

CURRICULUM VITAE

Name : **Dr. VENKATA NARASIMHA REDDY. GUDURU**
B.Tech.(REC Warangal), M.Tech. (KREC Surathkal), Ph.D. (JNTU Hyderabad)
Date of Birth : 03-01-1973
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1. ACADEMIC RECORD (starting with Bachelor's Degree)

DEGREE	INSTITUTION/ UNIVERSITY	YEAR OF PASS	CLASS	Area of Specialization	%of Marks	REMARKS
B.Tech.	REC, Warangal, (Renamed as NIT) T.S., INDIA	1996	First Class with Distinction	Civil Engineering	72.0	4 th Rank
M.Tech.	KREC, Surathkal, (Renamed as NITK) Karnataka, INDIA	1999	First Class with Distinction	Geotechnical Engineering	83.4	1 st Rank
Ph.D.	JNTU Hyderabad, T.S., INDIA	2008	---	Civil Engineering	---	---
Post Doc.	Florida International University, USA	2014	---	Civil Engineering	---	---

2. EMPLOYMENT DETAILS/ EXPERIENCE

DESIGNATION	ORGANIZATION	PERIOD	Duration
Design Engineer	MC Consulting Engineers (P) Ltd., Hyderabad, AP, INDIA	01-02-1999 to 10-12-1999	10 months
Lecturer	Vasavi College of Engg., Hyderabad, AP, INDIA	15-12-1999 to 16-12-2000	1 year 1 month
Assistant Professor	JNT University Hyderabad, AP, INDIA	20-12-2000 to 06-10-2005	4 years 10 months
Assistant Professor (Senior Scale)	JNT University Hyderabad, AP, INDIA	06-10-2005 to 05-10-2009	4 years
Assistant Professor (Sel. grade)	JNT University Hyderabad, AP, INDIA	06-10-2009 to 24-02-2010	5 years 10 months
Associate Professor	JNT University Hyderabad, AP, INDIA	25-02-2010 to 31-12-2015	
Professor	JNT University Hyderabad, AP, INDIA	01-01-2016 to Till date	7 years 6 months
Total Experience			24+ years

3. ENTRANCE/ COMPETITIVE EXAMINATIONS CONDUCTING EXPERIENCE

Coordinator EAMCET-2012	Entrance test conducted by JNTUH for Erstwhile state of AP	Dec. 2011 to Jul. 2012	conduct of EAMCET Entrance Examination for admission into Professional Colleges in Telangana and Andhra Pradesh State, Processing and Declaration of Results and issue of Rank Cards
Coordinator EAMCET-2013	Entrance test conducted by JNTUH for Erstwhile state of AP	Dec.2012 to Jul. 2013	
Coordinator EAMCET-2014	Entrance test conducted by JNTUH for Erstwhile state of AP	Dec.2013 to Jul. 2014	
Coordinator TS ECET-2016	Entrance test conducted by JNTUH for Telangana State	Dec.2015 to Jul. 2016	
Coordinator TS EAMCET-3-2016	Entrance test conducted by JNTUH for Telangana State	Aug.2016 to Oct. 2016	
Coordinator TS EAMCET-2017	Entrance test conducted by JNTUH for Telangana State	Jan.2017 to Jul. 2017	
Co-Convener TS EAMCET-2018	Entrance test conducted by JNTUH for Telangana State	Jan.2018 to Jul. 2018	Conducting Recruitment test of Telangana State- Processing and Declaration of Results and preparation of merit list
Co-Convener	TSGENCO recruitment test (JLMRT)	Oct.2017 to Feb. 2018	
Convener AMJAORT-2018	TSGENCO recruitment test-(AMJAORT)	Apr.2018 to Aug.2018	
Co-Convener TREIRBT-2018	Telangana Residential Educational Institutions Recruitment Board	Aug.2018 to Dec.2018	
Co-Convener PRREDRT-2018	Telangana State, Panchayath Raj and Rural Employment Dept.	Aug.2018 to Feb.2019	
Co-Convener KNRUHSRT-2019	KNR University of Health Sciences Recruitment Test	October, 2019	
Co-Convener TS EAMCET-2019	Entrance test conducted by JNTUH for Telangana State	Jan.2019to Jul. 2019	conduct of EAMCET Entrance Examination for admission into Professional Colleges in Telangana, Processing and Declaration of Results and issue of Rank Cards
Co-Convener Pr Test-2021	Telangana State, Panchayath Raj and Rural Employment Dept.	Sep.2021to Jan.2022	Conducting Recruitment test of Telangana State- Processing and Declaration of Results.

4. ADMINISTRATIVE/ ADDITIONAL DUTIES EXPERIENCE			
Designation	Organization	Duration	Roles and Responsibilities
Dy. Warden	JNT University College of Engg., Hyderabad	Mar., 2005 to Mar., 2007	Maintaining Mess and Discipline in the Krishna Hostel
Officer In- charge of Examination	JNTU Hyderabad College of Engineering.	May 2009 to Oct. 2010.	Conduct of Examinations for JNTUH College of Engineering, Processing of Results and Declaration of Results
Addl. Controller of Examination	JNT University Hyderabad	Oct. 2010 to Sept. 2011	Conduct of Examinations for 400+ University Affiliated Colleges, Results Processing and Declaration of Results
Hostel Manager (Chief Warden)	JNTU Hyderabad College of Engineering.	July 2012 To Aug.2014	Maintaining Discipline, Purchasing and Mess Accounts in all the Hostels.
Procurement Coordinator for TEQIP-III	JNTU Hyderabad College of Engineering.	2014-2017	Monitoring the Procurement process
Procurement Coordinator for COE-I	JNTU Hyderabad College of Engineering.	2014-2017	Monitoring the Procurement process
Procurement Coordinator for COE-II	JNTU Hyderabad College of Engineering.	2017-2020	Monitoring the Procurement process
Professor I/C of Library	JNTU Hyderabad College of Engineering.	2019-tilldate	Supervision of Library activities and its development
Vice Principal	JNTUH University College of Engineering, Science and Technology Hyderabad.	2Dec.2022 - till date	Supervision of Examination Branch, academic Section and Scholarship Section and other college administrative activities assigned by the College/University

