

DR. ANAND HULAGABALI - Brief CV

Basic Information			
1	Name and Address	Dr. Anand Hulagabali Phone: 8050611303 Email ID: anandmhulagabali@gmail.com	
2	Nationality / Age / Date of Birth	Indian / 35 / 05.08.1989	
3	Prior Degrees / Year / University	Ph. D. (Geotech) / 2021 / NIT Surat M.Tech. (Geotech) / 2014 / NIT Surat B. E. (Civil) / 2011 / VTU Belgaum	
Teaching			
6	Experience (in years) Teaching Experience	UG & PG: 9 Years	
7	Courses Taught	UG	PG
		5	12
8	Performance in Teaching (Only NIE)	Students Rating	Pass Percentage
		> 95%	> 95%
Research			
7	Research Guidance (Numbers)	Completed	
		M.Tech.	
		28	
8	Publication Details (Numbers) <ul style="list-style-type: none"> • Journal Papers • Conference Papers • Book Chapters 	7 (SCI = 5; SCOPUS = 2)	
		32	
		12 (Scopus Indexed Chapters)	
9	Books	3	
Consultancy			
10	Consultancy	More than 500 works worth more than Rs. 75,00,000	
Innovation			
11	Patents	Granted	
		4	
Interaction with outside world			
12	Conferences/STTP/Seminars/Webinars attended (Numbers)	80	
13	Invited expert talks delivered (Numbers)	21	
14	Memberships in Professional Bodies (Numbers)	9	
Personal Website		www.dranandmh.co.in	

DR. ANAND HULAGABALI - Detailed CV

PhD, AMASCE, AMIE, MIGS, MISSMGE, MACCE

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BRIEF INTRODUCTION

Presently, I am working as “Manager, Specification Engineering at Terre Armee India”. I have vast 9 years of experience in the teaching, research, and consultancy. I completed my bachelor’s degree in civil engineering from KLES College of Engineering in Belgaum. My M.Tech. and Ph.D. were obtained from NIT Surat, Gujarat in Geotechnical Engineering. My primary research interests encompass reinforced earth structures and geosynthetics, ground improvement techniques, computational geomechanics, and deep foundations.

As part of my M.Tech. and PhD studies, I gained valuable research experience at IIT Madras under the guidance of Dr. G. R. Dodagoudar. I worked at Basaveshwar Engineering College, Bagalkot from 2015 to 2017. Following that, I spent around 3 years (From 2017 to 2020) at Ambo University in Ethiopia, Africa, as part of the UNDP program. During my time in Ethiopia, I also served as a visiting faculty member at esteemed universities such as Jimma University, Arba Minch University, Dire Dawa University, and Hawassa University. I worked at Department of Civil Engineering, The National Institute of Engineering, Mysuru from 2020 to 2024.

At NIE Mysuru, in addition to my research and teaching responsibilities, i was actively engaged in geotechnical engineering consultancy work for both state and central government infrastructure projects. I provided my expertise to various departments, including CBI, RBI, NHAI, AAI, Indian Railways, CPWD, MUDA, MMC, Infrastructure Development Department, Minor Irrigation Department, Planning Department, PWD, RDPR, Revenue Department, Tourism Department, Water Resources Department, and many others. The total value of the consultancy projects I have completed amounts to Rs. 75,00,000.

I have authored three books focusing on research in the field of Geotechnical Engineering. Additionally, I have contributed to the publication around 50 research papers, encompassing book chapters, peer-reviewed journals, and conference proceedings. Recently, I have been granted four patents, highlighting my innovative contributions. Furthermore, I have provided guidance to 28 M.Tech. students in the past. Throughout my career, I have actively participated in 80 conferences, STTPs (Short-Term Training Programs), and seminars, both in India and abroad.

I have had the privilege of delivering numerous technical and motivational speeches at various engineering colleges both within India and abroad. Additionally, I actively contribute as a Reviewer and Editorial board member for five esteemed peer-reviewed journals. Furthermore,

I hold memberships in several prestigious professional organizations, including the American Society for Civil Engineers, Indian Geotechnical Society, International Society for Geosynthetics, International Society for Soil Mechanics and Geotechnical Engineering, Institute of Engineers India, and Association of Consulting Civil Engineers India.

ACADEMIC PROFILE

Ph.D. (2021) – Geotechnical Engineering (Civil Engineering)
Sardar Vallabhbhai National Institute of Technology, SVNIT, Surat (NIT Surat)
Grade: 9.67

M.Tech. (2014) – Soil Mechanics & Foundation Engineering
Sardar Vallabhbhai National Institute of Technology, SVNIT, Surat (NIT Surat)
Grade: 9.47

B.E. (2011) – Civil Engineering
KLES's M.S. Seshagiri College of Engineering & Technology, Belagavi (VTU)
Percentage: 73.44%

PROFESSIONAL EXPERIENCE

Total Experience = **9 Years**

Assistant Professor
Department of Civil Engineering,
The National Institute of Engineering, NIE Mysuru 10th March, 2020 – 1st March, 2024
Lecturer
Department of Civil Engineering, Ambo University, Ethiopia
25th October, 2017 – 9th February, 2020

Visiting Faculty
Arba Minch University, Jimma University, Dire Dawa University (Ethiopia)
15th August, 2018 – 19th November, 2019

Assistant Professor
PG Geotechnical Engineering - Civil Engineering Department, Basaveshwar Engineering
College, Bagalkot
19th January 2015 - 16th September, 2017

