College of Engineering & IGS Visakhapatnam Chapter
2.	Advanced Geosynthetics for Ground Improvement for practicing Engineers	Seminar	June 18, 2019 IGS Visakhapatnam Chapter and

			M/s TENCATE Geosynthetics
3.	Earthquake Risk Mitigation and management	Training Programme	A.U. College of Engineering October 8-12, 2018 (NIDM, New Delhi)
4.	Good Construction Practices	Workshop	A.U. College of Engineering October 1-2, 2018 IGS VSKP Chapter and ICI VSKP Chapter
5.	Latest Trends in Civil Engineering	Seminar	S.R.K.R Engineering College March 3, 2018 (IGS, VSKP CHAPTER)
6.	Research Facilities for Studies on Soil Liquefaction, Fire Affected Structures and Coast Protection Structures	Workshop	A.U. College of Engineering March 27, 2017 (UGC)
7.	Geotechnics for Expansive Soils	Seminar	S.R.K.R Engineering College March 18, 2017 (IGS VSKP)
8.	Significance of Geotechnical Engineering in Hydraulic Structures	Workshop	A.U. College of Engineering October 1-2, 2016 (TEQIP and IGS, VSKP)
9.	Heat Affected Concrete Structures	Seminar	A.U College of Engineering March 28, 2016 (TEQIP and UGC, New Delhi)
10.	Geotechnical Challenges in Developing Coastal Cities	Seminar	A.U College of Engineering March 5-6, 2016
11.	Geotechnical Engineering Significance in Urban Infrastructure Projects	Seminar	A.U College of Engineering October 2, 2015 (TEQIP, IGS)
12.	Mitigation of Seismic Effects on Infrastructure Projects	Seminar	A.U College of Engineering March 30, 2015(UGC SAP)
13.	Beach Erosion Mitigation with Geosynthetics	Workshop	A.U College of Engineering March 6, 2015 (TEQIP, IGS)
14.	ACCESS-2014	Student Symposium	A.U College of Engineering September 15, 2014 (TEQIP)
15.	Soil Stability – Related Issues	Seminar	A.U College of Engineering March 21, 2014 TEQIP, IGS)
16.	Foundation Systems for Problematic Soils	Workshop	Chaitanya Engineering College, March 7-8, 2014
17.	Ground Engineering Techniques	Workshop	A.U College of Engineering April 2, 2013 (TEQIP)
18.	Significance of Rock Mechanics in Civil Engineering	Workshop	A.U College of Engineering October 1-2, 2012 (TEQIP, IGS)
19.	Earth Retaining by Reinforcing Techniques	Workshop	A.U College of Engineering October 22, 2011 (IGS)
20.	Dynamics of Soil	Seminar	A.U College of Engineering April 16, 2010
21.	Material Testing	Community Service Programme	A.U College of Engineering March 4-5, 2009 (TEQIP Phase I)
22.	Ground Engineering Techniques	Workshop	A.U College of Engineering April 2, 2010 IGS, Keller Ground Engineering (I) Pvt. Ltd)
23.	Soil Investigations – Case Studies	Workshop	A.U College of Engineering October 1-2, 2010 (IGS)
24.	Solid Waste Management and Engineered Landfills	Workshop	A.U College of Engineering October 3-4, 2009 (IGS, IEI)
25.	Deep Foundations- Related Issues	Seminar	A.U College of Engineering March

			15, 2009 (TEQIP, IGS)
26.	Pavement Performance, Maintenance and Planning (PPMP-08)	Workshop	A.U College of Engineering July 31, 2008
27.	Problematic Soils- Geotechnical Solutions	Workshop	A.U College of Engineering October 1-2, 2008
28.	Geotechnical Challenges in Civil Engineering Projects	Workshop	A.U College of Engineering October 1-2, 2007
29.	ACCESS-2007	Student Symposium	A.U College of Engineering September 14-15, 2007
30.	ACCESS – 2008	-do-	A.U College of Engineering September 15-16, 2008
31.	ACCESS – 2014	-do-	A.U College of Engineering September 15, 2008 (TEQIP)
32.	Pavement Construction over Clayey Subgrades with special reference to Expansive Soils	workshop	KITS, Warangal October 21-22, 2005 (ICC)
33.	Developments in Engineering and Technology	National Conference	KITS, Warangal March 23, 2003 (IEI)
34.	Recent Advancements in Civil Engineering	National Conference	KITS, Warangal December 29-30, 2003
35.	CIVICOM –99	Student Symposium	KITS, Warangal February 27, 1999