5. SPONSORED PROJECTS				
Period	Sponsoring Organization	Title of Project	Amount of Grant (Lakhs)	Co-Investigators (if any)
2007 to 2012	University Grants Commission (UGC), New Delhi, INDIA	Environmental Engg.- Remediation of Contaminated Water and Soil	32.0 Lakhs	Dr. M. Vishwanadham, Dept. of Civil Engg., JNTU Hyderabad

2012 to 2014	Center for Fly ash Research Management (C-FARM), New Delhi, INDIA	Scientific Study on Slope Stability of overburden dump along with Fly Ash admixture and Field Monitoring of Stability of O.B. Dump at Bhupalapally Opencast Mine, SCCL, INDIA	6.65 Lakhs	Dr. Jayanthu, S, Dept. of Mining, NIT Rourkela Joint Project of NIT Rourkela and JNTU Hyderabad
2014 to 2017	TEQIP-Centre of Excellence	Centre of Excellence-Disaster Management	500 .00Lakhs	Dr. K.M.Lakhmana Rao, Dr. D. Srinivasa Rao
Sep. 2017 to Sep. 2020	Centre of Excellence-II	Centre of Excellence on Disaster Management-Dynamic Analysis of Slope Stability	300 .00 Lakhs	Dr. K.M.Lakhmana Rao, Dr. D. Srinivasa Rao

6. PUBLICATIONS (64 Papers)

International Journals (14 Papers)

1. **Narasimha Reddy, G.V.**, Madhav, M.R. and Saibaba Reddy, E. (2008). **"Analysis of Reinforced Soil Wall based on Kinematics -Effect of Transverse Displacement"**, *International Journal of Geotechnical Engineering*, J. Ross Publishing, Inc, 2(2), 143-151.
2. **Narasimha Reddy, G.V.**, Madhav, M.R. and Saibaba Reddy, E. (2008). **"Pseudo-Static Seismic Analysis of Reinforced Soil Wall -Effect of Oblique Displacement"**, *Geotextile and Geomembranes Journal*, Elsevier, 26(5), 393-403.
3. **Narasimha Reddy, G.V.**, Madhav, M.R. and Saibaba Reddy, E. (2009). **"Kinematics and Analysis of Reinforced Soil Wall – Linear Backfill Response"**, *International Journal of Geotechnical Engineering*, J. Ross Publishing, Inc, 3(1), 39-50.
4. **Narasimha Reddy, G. V.**, Choudhury, D., Madhav, M.R. and Saibaba Reddy, E. (2009). **"Pseudo-Dynamic Analysis of Reinforced Soil Wall Subjected to Oblique Displacement"**, *Geosynthetics International*, Thomas Telford, 16(2), 61-70.
5. Saibaba Reddy, E., Sina Borzooei and **Narasimha Reddy, G. V. (2012)**, **"Interference between Adjacent Footings on Sand"**, *International Journal of Advanced Engineering Research and Studies*, 1 (4), 95-98.
6. Saibaba Reddy, E., Sina Borzooei and **Narasimha Reddy, G. V. (2012)**, **"Effect of Ground Moisture on Spread of Contaminants in Sand Deposit-An Experimental Study"**, *International Journal of Earth Sciences and Engineering*, 5(6), 1560-1566.
7. Akshay Kumar Jha, Madhav Madhira and **G.V.N. Reddy (2016)**. **"Analysis of Effect of Reinforcement on Stability of Slopes"** *International Journal of Earth Sciences and Engineering*, 9(3), 1-6.
8. Ravichandra, A.P., Madhav, M.R., **Narasimha Reddy, G.V.**, and Padmavathi, V. (2017), **"Performance of Model Gabion Type Retaining Walls Built using Cylindrical Cells: A Laboratory Study**, *International Journal of Geosynthetics and Ground Engineering*, 4:18,1-11

9. Hariprasad Chennarapu, Thejesh Kumar Garala, Rajasekhar Chennareddy, Umashankar Balunaini and **G. Venkata Narasimha Reddy** (2018), "Compaction Quality Control of Earth Fills Using Dynamic Cone Penetrometer", ASCE Journal of Construction Engineering and Management, (ISSN 0733-9364), 144(9): 04018086, 1-10.
10. Akshay Kumar Jha, Madhav M.R. and **Reddy GVN** (2018),"Analysis of Effect of Reinforcement on Stability of Slopes and Reinforcement Length optimization", Geotechnical Engineering Journal of the SEAGS & AGSSEA, 49 (4),1-5. [ISSN 0046-5828]
11. Akshay Kumar Jha, Madhav Madhira & **Reddy G. V. N.** (2018) Mechanics of Reinforcement – Slope Interactions, Journal of Indian National Academy of Engineering (INAE Letters), SPRINGER,3(2),115-121. [ISSN: 2366-3278, 2366-326x]
12. Rajashekar Reddy. P, **Reddy G.V.N.** and E. Sai baba Reddy (2019) "Bearing capacity of Strip footing on reinforced foundation bed with inclined reinforcement" International Journal of Earth Sciences and Engineering,12(3), 07-16
13. Bala Padmaja S., **Narasimha Reddy G. V.** and Saibaba Reddy E. (2021) "Landslide Stability Analysis using Mathematical Approach", Elsevier Materials today. [doi.org/10.1016/j.matpr.2021.06.018]
14. Bala Padmaja S., **Narasimha Reddy G. V.** and Saibaba Reddy E. (2022), "**Stability Analysis of Landslides using Catastrophe Theory**". (Yantu Gongcheng Xuebao) Chinese Journal of Geotechnical Engineering, 44(4), 41–50.
<http://ytgcxb.periodicals.com/index.php/CJGE/article/view/89>

National Journals (3 Paper)

1. Jha A.K., Madhav Madhira and **Reddy G.V.N. (2018)**. "Analysis of Effect of Reinforcement on Stability of Slopes", Indian Journal of Geosynthetics and Ground Improvement, 7(1), 22-27. [ISSN:2277-5633]
2. Rajashekar Reddy. P, G.V.N. Reddy and E. Sai baba Reddy (2019) "Bearing capacity of Geosynthetic reinforced sand bed on problematic soil" Indian Journal of Geosynthetics and Ground Improvement 8(2), 08-18
3. Rajashekar Reddy, P., Narasimha Reddy G. V. and Saibaba Reddy, E. (2021), "Bearing Capacity of Geosynthetic reinforced CNS Soil bed on clay with inclined reinforcement considering Kinematics". Indian Journal of Geosynthetics and Ground Improvement, Vol. 10(2), pp. 16-24.