CONSULTANCY WORK CARRIED OUT

- Design and Analysis of Reinforced Earth Retaining Wall
- Design Proof Checking of MSE Wall
- Soil Investigation Works
- Slope Protection Works
- Earthen Dam Analysis and Design
- Soil Structure Interaction (2D, 3D Finite Element Analysis)
- Design of Deep Excavation Support Scheme in Urban Areas
- Geotechnical Interpretative Reports (GIR)
- Proof Checking, Peer Review of Third-Party Designs
- Design of Shallow Foundations
- Design of Deep Foundations
- Ground Improvement Solutions
- Instrumentation and Monitoring Solutions

AWARDS

1. The paper titled "Two-dimensional finite element modelling of an underground tunnel and its impact on the settlement of neighboring structures" received the prestigious **BEST TECHNICAL PAPER AWARD** at the International Conference on Sustainable Infrastructure: Innovations, Opportunities, and Challenges-2023 (SIIOC-2023), held on April 20th and 21st, 2023, at NIT Surathkal.
2. The paper titled "Seismic Response Analysis of High-Rise Building Considering the Effect of Soil-Structure Interaction" was honored with the prestigious **BEST PAPER AWARD** at the First International Conference on Innovation in Smart and Sustainable Infrastructure, hosted by the Department of Civil Engineering, Pandit Deendayal Energy University in Gandhinagar, Gujarat. The conference took place from the 23rd to the 25th of August, 2022.
3. The paper titled "Performance Evaluation of Earthen Embankment underlain by Marine Clay Deposit with Ground Improvement Techniques - A Case Study of Mangaluru Region, Karnataka" received recognition for being the **BEST PAPER WITH MINIMUM PLAGIARISM** at the Proceedings of Indian Geotechnical Conference held at NIT Trichy in 2021.
4. The paper titled "Assessment of Effect of Deep Excavation on Adjacent Structures using Finite Element Analysis" was honoured with the **BEST PAPER AWARD** at the Proceedings of Indian Geotechnical Conference held at Andhra University, Vishakhapatnam in 2020.

RECOGNITIONS

1. Chaired a Technical Session at Prestigious conference IGC 2023, at IIT Roorkee.

2. Honorary Secretary of Indian Geotechnical Society, Mysuru Chapter.
3. Board of Examinations (BOE) member for the following institutes;
 - CEPT University, Ahmedabad
 - Vidya Vardhak College of Engineering, Mysuru
 - JSS Technical University, Mysuru
 - VTU Belagavi
 - JNTU Ananthpuram
4. Editorial Board Member and Technical Review Member of the following journals and Conferences;
 - Reviewer of "Geomechanics and Geoengineering - An International Journal", Taylor & Francis (SCI Indexed)
 - Reviewer of "Materials Today: Proceedings" Elsevier (Scopus Indexed)
 - Reviewer of "Recent Patents on Engineering" (Scopus Indexed)
 - Reviewer of American Journal of Civil Engineering
 - Reviewer of Advances in Science, Technology and Engineering Systems Journal (ASTESJ) (Scopus)
 - Technical Expert Committee Member of Global Virtual Conference on Disaster Risk Reduction - Civil Engineering for a Disaster Resilient Society, 19-21st March 2021 organized by ADRRN, IHRR, and NITK.
 - Member of the Technical review committee of International Conference on New Horizon in Civil Engineering (NHCE 2023) on October 13-14, 2023, at MIT, Manipal.
 - Technical Reviewer of International Conference on Interdisciplinary Approaches in Civil Engineering for Sustainable Development organised by Jyothy Institute of Technology, Bangalore; Dates: 7-8 July 2023.

PATENTS

1. Soil Permeability Test Apparatus – 363894-001 (Granted)
2. Carbonation Test System for Concrete - 3635990-001 (Granted)
3. Heat of Hydration of Concrete - 363598-001 (Granted)
4. Portable Soil Analysis Apparatus – 363850-001 (Granted)

PUBLICATIONS

SCI Indexed Journal (5)

1. **Hulagabali, A. M.**, Solanki, C.H., Dodagoudar, G.R. and N. Anitha, "Seismic Internal Stability Analysis of Modular Block Reinforced Earth Retaining Wall". *International Journal of Geosynthetics and Ground Engineering*. 9, 31 (2023). <https://doi.org/10.1007/s40891-023-00448-9>
2. Firanboni Fituma Chimdesa, Firaol Fituma Chimdesa, Nagessa Zerihun Jilo, **Anand Hulagabali**, "Numerical analysis of pile group, piled raft, and footing using finite element

software PLAXIS 2D and GEO5". Scientific Reports. 13, 15875 (2023). <https://doi.org/10.1038/s41598-023-42783-x>

3. **Anand. M. Hulagabali**, Anitha, G. R. Dodagoudar, C. H. Solanki, "Finite Element Analysis of Segmental Precast panel Reinforced earth retaining wall", *Jordon Journal of Civil Engineering*, Volume 17, No. 4 (2023). <https://doi.org/10.14525/JJCE.v17i4.03>
4. **A M Hulagabali**, C H Solanki, G R Dodagoudar (2019), "Internal and external stability analysis of MSE wall subjected to static and seismic conditions", *Ciencia E Tecnica Vitivinicola - A Science and Technology Journal (ISSN: 2416-3953) Vol. 34, Issue. 11, pp. 78-90.*
5. **A M Hulagabali**, C H Solanki, G R Dodagoudar, S S Konnur, M P Shettar (2018), "Analysis of Mechanically Stabilized Earth (MSE) Retaining Wall using Finite Element and AASHTO methods", *Journal of Engineering Technology*, Vol. 6, Special Issue (Emerging Technology in Engineering Technology), pp. 139-150, *American Association of Engineering Education*.