14. Ph.D Guidance: Completed: 08 & Ongoing: 14

15. M.Es Produced: 91

16. Awards/Honors/Medals

- Received Dr. Sarvepalli Radhakrishnan Best Academician Award 2014 from Andhra University for Excelling in Teaching, Research and Consultancy
- Biography has been included in **Marquis Who's Who** Edition of 2010
- Received **Engineer of the Year Award for the year 2006** from Government of Andhra Pradesh and The Institution of Engineers (India), A.P State Centre, Hyderabad.
- Received **Siddhartha Gold Medal** for Securing the **First Rank of Nagarjuna University in B.Tech (Civil Engg.)** for the year **1990**.

17. Reviewer for Journals: Serving as Reviewer for

- Indian Geotechnical Journal
- ASCE Journal of Materials in Civil Engineering
- International journal of Pavement Research and Technology
- Journal of China University of Mining and Technology
- International Journal of Earth Sciences and Engineering.
- Journal of Civil Engineering published by The Institution of Engineers (India), Calcutta.

18. Consultancy Projects

- Serving as Inspecting authority on Third Party Quality Control Works of Vamsadhara and Polavaram Projects.
- Serving as Geotechnical consultant for various public works departments such as Airport Authority of India, NHAI, DGNP, MES, R&B,, Panchayat Raj, Irrigation, Tribal Welfare

Department, Public Health Engg. Department etc., APMHIDC, APPHC, APIIC, APSHC, Housing Board, VSP, VPT, Singareni Collieries Company Limited, HPCL,VUDA, GVMC, Indian Railways, RITES, Brandix, Jurong etc. and consulting organisations such as Balmer & Lawrie, AARVEE Associates, HCC, NCC,ITDC, IDDC, SGS etc.

- Acted as **Coordinator** of Industrial Consultancy Cell (**ICC**) of K.I.T.S., Warangal during the period 2003-2006 and monitored various consultancy services offered by the institute to various organisations.

Major Projects Handled

- Handled execution of Waste Containment project at Hindustan Zinc Limited, Visakhapatnam, wherein the containment bund is built using Zinc Slag reinforced by Geogrids.
- Soil Investigations for Visakhapatnam and Rajahmundry Airport Expansion works for Airport Authority of India.
- Prepared detailed soil investigations Required for VSP, VPT, Gangavaram Port, NSTL, APMHIDC, Indian Railways, R&B, Panchayat Raj and Irrigation Departments, Department of Posts, Brandix, GVMC etc for construction of various infrastructure projects.
- Soil Investigation and Foundation design for Multistoried constructions, Bridges of The Singareni Collieries Company Limited, Kothagudem
- Monitoring the Various works of Vamsadhara and Polavaram Projects
- Investigated into Ground heaving problem at Visakhapatnam Port Trust area and submitted a technical report to District Collector, Visakhapatnam.
- QA & QC Assessment of Pharmaceutical Engineered Landfills
- Forensic Geotechnical Investigations

19. Details of Nominations/Elections to State and National Bodies and Professional Bodies

- Got Nominated as Regular member in H-4 Committee on Embankment, Ground Improvement and Drainage Committee for the year 2018-20 by Indian Roads Congress (IRC) for the period 2018-2020
- Got Elected to National Executive Committee of Indian Geotechnical society for the Term 2019-2020. Also, served as Member of National Executive Committee of IGS for the terms 2009-2010 and 2013-2014, 2015-2016, 2017-2018.
- Nominated as UGC Nominee in advisory Committee for UGC SAP (DRS-1) programme of Jadhavpur University, Kolkata for the term 2012-2017
- Nominated to represent IGS on International Technical Committee TC 213 on "Scour and Erosion" of International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) for the term 2018-2021.
- Serving as Chairman of Indian Geotechnical Society, Visakhapatnam Chapter since 2016.
- Served as Honorary Secretary, IGS Visakhapatnam Chapter during 2007-2015
- Got Nominated as Member, Task Force Committee, Nellore District for inspection of Engineering colleges appointed by Department of Technical Education, Government of Andhra Pradesh during 2012-2013.
- Served as Joint Secretary of The Institution of Engineers (India), Warangal Local Centre during the period 2003-2005.