International Conferences (14 Papers)

1. **Narasimha Reddy, G.V.**, Madhav, M.R. and Saibaba Reddy, E. and Satyendra Mittal (2009). "**Pseudo-Dynamic Analysis of Reinforced Soil Wall- Effect of Kinematics of Sliding Mass Considering Linear Backfill Response**", Proceedings of the 17th International Conference on Soil Mechanics and Geotechnical Engineering, 5-9, October,2009, ALEXANDRIA, EGYPT, 1401-1404.
2. Krishna Karthik S., **Reddy G. V. N.**, Madhav M. R. and Umashankar B. (2012). "**Analysis of Reinforced Soil Wall Considering Stress Dependent Angle of Shearing Resistance**" Proceedings of 8th International Symposium on Lowland Technology September 11-13, 2012, Bali, Indonesia, 131-135.
3. Sina Borzooei, Saibaba Reddy, E., and **Narasimha Reddy, G. V. (2014)**, "**An experimental study about influence of viscosity of fluid on spread of contaminant in sand deposits**" Proceedings of 1st National Congress on Soil Mechanics and Foundation Engineering, Shahid Rajaee Teacher Training University, Tehran, Iran, 3-4 December 2014.

4. Sina Borzooei, Saibaba Reddy, E., and **Narasimha Reddy, G. V. (2014)**, “**Improvement of lateral and oblique pull-out capacity of piles in sand-An experimental study**”, Proceedings of 1st National Congress on Soil Mechanics and Foundation Engineering, Shahid Rajaei Teacher Training University, Tehran, Iran, 1-4 December 2014.
5. Akshay Kumar Jha, Madhav Madhira and **Reddy G.V.N. (2016)**. “**Analysis of Effect of Reinforcement on Stability of Slopes**” International Conference on Earth Sciences and Engineering, 17-18, June, 2016, 1-6 **(Best paper Award)**.
6. Bala Padmaja S, **Narasimha Reddy G.V.** and Saibaba Reddy E (2016), “**Stiffness Effect on Instability of Sliding Slope**”, Proceedings of 10th International Symposium on Lowland Technology September, 15-17, 2016, Mangalore, India, 101-106.
7. Bala Padmaja S, Narasimha Reddy G.V and Saibaba Reddy E (2016), “**Constitutive Equations of Elasto-Brittle and Elasto-Plastic Soils**”, Extended Abstract Volume of International Geotechnical Engineering Conference on Sustainability in Geotechnical Engineering Practices and Related Urban Issues”, September 23-24, 2016, Mumbai, India. **(Best paper Award)**
8. Jha A.K., Madhav Madhira and **Reddy G. V. N. (2016)**. “**Analysis of Effect of Reinforcement on Stability of Slope**” 6th Asian Regional Conference on Geosynthetics for Infrastructure Development, New Delhi, 8-11 November 2016, 47-55.
9. Bala Padmaja S, Narasimha Reddy G.V and Saibaba Reddy E (2016), “**Analysis of Rain Fall Induced Landslides Using Catastrophe Theory**”, Proceedings of 5th International Conference on Forensic Geotechnical Engineering, December, 8-10, 2016, IISc., Bangalore, India, 324-329.
10. Jha A.K., Madhav Madhira and **G.V.N. Reddy (2017)**. “**Analysis of Effect of Curtailment of Reinforcement on Stability of Steep Slopes**” Proceedings of the 19th International Conference on Soil Mechanics and Geotechnical Engineering, (ICSMGE), Seoul, Korea, 17-22. September, 2017, 2159-2162.
11. Akshay Kumar Jha, Madhav Madhira & **G V N Reddy**, (2018) "Analysis of Effect of Curtailment of Reinforcement on Stability of Steep Slopes and Interaction between Reinforcement Layers", 2nd International Conference on Advances in Concrete, Structural, and Geotechnical Engineering (ACSGE-2018), February 26-28, 2018, BITS Pilani, Rajasthan, India, 1-4
12. Akshay Kumar Jha, Madhav Madhira & **G V N Reddy**, (2018), Analysis of Effect of Reinforcement on Stability of Very Steep Slopes, Proceedings International Symposium on Geotechnics of Transportation Infrastructure, Transportation Geotechnics for Infrastructure Development, April 07-08, IIT Delhi, India, 349-353.
13. Rajashekar Reddy P., **Reddy G.V.N.** and Sai baba Reddy E. (2019) “Bearing capacity of Inclined Reinforced Sand bed on clay at “International Association for Computer Methods and Advances in Geomechanics (IACMAG) Symposium” IIT Gandhinagar 5-7 March-2019. DOI 10.1007/978-15-0886-8
14. Rajashekar Reddy. P, **G.V.N. Reddy** and E. Sai baba Reddy (2019) “Bearing capacity of Strip footing on reinforced foundation beds with inclined reinforcement” Proc., International Conference on Emerging trends in Engineering (ICETE) 22-23 March 2019, Osmania university- Hyderabad, 39-46.

National Conferences (33 Papers)

1. Narayana swamy setty, K.R., Ravi Shanker, A.U., **Narasimha Reddy, G.V. (2000)**. “**Uplift Behaviour of Granular Pile-Anchors in Expansive Soils**” Proceedings of Indian Geotechnical Conference, IIT Bombay, 305-306.