Scopus Indexed Journal (2)

1. **Anand M Hulagabali**, C H Solanki, G R Dodagoudar, M P Shettar (2018), "Influence of Supporting Systems on Behaviour of MSE wall", *International Journal of Civil Engineering and Technology*, 9(4), pp. 1000-1007.
2. **A M Hulagabali**, C H Solanki, G R Dodagoudar, M P Shettar (2018), "Effect of Reinforcement, Backfill and Surcharge on the Performance of Reinforced Earth Retaining Wall", *ARPN Journal of Engineering and Applied Science*, Vol. 13, No. 9, pp. 3324-3230, *Asian Research Publication Network*.

Scopus Indexed Book Chapters (10)

1. **Hulagabali, A.M.**, Solanki, C.H., Thrupthi, C., Sushma, N., Suokhrie, R., Sudarshan, S. (2024). Pull-Out and Rupture Behavior of Geogrid Reinforcements in MSE Wall Subjected to Seismic Conditions. In: Patel, D., Kim, B., Han, D. (eds) *Innovation in Smart and Sustainable Infrastructure*. ISSI 2022. Lecture Notes in Civil Engineering, vol 364. Springer, Singapore. https://doi.org/10.1007/978-981-99-3557-4_19
2. **Hulagabali, A. M.**, Solanki, C.H., Dodagoudar, G.R. (2023). Study on Soil–Panel Interaction on the Performance of MSE Wall. *Earth Retaining Structures and Stability Analysis*. IGC 2021. Lecture Notes in Civil Engineering, vol 303. Springer, Singapore. https://doi.org/10.1007/978-981-19-7245-4_39
3. **Hulagabali, A. M.**, Srujana, R., Rachana, A.V., Longkumer, M.Y. (2023). Numerical Analysis of Earthen Embankment Resting on Soft Clay Deposit. *Earth Retaining Structures and Stability Analysis*. IGC 2021. Lecture Notes in Civil Engineering, vol 303. Springer, Singapore. https://doi.org/10.1007/978-981-19-7245-4_38
4. **Hulagabali, A. M.**, Srujana, R., Rachana, A.V., Longkumer, M.Y. (2023). Performance Evaluation of Earthen Embankment Underlain by Marine Clay Deposit with Ground Improvement Techniques—A Case Study of Mangaluru Region, Karnataka. *Ground*

- Improvement Techniques. IGC 2021. Lecture Notes in Civil Engineering, vol 297. Springer, Singapore. https://doi.org/10.1007/978-981-19-6727-6_8
5. **Hulagabali, A. M.**, Shilpa, V., Shobharani, N.C., Vasundhara, G.S., Prashanth, M.L. (2023). Parametric and Stability Analysis of Landslide Near Somwarpet, Coorg District, Karnataka. Earth Retaining Structures and Stability Analysis. IGC 2021. Lecture Notes in Civil Engineering, vol 303. Springer, Singapore. https://doi.org/10.1007/978-981-19-7245-4_22
 6. **Hulagabali A. M.**, Bariker P., Solanki C.H., Dodagoudar G.R. (2022) Numerical Simulation of Field Vane Shear Test Using Finite Element Method. In: Satyanarayana Reddy C.N.V., Krishna A.M., Satyam N. (eds) Dynamics of Soil and Modelling of Geotechnical Problems. Lecture Notes in Civil Engineering, vol 186. Springer, Singapore. https://doi.org/10.1007/978-981-16-5605-7_9
 7. **Hulagabali A.M.**, Bariker P., Solanki C.H., Dodagoudar G.R. (2022) Assessment of Effect of Deep Excavation on Adjacent Structures Using Finite Element Analysis. In: Satyanarayana Reddy C.N.V., Muthukumaran K., Vaidya R. (eds) Stability of Slopes and Underground Excavations. Lecture Notes in Civil Engineering, vol 185. Springer, Singapore. https://doi.org/10.1007/978-981-16-5601-9_25
 8. Bariker P., Kori A., **Hulagabali A. M.** (2021) Analysis of Strength Properties of Cement-Stabilized Soil at Different Moulding Water Contents. In: Patel S., Solanki C.H., Reddy K.R., Shukla S.K. (eds) Proceedings of the Indian Geotechnical Conference 2019. Lecture Notes in Civil Engineering, vol 138. Springer, Singapore. https://doi.org/10.1007/978-981-33-6564-3_2
 9. Badaradinni B.M., **Hulagabali A. M.**, Solanki C.H., Dodagoudar G.R. (2019) Experimental Study of Heave Control Technique for Expansive Soil Using Micropiles and Geotextile Layers. In: Thyagaraj T. (eds) Ground Improvement Techniques and Geosynthetics. Lecture Notes in Civil Engineering, vol 14. Springer, Singapore. https://doi.org/10.1007/978-981-13-0559-7_5
 10. Amashi A.R., **Hulagabali A. M.**, Solanki C.H., Dodagoudar G.R. (2019) Landslide Risk Assessment and Mitigation-A Case Study. In: Adimoolam B., Banerjee S. (eds) Soil Dynamics and Earthquake Geotechnical Engineering. Lecture Notes in Civil Engineering, vol 15. Springer, Singapore. https://doi.org/10.1007/978-981-13-0562-7_27
 11. Konnur S.S., **Hulagabali A. M.**, Solanki C.H., Dodagoudar G.R. (2019) Numerical Analysis of MSE Wall Using Finite Element and Limit Equilibrium Methods. In: Adimoolam B., Banerjee S. (eds) Soil Dynamics and Earthquake Geotechnical Engineering. Lecture Notes in Civil Engineering, vol 15. Springer, Singapore. https://doi.org/10.1007/978-981-13-0562-7_22

Books Published (3)

1. **A. M. Hulagabali**, C. H. Solanki, G. R. Dodagoudar (2014), Contaminant Transport Modelling Through Saturated Porous Media using Finite Element and Finite Difference Methods, Lambert Academic Publications, Germany, ISBN: 978-3-659-52607-7.