20. Administrative Assignments / Positions Held

- Serving as Member, Board of Studies in Civil Engineering for Andhra University, JNTU - Kakinada, RVR & JC College of Engineering, Guntur, ANITS, Sangivalasa, Visakhapatnam and GVP college of Engineering, Rushikonda
- Acting as Co-coordinator for DST-FIST Programme of Civil Engineering Department since 2018.
- Served as Coordinator for UGC-SAP (DRS-1) Programme of Civil Engineering Department During the period 2012-2017.
- Serving as Coordinator for NBA SAR Preparation for Civil Engineering Department of AUCE.
- Served as Director, A.U. Development Centre During February 15, 2013 to October 25, 2017.
- Served as expert committee member for AICTE inspections to Engineering Colleges during February 2013 to September 2015.
- Served as Member, Task Force Committee, Nellore District for inspection of Engineering colleges appointed by Department of Technical Education, Government of Andhra Pradesh. during 2012-2013.
- Served as observer (appointed by FRAC, APSCHE for EAMCET-2012 admissions.
- Served as observer (appointed by FRAC, APSCHE for EAMCET-2013 admissions conducted by JNTU Hyderabad
- Served as Member of Confidential team APEAMCET 2015
- Served as member, Advisory Committee, ANU College of Engineering, Nagarjuna Nagar, Guntur Dist, 2009
- Served as Associate Nodal Officer, TEQIP at A.U College of Engineering during the period April 2007 to October 2008.
- Served as Member, Board of Studies, J N T University, Hyderabad during the period 2007-2009. And also served as member, BOS for the term 2012-2014.
- Served as Member, Board of Studies, Kakatiya University, Warangal during the period 2003-2006
- Served as member, Advisory Committee, ANU College of Engineering, Nagarjuna Nagar, Guntur Dist. during 2008-2009.
- Served as Member, Departmental Research Committee, Andhra University during 2006-2010 and 2013-2016
- Served as member, Department Committee, Civil Engineering Department during 2011-2016.
- Served as Head, Geotechnical engg. Division during December 2009 - December 2012 and December 2015 to December 2018.
- Serving as Member, Board of Studies, Andhra University since 2007.
- Serving as Member, Board of Studies in Civil Engineering, RVR & JC College of Engineering (Autonomous), Guntur since 16-04-2014.
- Serving as Member, Board of Studies in Civil Engineering, Vishnu Engineering College, Bhimavaram, Kakatiya Institute of Technology & Science, Warangal.

- Served as Selection Committee member, faculty recruitments of Nagarjuna (April 2017), Sri Venkateswara and JNT Universities Kakinada (December 2012) and Hyderabad, RGUKT (January 2014), SRKR Engineering College(December 2015) and ANITS (May 2017)
- Served as Member, Board of Officers (Procurement Board) NATIONAL GEOTECHNICAL FACILITY(Supported by DST) at Indian Institute of Surveying and mapping campus, Survey of India, Hyderabad in the year 2010.

20. Details of Fellowships/Memberships of Professional Bodies

- Life Fellow of Indian Geotechnical Society – LF 411.
- Life Fellow of The Institution of Engineers (India) – F115962-5
- Member of International Society of Soil Mechanics and Geotechnical Engineering
- Life Member of Indian Concrete Institute = LM 10533
- Life Member of Indian Roads Congress – LM 38760
- Life Member of Indian Society of Technical Education – LM 12705.
- Life Member of Indian Society for Rock Mechanics and Tunneling Technology – LM 773.

Dr. C.N.V. SATYANARAYANA REDDY

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