2. **G.V.N.Reddy, V.V.Reddy, B.Krishna Rao and R.Bhavani.** (2001). **"Cost Effective Containment of Industrial Waste"**, National Conference on Advanced Trends in Mechanical Engineering Research and Development, JNTUCE Anantapur, 458-462
3. Saibaba Reddy, E. and **Narasimha Reddy G. V.** (2004). **"Pollutant Spread in Layered Soil"** Proceedings of Indian Geotechnical Conference, REC Warangal, India, 519-521.
4. **Narasimha Reddy, G.V.,** Saibaba Reddy, E. and Madhav, M.R. (2005). **"Modelling of Leachate Flow- A Review"**, Proceedings of National Conference on Geotechnics in Environmental Protection, MNIT, Allahabad, VIII 26-31.
5. **Narasimha Reddy, G.V.,** Saibaba Reddy, E. and Madhav, M.R. (2006). **"Design Charts for Stability of R.E. Walls using Horizontal Slice Method"**, National Conference on Corrective Engineering Practices in Troublesome Soils (CONCEPTS), JNTUCE, Kakinada, 15-18.
6. **Narasimha Reddy, G.V.,** Madhav, M.R. and Saibaba Reddy, E. (2006). **"Design Charts for Pseudo-Static Seismic Stability of R.E. Walls using Horizontal Slice Method"**, Proceedings of Indian Geotechnical Conference (GEOINDEX), IIT, Chennai, 671-674.
7. **Narasimha Reddy, G.V.,** Madhav, M.R. and Saibaba Reddy, E. (2007). **"Seismic Stability of Reinforced Soil Walls based on Coulomb and Coherent Gravity Approaches using HSM"**, Proceedings of First Indian Geotechnical Engineers Conference, JNTUCE, Hyderabad, 149-154.
8. **Narasimha Reddy, G.V.,** Madhav, M.R. and Saibaba Reddy, E. (2008). **"Critical Failure Plane in Reinforced Soil Walls"**, Proceedings of Symposium on Engineering of Ground and Environmental Geotechnics (S EG²), JNTUCE, Hyderabad, 148-153.
9. **Narasimha Reddy, G.V.,** Madhav, M.R. and Saibaba Reddy, E. (2008). **"Pseudo-Static Analysis of Reinforced Soil Wall- Effect of Kinematics of Sliding Wedge Considering Linear Backfill Response"**, Indian Geotechnical Conference, 17-19, December, (GEOAGE-2008), IISc, Bangalore, 555-558.
10. **Reddy, G.V. N.,** Suresh, K. and Bala Padmaja, S. (2009). **"Effect of Admixtures on Clay Liner in Sorbing Nickel"** Proceedings of Indian Geotechnical Conference (GEOTIDE), Guntur, AP, 323-326.
11. **Narasimha Reddy, G.V.** and Madhav, M.R. (2010). **Effect of Oblique Pull on Reinforced Soil Wall Stability.** National Workshop on Geotechnical Engineering for Infrastructural Development, Mysore, 8-15.
12. **Reddy, G.V.N.,** Madhav, M.R. and Reddy, E.S. (2010). **Analysis of Reinforced Soil Wall: Effect of Kinematics and Non-linear Backfill Response.** IGC 2010, Mumbai, Vol. 1, 107-110.
13. Karthik, K. S., **Reddy, G.V.N.,** and Madhav, M. R. (2012). **Effect of Stress Dependent Angle of Shearing Resistance on the Stability of Reinforced Soil Wall.** 1st Young Geotechnical Conference of A.P (YGeoTech 2012,) March 31, 2012, Hyderabad, Paper No. 5.
14. Raghunath Prasad, M., Bhikshma, V. and **Venkata Narsimha Reddy, G.** (2013). **"Repair and Rehabilitation of Reinforced Concrete Beams (Structures)—A Literature Review"**. National Conference on Recent Advances in Structural Engineering, OU, Hyderabad, A.P., INDIA, 238-250. (ISBN: 978-93-82880-61-5)
15. Jayanthu, S. & **Reddy, G.V.N.** (2013). **"Slope Stability of Dump with Pond Ash as Admixture in Opencast Coal mine- A Case Study"** Workshop on Clean Mining Technologies- Extraction, Beneficiation, & Use, 3-4 May 2013, Bhubaneswar, ODISHA, INDIA, 128-130.
16. Bala Padmaja, S. **Narasimha Reddy, G.V.** and Saibaba Reddy, E (2014). **"Effect of Clay Liner Stabilized with Charcoal in Sorbing Nickel"** Proceedings of Indian Geotechnical Conference (IGC-2014), December, 2014, Kakinada, AP, INDIA, 1428-1432.
17. Bala Padmaja S, **Narasimha Reddy G.V** and Saibaba Reddy E (2016), **"A Catastrophe Theory for Planar Sliding Slope"**, Proceedings of Indian Geotechnical Conference (IGC-2016), 15-17, December, 2016, IIT Madras, Chennai, INDIA.[287]