2. **A. M. Hulagabali** (2013), Response of Tunnels subjected to Seismic Conditions, Lambert Academic Publications, Germany, ISBN: 978-3-659-52106-5.
3. Hulagabali M, Prabhakara R, **A. M. Hulagabali** (2018), Durability Evaluation of High-Performance Concrete, Lambert Academic Publications, Germany, ISBN: 978-6-139-84132-5.

Conference Proceedings (33)

1. **Anand. M. Hulagabali**, Pooja. P. K., Annanya Maria, Manjula. R., Keerthana. H. V., and Anitha, "Proportioning the Backfill Soil as per IRC Specifications for the Reinforced Earth Retaining Wall", Indian Geotechnical Conference, 2023, IIT Roorkee.
2. **Anand. M. Hulagabali**, Sushank B L, Deekshitha B E, V S Shreyas and Samarth M, "Numerical Study on Effect of Excavation Depth, Slope Angle and Ground Water on the Performance of Deep Excavation", Indian Geotechnical Conference, 2023, IIT Roorkee.
3. **Anand. M. Hulagabali**, Dhariyappa Dhoolappanavar, Vadiraj Rao N R, G R Dodagoudar, Anitha Nayak and Gagana P, "Wind and Time History Analysis of Tall Reinforced Concrete Chimney Considering the effect of Soil- Foundation-Structure Interaction", Indian Geotechnical Conference, 2023, IIT Roorkee.
4. Basavaraj C S, **Anand. M. Hulagabali**, G R Dodagoudar, and Anitha Nayak, "Performance evaluation of onshore wind turbine under various support conditions considering the effect of soil- foundation structure interaction", Indian Geotechnical Conference, 2023, IIT Roorkee.
5. **Anand M Hulagabali**, Shruthi A N, Mahadeva Prasad C M, Sneha B M, A Mahanthesh, Nandan Gowda S L, "Two-dimensional finite element modelling of underground tunnel and its effects on settlement of adjacent structures", International Conference on Sustainable Infrastructure: Innovations, Opportunities and Challenges-2023 (SIIOC-2023), April 20th & 21st, 2023, NIT Surathkal. **(Best Paper Award)**
6. Dhariyappa S D, Vadiraj Rao N R, **Anand M Hulagabali**, G R Dodagoudar, "Wind Analysis of Tall Reinforced Concrete Chimney considering the effect of Soil-Structure Interaction", International Conference on Sustainable Infrastructure: Innovations, Opportunities and Challenges-2023 (SIIOC-2023), April 20th & 21st, 2023, NIT Surathkal.
7. Basavaraj C S, **Anand M Hulagabali**, G R Dodagoudar, "Dynamic Analysis of On-shore Wind Turbine considering the effect of Soil-Structure Interaction", International Conference on Sustainable Infrastructure: Innovations, Opportunities and Challenges-2023 (SIIOC-2023), April 20th & 21st, 2023, NIT Surathkal.
8. **Anand M Hulagabali**, Sushank B L, Deekshitha B E, V S Shreyas, Samarth M, "Settlement of adjacent structures due to nearby deep excavations- a numerical investigation", International Conference on Sustainable Infrastructure: Innovations, Opportunities and Challenges-2023 (SIIOC-2023), April 20th & 21st, 2023, NIT Surathkal.
9. Anitha, **Anand. M. Hulagabali**, C. H. Solanki, G. R. Dodagoudar, "Seismic Response Analysis of High-Rise Building Considering the Effect of Soil-structure Interaction", First International Conference Innovation in Smart and Sustainable Infrastructure, Department