18. Rajashekar Reddy P, **Reddy G V N** (2017), "**Bearing Capacity of Reinforced Foundation Bed on Problematic Soil**", Proceedings of 3rd National Conference on Innovative Research in Civil Engineering, 19-21 Jan., 2017, MREC, Hyderabad, 221-227
19. Saibaba Reddy E and **Narasimha Reddy G V** (2017), "**Determination of Shear Strength Characteristics Using Gravity Shear Box**", Proceedings of Conference on Numerical Modeling in Geomechanics (CoNMiG-2017), March,3-4,2017, IIT Roorkee, INDIA, 75-80
20. Akshay Kumar Jha, Madhav Madhira & GVN Reddy, (2017) "**Analysis of Effect of Reinforcement on Stability of Slopes with Marginal Soil**", Indian Geotechnical Conference 2017 GeoNEst, 14-16 December 2017, IIT Guwahati, India, 1-4.
21. Bala Padmaja S., G. V. Narasimha Reddy and E. Saibaba Reddy (2018) "Effect of Displacement Factor on Stability Analysis of Slope" Conference on Geotechnical applications (GeoApps-2018) in March-2018 held at JNTUHCE Hyderabad.
22. Rajashekar Reddy. P, **G.V.N. Reddy** and E. Sai baba Reddy (2018) "**Bearing capacity of Reinforced foundation bed on soft soil**" at Conference on Geotechnical applications (GeoApps-2018) in March-2018 held at JNTUHCE Hyderabad, 10-14.
23. Rajashekar Reddy P., **G. V. N. Reddy** and E. Saibaba Reddy (2020) "Kinematics and Bearing Capacity of Geosynthetic Reinforced CNS Soil bed on Clayey Soil with Inclined Reinforcement" National Conference on Geotechnical Applications, 24 Jan., 2020, JNTU Hyderabad, Hyderabad, 1-8.
24. Keerthi V. and **Narsimha Reddy G.V.** (2020) "Bearing Capacity of Square Footing on Reinforced Soil bed with Inclined Reinforcement", National Conference on Geotechnical Applications, 24 Jan., 2020, JNTU Hyderabad, Hyderabad, 14-19.
25. Bala Padmaja S., **Reddy G.V.N.**, and E. Saibaba Reddy (2020) "Effect of rainfall infiltration on the Stability of Soil Slopes", National Conference on Geotechnical Applications, 24 Jan., 2020, JNTU Hyderabad, Hyderabad,40-43.
26. Bonagiri Srikanth, Nandyala Darga Kumar, and **Narasimha Reddy G V** (2020) Compression Index of Demolished Building Waste Stabilized Clay" National Conference on Geotechnical Applications, 24 Jan., 2020, JNTU Hyderabad, Hyderabad,50-55
27. Raju V. and **Narasimha Reddy G.V.** (2020) "Experimental Study on Piled Raft in Sandy Soil Subjected to Eccentric Loading", National Conference on Geotechnical Applications, 24 Jan., 2020, JNTU Hyderabad, Hyderabad, 34-39.
28. Bala Padmaja S., **Narasimha Reddy G. V.** and Saibaba Reddy E. (2020), "Effect of Shear Modulus on Slope Stability Analysis", IGC-2020, Andhra University, Visakhapatnam, Dec. 17-19, 156-162.
29. Rajashekar Reddy P., **Reddy G. V. N.** and Saibaba Reddy E. (2020) "Bearing Capacity of Reinforced CNS Soil bed on clay with inclined reinforcement Considering Kinematics." IGC-2020, Andhra University, Visakhapatnam, 17-19 December,471-480
30. Venkatasubbaiah M.C. and Narasimha Reddy G.V. (2021) "Kinematic Analysis of Reinforced $c-\phi$ soil wall: Linear Backfill Response" Proceedings of Eighth India Young Geotechnical Conference, 21-23 Oct. 2021, IIT Madras, India.P137, 1-10
31. Shiva Bhushan J. Y. V., Madhav madhira and Narasimha Reddy G.V. (2021) "Simple Method for the Estimation of Bearing Capacity of Footings on Non-homogeneous Ground" Proceedings of Eighth India Young Geotechnical Conference, 21-23 Oct. 2021, IIT Madras, India. P032,1-8
32. Venkatasubbaiah M.C. and Narasimha Reddy G.V. (2021) "Seismic Stability of Reinforced Soil Wall using Horizontal Slice Method: Effect of Surcharge on cohesive frictional soils" Proceedings of India Geotechnical Conference, 16-18 Dec.2021, NIT Tiruchirapally, India, TH-07-021, 1-11

33. Shiva Bhushan J. Y. V., Madhav madhira and Narasimha Reddy G.V. (2021) "Effect of Compressibility on Bearing Pressure of Soft Ground" Proceedings of India Geotechnical Conference, 16-18 Dec.2021, NIT Tiruchirapally, India. TH-03-24, 1-7

7. ORGANISATION OF CONFERENCES/ SEMINARS/ WORKSHOPS

- 1) **National Workshop** - "Over view of Geoenvironmental Engineering" from **15-16 December, 2004** at JNTU College of Engineering, Hyderabad.
- 2) **National Conference**- "First Young Geotechnical Engineers Conference" from **2-3 March 2007** at JNTU College of Engineering, Hyderabad.
- 3) **National Symposium**- "Symposium on Engineering of Ground and Environmental Geotechniques" from **29Feb-01march, 2008** at JNTU College of Engineering, Hyderabad.
- 4) **National Seminar**- "Seminar on Recent Advances in Geotechnical Engineering", **19 September 2009** at JNTUH College of Engineering, Hyderabad.
- 5) **National Symposium**- "Symposium on Selected Topics in Geotechnical Engineering", **4 November, 2010**, at JNTU College of Engineering, Hyderabad
- 6) **National Symposium**- "Symposium on Geotechnical Applications", **15 April 2011**, at JNTU College of Engineering, Hyderabad
- 7) **National Symposium**- "Symposium on Geotechnical Practices", **4 October 2013**, at JNTU College of Engineering, Hyderabad.
- 8) **National Symposium**- "Symposium on Geotechnical Practices", **4 April 2014**, at JNTU College of Engineering, Hyderabad.
- 9) **National Workshop on** Geotechnical Practices, **27 Feb. 2015** at JNTUH College of Engineering, Hyderabad.
- 10) **National Workshop** on Ground Improvement and Geosynthetics, **29Aug. 2015** at JNTU College of Engineering, Hyderabad.
- 11) **National Workshop on** Geodisasters: Ground and Slope instability, **1 October, 2016** at JNTUH College of Engineering, Hyderabad.
- 12) **Symposium on Geopractices**, **14 October, 2017** at JNTUH College of Engineering, Hyderabad.

13) **Workshop on Geopractices, 23 November, 2019** at JNTUH College of Engineering, Hyderabad.

14) **National Conference on Geotechnical applications, 24 January, 2020** at JNTUH College of Engineering, Hyderabad.

8. PH.D. SUPERVISION		
Name of the Student/Scholar (with Admn. No.)	Title of Thesis	Year of Completion
Guided		
Akshay Kumar Jha (1203PH0516)	Analysis of Geosynthetic Reinforced Slopes of Rail/Road Embankment	2-11-2019
P. Raja Shekar Reddy (1403PH0503)	Effect of inclined reinforcement in improving the Bearing Capacity of Reinforced Sand Bed	19Jan 2022
Guiding		
Bala Padmaja, S (1403PH0501)	Slope Stability Analysis using catastrophic theory	Submitting
Y.V. Shiva Bhushan (1703PH0511)	bearing capacity of reinforced foundation on desiccated clays	In progress
M.C. Venkata Subbaiah (1703PH0529)	Analysis of Extensible sheet reinforced soil wall considering Kinematics	In progress
Ramya Krishna Vandanapu (1703PH0521)		In progress

9 M.TECH. Guided				
S. No	Course	Name of the Student (Admn. No.)	Title of Thesis	Year of Completion.
M.Tech. (Guided 27 thesis)				
1	M.Tech.(GEE)	Mallikarjuna Rao, B (03011D3909)	Sorption of Copper and Chromium metal contaminant in Soil	2005
2	M.Tech. (GEE)	Sujeeth Kumar, B.V. (03011D3904)	Sorption of Cadmium and Manganese metal contaminant in Soil	2005
3	M.Tech. (GEE)	Kathyayani, B.K (03011D3901)	A Study on Solid Waste Management and Design of Engineered landfill and Composting in L.B. Nagar Municipality, Hyd.	2006
4	M.Tech.(GTE)*	Narasimha Rao, D. (03021D1917)	Liquefaction studies on stabilized flyash	2006 \$
5	M.Tech.(GEE)	Lakshmi, I (04011D3909)	Stabilisation of Expansive Soil with Ferric Chloride and Rice Husk Ash	2006
6	M.Tech.(GEE)	Jyothirmmai, M. (04011D3917)	Stabilisation of Expansive Soil with Aluminium Chloride and Rice Husk Ash	2006

7	M.Tech.(GEE)	Sreenivasulu, J. (04011D4702)	Sorption Studies on Lead Contaminated soil	2009
8	M.Tech.(GEE)	Bala Padmaja, S (04011D3915)	Effect of Nickel Contaminant on Sorption Capacity in Clay Soil	2009
9	M.Tech.(GEE)	Krishna Karthik, S. (09011D3901)	Analysis of Reinforced Soil Wall considering stress dependent angle of shearing resistance.	2012
10	M.Tech.(GTE)	Govinda Rao. P (08012D1203)	Determination of Shear Parameters using Simple Shear Test	2013
11	M.Tech.(GTE)	Shaik Khajavali (08012D1208)	Effect of Reinforcement on Failure Plane in Reinforced Soil Walls	2014
12	M.Tech.(GTE)	Nitesh Goli (12011D1221)	Stability of Flyash Admixed Overburden Dump in Surface Mines	2015
13	M.Tech.(GTE)	G. Aditya Sagar (11011D1204)	Static and Seismic Slope Stability Analysis of Overburden Dump Soil with Admixed Flyash.	2015
14	M.Tech.(GTE)	K. V. Nageswara Reddy (10012D1207)	Effect of Vertical and Horizontal Stress dependent Angle of Shearing Resistance in the Analysis of Reinforced Soil Wall	2015
15	M.Tech.(GTE)	D. Siddu Ramulu (11012D1216)	Analytical and 3-D Numerical Comparison of Ultimate bearing Capacity of Shallow Foundations on Layered Soil.	2015
16	M.Tech.(GTE)	Ch. Rajashekar (11012D1213)	Rapid Evaluation of Field Compacted Soil using Dynamic Cone Penetration Test.	2016
17	M.Tech.(GTE)	D. Sidhu Ramulu (11012D1216)	Analysis and 3D numerical Comparison of Ultimate Bearing Capacity of Shallow Foundation on layered cohesive soil	2015
18	M.Tech.(GTE)	A. Ravi Chandra (11012D1205)	Analysis and Performance of Flexible Retaining Walls	2016
19	M.Tech.(GTE)	K. Harish Reddy (14011D1221)	Slope Stability Analysis of an Embankment using Geostudio	2017
20	M.Tech.(GTE)	K. Zubair (15011D1216)	Slope Stability Analysis using Displacement Factor	2018
21	M.Tech.(GTE)	Azhar Ali Syed (14011D1218)	Consolidation of clay soil with/without prefabricated vertical drains	2019
22	M.Tech.(GTE)	Bonagiri Srikanth (16011D1208)	Slope Stability of Clay soil stabilized with Demolished Waste	2019
23	M.Tech.(GTE)	B.Ashwini (16011D1202)	Slope stability analysis of single layer of geotextile reinforced embankment using GEOSTUDIO	2019
24	M.Tech.(GTE)	Vollala Raju (17011D1205)	Experimental study of piled raft subjected to eccentric loading in sandy soil	2019

25	M.Tech.(GTE)	Vasam Keerthi (17011D1208)	Ultimate bearing capacity of square footing resting on reinforced soil bed with inclined reinforcement	2019
26	M.Tech.(GTE)	Pendyala Raviteja (17011D1212)	Improvement of Bearing capacity of Clayey soil with different percentage of sand using geotextile as reinforcement	2021
27	M.Tech.(GTE)	D.RajaShekar (20011D1203)	Stability Analysis of Natural Slopes based on Displacement Criteria	2023

Note: \$ => Co-Supervisor, Dr. G V R Prasad Raju, Professor of JNTU Kakinada

10. CONSULTANCY

Actively involved in JNTUH College of Engineering Industrial Consultancy Service (ICS) for the past 20 years. In addition to routine site Investigations for various major structures, Slope stability Analysis, design of Retaining Structures and Deep foundation etc., which enhance the image of University, have been taken up.

As a member of Geotechnical Engineering Division of ICS generating the funds to the tune of about Rupees Rs.20,00,000/- per year. The satisfied regular clients include several Government and private organizations.

- | | |
|---|---|
| 1) A.P. State Roads & buildings department | 15) NTPC Limited |
| 2) A.P. State Panchayat Raj department | 16) Greater Hyderabad Municipal Corp. |
| 3) A.P. State Irrigation department | 17) A.P. Genco.and Transco |
| 4) A.P. Industrial Infrastructure Corporation | 18) Power Grid Corporation of India Limited |
| 5) A.P. State Housing Corporation | 19) A.P. State Public Health Engg. Dept. |
| 6) M/s Ramky Enviro Engineers | 20) A.P. State Police Housing Corporation |
| 7) Airport Authority of India Limited | 21) Bharat Sanchar Nigam Ltd. |
| 8) South Central Railways | 22) L&T, ECC Construction Group |
| 9) BHEL, Hyderabad | 23) M/s Manjeera Constructions, Hyderabad |
| 10) M/s Ramky Infrastucture Projects | 24) P. S. Telugu University, Hyderabad |
| 11) M/s Aparna Constructions | 25) IIT Basara, AP |
| 12) The Singareni Collieries Co. Ltd | 26) Krishna University, Machilipatnam, etc. |
| 13) Municipalities of AP | 27) IVRCL |
| 14) Kakatiya Thermal Power Projects | |