- of Civil Engineering, Pandit Deendayal Energy University, Gandhinagar, Gujarat, 23rd to 25th August, 2022. **(Best Paper Award)**
10. Anitha, **Anand. M. Hulagabali**, C. H. Solanki, G. R. Dodagoudar, "Response Spectrum Analysis of High-rise Reinforced Concrete Framed Structure Resting on Raft and Pile Foundation System", First International Conference Innovation in Smart and Sustainable Infrastructure, Department of Civil Engineering, Pandit Deendayal Energy University, Gandhinagar, Gujarat, 23rd to 25th August, 2022.
 11. **Anand. M. Hulagabali**, Thrupthi C, Sushma N, Ruokuolenuo S, Sudarshan S, "Pull-out and Rupture Behaviour of Geogrid Reinforcements in MSE Wall Subjected to Seismic Conditions", First International Conference Innovation in Smart and Sustainable Infrastructure, Department of Civil Engineering, Pandit Deendayal Energy University, Gandhinagar, Gujarat, 23rd to 25th August, 2022.
 12. Sanjeevani Akki, Y M Manjunath, **Anand. M. Hulagabali**, Anitha, "Effect of Bracings on the Performance of High-Rise Structure Considering the Influence of Earthquake" First International Conference Innovation in Smart and Sustainable Infrastructure, Department of Civil Engineering, Pandit Deendayal Energy University, Gandhinagar, Gujarat, 23rd to 25th August, 2022.
 13. Anitha, **Anand. Hulagabali**, G. R. Dodagoudar, "Seismic Soil-Pile-Structure Interaction Studies of High-Rise RC Framed Structure Resting on Pile Groups", Indian Geotechnical Conference, 2022, Cochin, 15th to 17th December, 2022.
 14. **Anand. M. Hulagabali**, Manya Harish, Shama K, Namratha K L, Bharathkumar K, "Effect of polypropylene planar reinforcement on the unconsolidated undrained behaviour of black cotton soil", Indian Geotechnical Conference, 2022, Cochin, 15th to 17th December, 2022.
 15. **Anand. M. Hulagabali**, Manya Harish, Shama K, Namratha K L, Bharathkumar K, "Numerical simulation of triaxial test to study the effect of reinforcement in enhancing the shear behaviour of black cotton soil", Indian Geotechnical Conference, 2022, Cochin, 15th to 17th December, 2022.
 16. **Anand. M. Hulagabali**, Thrupthi C, Sushma N, Ruokuolenuo S, Sudarshan S, "Parametric, Seismic & Static External Stability analysis of Mechanically Stabilised Earth Retaining Wall", Indian Geotechnical Conference, 2022, Cochin, 15th to 17th December, 2022.
 17. **Hulagabali. A. M**, C. H. Solanki, G. R. Dodagoudar, "Study on Soil-Panel Interaction on Performance of MSE Wall", Proceedings of Indian Geotechnical Conference, NIT Trichy, 2021.
 18. **Anand. M. Hulagabali**, R. Srujana, A. V. Rachana, M. Y. Longkumer, C. S. Suhas, "Numerical Analysis of Earthen Embankment Resting on Soft Clay Deposit", Proceedings of Indian Geotechnical Conference, NIT Trichy, 2021. **(Best Paper Award for Minimum Plagiarism)**
 19. **Anand. M. Hulagabali**, R. Srujana, A. V. Rachana, M. Y. Longkumer, C. S. Suhas, "Performance Evaluation of Earthen Embankment underlain by Marine Clay Deposit with

- Ground Improvement Techniques – A Case Study of Mangaluru Region, Karnataka”, Proceedings of Indian Geotechnical Conference, NIT Trichy, 2021.
20. **Hulagabali. A. M**, V. Shilpa, N. C. Shobharani, G. S. Vasundhara, M. L. Prashanth, “Parametric and Stability Analysis of Landslide near Somwarpet, Coorg District, Karnataka”, Proceedings of Indian Geotechnical Conference, NIT Trichy, 2021.
 21. **Anand M Hulagabali**, Pankaj B, D S Gothakhindi, C H Solanki, "Numerical Study on Prediction of behaviour of Braced Excavation in Heterogeneous Soil", Proceedings of Indian Geotechnical Conference, Andra University, Vishakpattanam, 2020.
 22. **Anand M Hulagabali**, Pankaj B, C H Solanki, G R Dodagoudar, "Numerical Simulation of Field Vane Shear Test Using Finite Element", Proceedings of Indian Geotechnical Conference, Andra University, Vishakpattanam, 2020.
 23. **Anand M Hulagabali**, Pankaj B, C H Solanki, G R Dodagoudar, "Assessment of Effect of Deep Excavation on Adjacent Structures using Finite Element Analysis", Proceedings of Indian Geotechnical Conference, Andhra University, Vishakpattanam, 2020. **(Springer Best Paper Award)**
 24. Pankaj Bariker, Amrutha Kori, **Anand M Hulagabali**, "Analysis of Strength Properties of Cement Stabilized Soil at Different Moulding Water Contents", Proceedings of Indian Geotechnical Conference, SVNIT, Surat, 2019.
 25. Amrutha Kori, Pankaj Bariker, **Anand M Hulagabali**, "Application of Geotextile in Ground Improvement Technique: An Over View ", Proceedings of Indian Geotechnical Conference, SVNIT, Surat, 2019.
 26. Ashwini Shetty, S K Palled, **A M Hulagabali**, V A Reddy, “Experimental Investigation on viability of Metakaolin based Lead contaminated soil”, Proceedings of Indian Geotechnical Conference, IIT Guwahati, 2017.
 27. Akshata Aravalli, **A M Hulagabali**, C H Solanki, G R Dodagoudar, “Enhancement of index and engineering properties of expansive soil using chopped basalt fibres”, Proceedings of Indian Geotechnical Conference, IIT Guwahati, 2017.
 28. S S Vadavadagi, **A M Hulagabali**, G R Dodagoudar, C H Solanki,” Seismic Response analysis of MSE Walls”, Proceedings of Indian Geotechnical Conference, IIT Madras, 2016.
 29. B M Badaradinni, **A M Hulagabali**, G R Dodagoudar, C H Solanki,” Experimental Investigation of heave control technique of expansive soil using micro piles and geotextile layers”, Proceedings of Indian Geotechnical Conference, IIT Madras, 2016.
 30. A R Amashi, **A M Hulagabali**, G R Dodagoudar, C H Solanki, “Landslide Risk assessment and Mitigation – a case study”, Proceedings of Indian Geotechnical Conference, IIT Madras, 2016.
 31. S A Konnur, **A M Hulagabali**, G R Dodagoudar, C H Solanki, “Numerical and Analytical analysis of MSE wall using limit equilibrium methods”, Proceedings of Indian Geotechnical Conference, IIT Madras, 2016.
 32. S R Hosamani, **A M Hulagabali**, “Comparative study of stabilisation of expansive soil using Flyash, Rice husk ash, Bagasse ash and Marble dust”, Proceedings on International conference on Soil and Environment, IISc Bangalore, 2016.

33. **A M Hulagabali**, D R Kamde, "Biomedical waste management for Belgaum city, Karnataka, India- a case study", Proceedings of 4th International conference on Solid waste management, JNTU, Hyderabad, 2014.

Non-Indexed Journals (10)

1. Subash Thanappan, Dumessa Gudissa, **Anand M Hulagabali**, Woyesa Ararsa, Tamere Mariyam Dawit, (2020), "System Performance using Recirculating Sand filter: Proposal on sewage treatment", International Journal of Engineering Technology Research & Management, Vol 04, Issue 02, PP: 32-40.
2. **Anand Hulagabali**, K P Deepadarshan, Mahesh S, Chethan G, Kushnappa, (2020), "Analysis of landslide at Gudar-Gedo Road and proposal of mitigation measures", Iconic research and engineering journals, volume 3, issue 10, pp 136-141.
3. **Anand Hulagabali**, Dumesa Gudissa, Woyesa Ararsa (2019), "Numerical Analysis of Slope Stability- A Parametric Study", International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 7 Issue I, pp. 319-324.
4. **Anand Hulagabali**, Dumesa Gudissa, Woyesa Ararsa (2019), "Analysis of Landslide near Ambo City, Ethiopia, East Africa", International Research Journal of Engineering and Technology (IRJET), Volume 6 Issue I, pp. 513-517.
5. **A M Hulagabali**, C H Solanki, G R Dodagoudar (2018), "Behaviour of MSE Wall with different Soil Properties and Reinforcement Length", International Journal for Research in Applied Science and Engineering Technology, Volume 6, Issue 1
6. Kamde D R, John B, **Hulagabali A**, (2014), "Comparative study for the design of the single span bridge using AASHTO LRFD and IS code methods", IOSR Journal of Mechanical and Civil Engineering, p. 40-44. ISSN:234X.
7. **Anand Hulagabali**, C H Solanki, G R Dodagoudar, (2014), "Migration of contaminants through a soil due to an instantaneous source", International Journal of Advanced research in Civil, Structural, Environmental and Infrastructure Engineering Development, Vol. 1, Issue.3, ISSN:2320-723X.
8. **A M Hulagabali**, C H Solanki, G R Dodagoudar, (2014), "Contaminant Transport modelling through saturated porous media using Finite element and Finite Difference methods", IOSR Journal of Mechanical and Civil Engineering, p. 29-33. ISSN: 334X.
9. **Anand Hulagabali**, C H Solanki, (2014), "3D Contaminant Transport modelling through saturated porous media using Finite Element Geotechnical package SV Office- Chemflux", International Journal of Applied Engineering Research, Vol.9, Issue.2, pp.127-132, ISSN: 0973-4562.
10. **Hulagabali A**, Kamde D, Sharanbasava P, (2013), "Three-dimensional steady state finite difference flow model- a case study", International Journal of Recent Advances in Engineering and Technology, Vol.1, Issue.3, ISSN: 2347-2812.

COURSES DELIVERED

<ul style="list-style-type: none"> • Fundamentals of Geotechnical Engineering (3 times) • Applied Geotechnical Engineering (3 times) • Engineering Mechanics (2 times) 	<i>B.E Civil Engineering, NIE, Mysuru, Karnataka, India</i>
<ul style="list-style-type: none"> • Analysis and Design of Sub Structures (3 times) • Finite Element Analysis (1 time) 	<i>M.Tech Structural Engineering, NIE, Mysuru, Karnataka, India</i>
<ul style="list-style-type: none"> • Design of Earth Retaining Structures (2 times) • Soil Exploration and Testing (2 times) • Pile Foundation Analysis and Design (2 times) • Ground Improvement Techniques (2 times) • Reinforced Earth Structure and Geosynthetics (2 times) • Environmental Geotechniques (1 time) • Geotechnical Earthquake Engineering (1 time) 	<i>M.Tech Geotechnical Engineering, Basaveshwar Engineering College Bagalkot</i>
<ul style="list-style-type: none"> • Geotechnics for Highways (2 times) • Special Problems in Road Construction (1 time) 	<i>M.Sc. in Highway Engineering, Ambo University, Ethiopia</i>
<ul style="list-style-type: none"> • Geotechnics for Highways (2 times) • Special Problems in Road Construction (1 time) • Advanced Pavement Design and Analysis (1 time) 	<i>M.Sc. in Highway Engineering (Extension Program) Ambo University, Wingate Campus, Addis Ababa, Ethiopia</i>
<ul style="list-style-type: none"> • Advanced Foundation Engineering (2 times) • Advanced Computational Methods in Geotechnical Engineering (1 time) • Analysis of Slopes, Earth Retaining Structures and Underground Structures (1 time) 	<i>M.Sc. in Geotechnical Engineering, Arba Minch University, Ethiopia</i>
<ul style="list-style-type: none"> • Advanced Foundation Engineering (2 times) • Advanced Computational Methods in Geotechnical Engineering (2 times) • Analysis of Slopes, Earth Retaining Structures and Underground Structures • Soil Dynamics and Geotechnical Earthquake Engineering (1 time) • Soil Exploration and Field Testing (1 time) 	<i>M.Sc. in Geotechnical Engineering, Jimma University, Ethiopia</i>

<ul style="list-style-type: none"> • Pavement Materials and Construction (1 time) • Advanced Pavement Design (1 time) 	<i>M.Sc. in Highway Engineering, Dire Dawa University, Ethiopia</i>
<ul style="list-style-type: none"> • Foundation Engineering - II • Technical Report Writing and Research Methodology 	<i>B.Sc. in Civil Engineering, Ambo University, Ethiopia</i>