11. MEMBERSHIPS/ PARTICIPATION IN PROFESSIONAL BODIES

Life memberships

1. Life member of the **Indian Geotechnical Society (LM 1969)**
2. Life member of the **Institution of Engineers (India) (AM-090214-7)**
3. Life member of the **Indian Society for Technical Education (LM38632)**
4. Chartered Engineer, **Institution of Engineers (India)**
5. Member of the **International Society for Soil Mechanics and Geotechnical Engineering**

12. COURSES TAUGHT

S. NO.	TITLE OF COURSE TAUGHT	Level (UG/PG)	CLASS	Number of Times
1	Earth Retaining Structures	PG	M.Tech. –II Sem.	4
2	Geoenvironmental Engg	PG	M.Tech. –I Sem.	6
3	Geotechnical Earthquake Engg.	PG	M.Tech. –II Sem.	1
4	Ground water Contamination & Remediation	PG	M.Tech. –I Sem.	3
5	Geosynthetics and Soil Reinforcement	PG	M.Tech. –II Sem.	3
6	Geotechnical Engineering	UG	B.Tech.-V Sem.	9
7	Foundation Engineering	UG	B.Tech.-VI Sem.	9
8	Surveying	UG	B.Tech.-III Sem.	4
9	Mechanics of Solids	UG	B.Tech.-III Sem.	2
10	Engineering of Ground	UG	B.Tech.-VIII Sem.	2

13. ADMINISTRATION/ PARTICIPATION IN PROFESSIONAL BODIES AND COMMITTEES

1. **National Executive Member** of Indian Geotechnical Society, New Delhi, INDIA for 1 Term (2009 to 2010)
2. **Honorary Secretary** of Indian Geotechnical Society, Hyderabad Chapter for 3 Terms (April, 2006 to March, 2012)
3. **Member State Task Force**, Atal Mission for Rejuvenation and Urban Transformation (AMRUT-2.0) Telangana Urban Finance & Infrastructure Development Corporation Limited, 2022

14. AWARDS AND RECOGNITIONS

- 1) **U.G.C. Scholarship** for studying **M.Tech.** (GATE 93.45 percentile in 1996)
- 2) **Out Standing Achiever** from the Govt. Polytechnic Nizamabad, AP INDIA on 5-7-2009 on the occasion of Golden Jubilee Celebrations by Hon'ble R. C. Lahoti former Chief Justice, Supreme Court of INDIA.
- 3) **Best paper Award** International Conference on Earth Sciences and Engineering for “**Analysis of Effect of Reinforcement on Stability of Slopes**” held on 17-18, June, 2016, 1-6
- 4) **Best paper Award**, in International Geotechnical Engineering Conference on Sustainability in Geotechnical Engineering Practices and Related Urban Issues” for a paper titled “**Constitutive Equations of Elasto-Brittle and Elasto-Plastic Soils**” held September 23-24, 2016, Mumbai, India.

15. DEVELOPMENT OF LABORATORIES

As Geoenvironmental Engineering Laboratory In-charge from March 2006 to 2010 at JNTUH College of Engineering, Hyderabad initiated and procured the following Equipments:

- 1) Atomic Absorption Spectrophotometer from TEQIP world bank funds worth **Rs.15,00,000/-** in 2006
- 2) TOC Analyser & FTIR through UGC-SAP Research Project worth **Rs.24,00,000/-** in 2008

As Geotechnical Engineering Laboratory In-charge from July 2013 at JNTUH College of Engineering, Hyderabad initiated and procured the following Equipments from TEQIP World Bank funds and from Centre of Excellence (Disaster Management) funds:

- 1) Loading frame with jack and model tanks for testing worth **Rs. 10,00,000/-**
- 2) Data Acquisition System with Load Cells, LVDTs, Strain Gauges etc worth **Rs.18,00,000/-**
- 3) Center of Excellence on Disaster Management- Rs. 5,00,00,000 from 2014 to 2017

17. PROFESSIONAL TRAINING COURSES ATTENDED

S. No	Name of the Course / Training	Place	Duration	Sponsoring Agency
1	QIP Short Term Course on "Soil Reinforcement and Geosynthetics"	IISc. Bangalore	3-7, Sep 2001 (1 week)	AICTE, New Delhi
2	Refresher Course on "Industrial Pollution and Control Technologies"	UGC-ASC, JNTU University, Hyderabad	10- 28, March 2004 (3 Weeks)	UGC, New Delhi
3	Orientation Course on "Value Education"	UGC-ASC, JNT University, Hyd.	17/01 to 12/02- 2005 (4 Weeks)	UGC, New Delhi
4	QIP Short term Course on "Geoenvironmental Engineering & Landfills"	Indian Institute of Technology, Delhi	28/11 to 2/12- 2005 (1 Week)	AICTE, New Delhi
5	International Course on Computational Geotechnics using PLAXIS SOFTWARE	IIT Madras, Chennai.	21-23, Feb.2007 (3 days)	----
6	Training Programme on Seismic Analysis of Reinforced Soil Structures	IIT Bombay, Mumbai	01/05 to 30/06- 2007 (8weeks)	----
7	Short term Course on "Creative Teaching of Structural Analysis"	JNTU College of Engg., Hyderabad	17- 22, Dec.2007 (1 Week)	----
8	Refresher Course on "Natural Resources Management"	UGC-ASC, JNTU Hyderabad	04- 23, June 2012 (3 Weeks)	UGC, New Delhi