CONFERENCES/STTP/SEMINARS ATTENDED

1. 14 days online National level faculty development programme on "Innovative Teaching Strategies and Tools in the Digital Age" organized by Department of civil engineering, Sri Sairam Engineering College, Chennai, Tamil Nadu from Feb 1st-14th 2024.
2. Five Days FDP on "EMERGING TRENDS IN UAV AND PRACTICAL APPLICATIONS" Jointly Organized by IEEE GRSS Bangalore Section and NIE IEEE Student Branch (NISB), Department of Civil Engineering, The National Institute of Engineering, Mysuru from 16th to 20th January 2024.
3. Indian Geotechnical Conference IGC, organized by Department of Civil Engineering, IIT Roorkee from 14th to 16th December 2023.
4. International Conference on Sustainable Infrastructure: Innovations, Opportunities and Challenges - 2023 (SIIOC - 2023) organized by National Institute of Technology Karnataka, Surathkal on 20th to 21st April 2023.
5. Indian Geotechnical Conference IGC, Cochin, 15th to 17th December 2022.
6. IndoAmerican workshop on, "Multi Hazard Disaster Mitigation", 14th December 2022.
7. National seminar on "Geotechnics for Infrastructure Development" organised by Department of Civil Engineering, NIE Mysuru and also organised as 'Organising Secretary" on 5th September 2022.
8. International conference on "Innovation in smart and sustainable infrastructure" organised by Civil Engineering Department, PDPE University, Gandhinagar on 23rd to 25th August 2022.
9. National Seminar on "Applications of Geosynthetics and Natural Fibers in Infrastructure Development" organised by Department of Civil Engineering, IIT Madras on 24th June 2022.
10. National workshop on "Recent Advances in Geotechnics for Infrastructure" organised by VVCE Mysuru on 28th May 2022.
11. Successfully completed Skill Development and Training Course on "Applications of Geosynthetics in Civil Engineering Projects" organized by IISc Bangalore, IIT Madras and IIT Roorkee from 17th to 28th January 2022.
12. Indian Geotechnical Conference IGC, IGS Trichy Chapter and NIT Trichy, 16th to 18th December, 2020.
13. Participated and successfully completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 14th to 18th June, 2021.

14. Indian Geotechnical Conference IGC, Andra University, Vishakhapatnam, 17th to 21st December, 2020.
15. International Workshop of Technical Committee 213 on "Scour and Erosion" organised on December 16th, 2020 by International Society for Soil Mechanics and Geotechnical Engineering in association with Indian Geotechnical Society and Department of Civil Engineering, Andhra University College of Engineering, Visakhapatnam, India.
16. One Week online FDP on "Infrastructure Works: Site Survey to Execution Using Modern Project Management Techniques" organised by DSATM, Bangalore from 10th to 15th August 2020.
17. One week online short-term course on "Emerging trends in Highway Engineering and Infrastructure Development" organised by Department of Civil Engineering, NIT Jalandhar, from 23th to 27th June 2020.
18. Five days online FDP on "Technologies for Infrastructure planning, design, monitoring and management", organised by Nalla Malla Reddy Engineering College, Divya Nagar, Medchal, Hyderabad, from 16th to 20th June 2020.
19. FDP on "Current Research Avenues in Civil Engineering" organised by Tontadarya College of Engineering, Gadag, on 29th to 31st May 2020.
20. Webinar on "Outcome based education-Road map to E-learning and Accreditation", by IIIT Bangalore, on 29th May 2020.
21. Webinar on "Foundation Settlement using empirical correlations" by Prof. C. H. Solanki, organised by IGS Guntur chapter on 16th May at 6.00 pm.
22. National webinar workshop series on "Recent Advances in Geotechnics for Infrastructure RAGI2020" from 14th to 17th May 2020 by Prof. Madhav, Er. Mohan Prasad, Er. Anirudhan and Prof. G. R. Dodagoudar.
23. Webinar on "Various reinforced soil walls and slope systems", by Dr Ratnakar Mahajan, Maccaferri on 15th May.
24. Webinar series by Geopier on "Ground improvement solutions for the Transportation sector", 12th May, 2020.
25. Indo-China Research webinar series in Civil and Environmental Engineering, 8th to 19th May 2020, in association of Shantou University, China and Vardhman Engineering College, Hyderabad.
26. Webinar series by Geopier on "Ground improvement solutions for liquefaction mitigations", 7th May 2020.
27. Webinar on "Construction and quality control of reinforced soil wall", by Er. D. V. Bhavann Rao, Rtd. Chief Engineer on 30th April 2020.
28. Webinar on "Geogrid reinforced pavements-IRC SP59 2019" by Er. Deeraj Reddy, Techfab India on 30th April 2020.
29. Webinar on "How to use MacSTARS W4.0 - A versatile reinforced soil software" by Rudra Budhbatti, Maccaferri on 30th April 2020.
30. Webinar on "CASE STUDY- Verification and Foundation solution to high rise building" by Dr. C R Parthasarathy, on 29th April at 2020.