18. INVITED/GUEST LECTURES DELIVERED

S.No.	Topic	Name of Event	Place of Event	Date
1	Laboratory Testing and Interpretation	PMGSY Training programme to Panchayath Raj Engineers in Soil Mechanics Laboratory.	Centre for Transportation Engg. JNTUHyd.	30-6-2004 to 14-11-2005 (29Lectures)
2	Laboratory Testing and Interpretation	Training in testing and Interpretation of Data from Laboratory to M/s. Bharthi AIRTEL Engineers	Civil Engineering Department	20-03-2006
3	Route Surveying	Training programme for Graduate Engineer Trainees of TOTEM Projects Pvt. Ltd.	Civil Engineering Department	02-08-2008
4	Levelling Field Work	Training programme for Graduate Engineer Trainees of TOTEM Projects Pvt. Ltd.	Civil Engineering Department	02-08-2008
5	Levelling	Training programme for Graduate Engineer Trainees of TOTEM Projects Pvt. Ltd.	Civil Engineering Department	04-08-2008
6	Theodolite Field Work	Training programme for Graduate Engineer Trainees of TOTEM Projects Pvt. Ltd.	Civil Engineering Department	04-02-2008
7	Theodolite Traversing	Training programme for Graduate Engineer Trainees of TOTEM Projects Pvt. Ltd.	Civil Engineering Department	05-08-2008
8	Soil Mechanics Laboratory	Training programme for Graduate Engineer Trainees of TOTEM Projects Pvt. Ltd.	Civil Engineering Department	07-08-2008
9	Total Station, Principles and applications in Surveying	TEQIP Sponsored Workshop on "Integrated Surveying Using Total Station and GPS"	Center for Spatial Information Technology, IST, JNTU HYDERABAD	17-04-2008
10	Computer applications in Civil Engg.	One day Work shop on Computer applications in Mech. & Civil Engineering	Noor College of Engineering and Technology, Shadnagar, Telangana.	18-02-2009
11	Geotechnical Investigations	Training programme of APGENCO Engineers (44 th batch)	APGENCO at Training Institute, Dr.NTPS, Vijayawada	10-02-2009
12	Civil Engineering Practical applications and Opportunities	Work shop on Practical applications in Civil Engineering	Arkay College of Engineering & Technology, Bodan, Nizamabad(D)	28-08-2010
13	Geotechnical Investigations and latest trends	Training programme of APGENCO Engineers (50 th batch)	APGENCO at Training Institute, Dr.NTPS, Vijayawada	03-03-2011

14	Ground Improvement Techniques	One day Work shop on Civil Engineering	Arkay College of Engineering & Technology, Bodan, Nzb(D).	18-11-2011
15	Geosynthetics and Reinforced Soil Walls	One day workshop on Civil Engineering Applications	S S Institute of Technology, Dundigal, Hyd.	21-01-2012
16	Site Exploration Techniques	One day Work shop on Latest Trends in Civil Engineering, 02-11-2012	Arkay College of Engineering & Tech., Bodan, Nizamabad(D),	19-10-2012
17	Geotechnical Investigations	12 th batch 2month modular Training programme to the Trainee Sub-Engineers & Untrained Sub-Engineers of APGENCO Engineers	APGENCO at Training Institute, Dr.NTTPS, Vijayawada,AP	11-03-2013
18	Geotechnical Investigations	58 th Batch, 3months Induction Training programme to the Tr. Asst Engineers of APGENCO	APGENCO at Training Institute, Dr.NTTPS, Vijayawada, AP	17-04-2013
19	Reinforced Soil Structures	UGC -Short Term Course on Ground Improvement methods and Assessment of their quality Control, 16-21 Sep., 2019	UGC ASC, JNTU Hyderabad	18-09-2019
20	Compaction Characteristics of Soil	UGC -Short Term Course on Raising Awareness on Soil Testing to the Young faculty for better Teaching and Practice 4 -9, Dec. 2019	UGC ASC, JNTU Hyderabad	6-12- 2019

19. OTHER ACADEMIC AND CORPORATE ACTIVITIES	
S. No	Academic and Corporate Activities
1	Member of Admission Committee of Rajiv Gandhi University of Knowledge Technologies , Hyderabad for the Year 2013
2	Member of Admission committee of Rajiv Gandhi University of Knowledge Technologies , Hyderabad for the Year 2012
3	Governing Body Member for Murthy Inst. of Technology and Science, Ranga Reddy (Dist.), AP, INDIA from 2011 to 15
4	Governing Body Member for Sri YPR College of Engineering and Technology, Medak (Dist.), AP, INDIA from 2011 to 15
5	Member of Selection committee of Rajiv Gandhi University of Knowledge Technologies , Hyderabad for the Year 2011
6	Member of Purchase Committee of Jawaharlal Nehru Technological University Hyderabad from 2011 to till date
7	Member of Purchase committee of Rajiv Gandhi University of Knowledge Technologies , Hyderabad, for the year 2012

8	All India Council for Technical Education (AICTE) Standing Appellate Committee Member , AICTE Delhi (18-1-2013)
9	Committee Member for appointment of outsourcing and Relocation of staff in JNTUH College of Engineering, Hyderabad (06-02-2013)
10	Committee Member for Implementation of Time Scale to temporary Employees of JNTUH College of Engineering, Hyderabad (28-09-2012)
11	Convener, Finance Committee , JNTUH College of Engineering for NBA for the Year 2012
12	Convener, Finance Committee , JNTUH College of Engineering regarding NBA committee for the Year 2013
13	Member Board of Studies , Malla Reddy College of Engineering (Autonomous)-2015-2016
14	Member Board of Studies , JBIET (Autonomous)- Moinabad, 2019
15	Governing Body Member for KLR College of Engineering & Technology, Palvancha, Bhadradi Kothagudem (D), 2021-2023
16	Governing Body Member for Netaji Institute of Engineering and Technology, Malkapur, HMDA, Hyderabad, 2021-2023
17	Academic Council Member for Hyderabad Institute of Engineering and Technology Nagole, Hyderabad
18	Academic Council Member for SreyasInstitute of Technology and Management, Hyderabad

20. CURRENT AREAS OF RESEARCH

- Reinforced Soil Structures
- Geoenvironmental Engineering
- Geotechnical Earthquake Engineering

21. FOREIGN UNIVERSITIES/ COUNTRIES VISITED

- 1) **INDONESIA** for 8th International Symposium on Lowland Technology September 11-13, 2012, organized by Hasanuddin University, Bali, INDONESIA.
- 2) **USA** for Post Doctoral Research in Florida International University, Miami, USA as Visiting Associate Professor August 2014- Jan.2015.

I hereby declare that all the details furnished in this form are true to the best of my knowledge and belief.

(G. V. N. Reddy)