31. Burmister lecture on "Limit state design framework for reinforced slopes and walls" by Prof. Dov Leschinsky, University of Delaware & Adama engineering, USA on 29th April 2020.
32. Webinar on "Innovative flexible two-stage MSE wall solution to address soft ground and land subsidence geohazards", by Dr. Naresh Samtani, NCS GeoResources, USA, conducted by IIT Gandhinagar on 27th April 2020.
33. Webinar on "How to avoid Reinforced Soil wall failures", by Er. Yeshodeep Patil, Strata India on 24th April 2020.
34. Webinar on "Reinforced soil walls: Time to analyse and review", by Dr. Rajic Goel, CEPT University on 20th April 2020 2020.
35. Indo-Korean Workshop on "Geotechnical Issues for Urbanisation" Le Meridien Hotel, Surat, India, 18th December 2020.
36. Indian Geotechnical Conference, Marriott Hotel, Surat, India, 19-21st December, 2019
37. Fifteen Days GIAN Course on "Design and Analysis of MSE Walls" IIT Patna, Bihar, 29th July to 10th August 2019.
38. One Day International Seminar on "Sustainability in Geoenvironmental Engineering" Patna, Bihar, 5th August 2019.
39. Two days Seminar on "Soil and Highway Material Testing" Indore, MP, 30-31st August 2019.
40. International conference on Recent Trends in Engineering and technology and the Quest for sustainable development, Ambo University, Ethiopia, 3th – 14th May, 2019.
41. One Day International workshop on, "Fibre Reinforced Soil" by Prof. S. J. Shukla, SVNIT, Surat, 22nd September 2018.
42. Two Days National DFI seminar on, "Pile Foundation analysis and Design" SVNIT, Surat, 27th to 28th May 2017.
43. Two Days International symposium on, "Emerging Technologies for sustainable development" BEC, Bagalkot, Karnataka, 27th to 28th February 2017.
44. Indian Geotechnical Conference, IIT Madras, Chennai, 15th to 17th December 2016
45. One Day Workshop on, "Deep Foundations in Liquefiable Soils and Deep Excavation Experiences" IIT Madras, Chennai, 14th December 2016.
46. International Forensic Geotechnical Engineering Conference, IISc Bangalore, 8th to 10th December, 2016.
47. One Week Workshop on, "Geotechnical Aspects of Foundation Engineering" SVNIT, Surat, 17th to 21st October 2016.
48. One Day Seminar on "Soil contamination by Industrial waste", Institute of Engineers, Vadodara, 1st October 2016.
49. International Geotechnical Engineering Conference on "Sustainability in Geotechnical Engineering Practices and Related Urban Issues", IIT Bombay, Mumbai, Maharashtra, 23rd to 24th September 2016.
50. National Seminar on "Geotechnical Engineering", SVNIT, Surat, Gujarat, 20th to 21st August, 2016.
51. International Conference on "Soil and Environment", IISc Bangalore, Karnataka, 22nd to 23rd July 2016.

52. Two days training programme on “Geotechnical Investigations, Interpretations & Improvements (GIII-2016)” SVNIT, Surat, Gujarat, 8th to 9th April 2016.
53. Workshop on “Outcome Based Education” BEC, Bagalkot, Karnataka, 19th to 20th February 2016.
54. International (Speaker) Training Course on “Introduction to Geosynthetics and Their Application (ITCIGA-2015)” SVNIT, Surat, Gujarat, 14th December 2015.
55. Faculty Development Program on “Active Cooperative Learning and Teaching”, IIT Madras, Chennai, Tamilnadu, 12th to 14th October 2015.
56. One Week Workshop on “Geotechnical Investigations, Interpretations and Improvements (GIII 2015)” SVNIT, Surat, Gujarat, 14th to 18th July 2015.
57. Three days “Human Resource Development Programme”, BEC, Bagalkot, Karnataka, 25th to 28th February 2015.
58. Finishing school cum workshop on “Geotechnical Aspects of Foundation Engineering”, SVNIT, Surat, Gujarat, 9th to 11th October 2014.
59. Ten Days Workshop on “Advances in Geotechnical Engineering (AGE – 2014)” SVNIT, Surat, Gujarat, 25th June to 4th July 2014.
60. International Conference on “Latest Trends in Civil, Structural, Environmental and Infrastructure Engineering” Chennai, Tamilnadu, 8th to 10th March, 2014.
61. Finishing School Cum Workshop on “Ground Improvement Techniques”, SVNIT, Surat, Gujarat 11th to 12th February, 2014.
62. Forth International Conference on “Solid Waste Management”, Hyderabad, Andra Pradesh, 28th January, 2014.
63. International Conference on “Advances in Engineering and Technology”, Nagpur, Maharashtra, 8th to 9th January 2014.
64. Second International Conference on “Sustainable Innovative Techniques in Civil and Environmental Engineering” Jawaharlal Nehru University, New Delhi, 5th January, 2014.
65. Indian Geotechnical Conference 2013, IIT Roorkee, Uttarakhand, 22nd to 24th December 2013.
66. International Conference on “Emerging Trends in Civil and Mechanical Engineering” Siliguri, West Bengal, 10th November 2013.
67. Workshop on “Geotechnical Investigations, Interpretations and Improvements” SVNIT, Surat, Gujarat, 18th to 22nd October 2013.
68. National Seminar on “Advances in Geotechnical Engineering” SVNIT, Surat, Gujarat, 7th to 9th June 2013.
69. Summer internship for period of 8 weeks under Dr. G.R. Dodagoudar, IIT Madras, Chennai, Tamilnadu, August to June 2013.
70. 4th Young Indian Geotechnical Conference (4IYGEC), IIT Madras, Chennai, Tamilnadu, 17th to 18th May 2013.
71. Workshop on “Finite Element Modelling with MATLAB” SVNIT, Surat, Gujarat, 6th to 10th May 2013

72. One Day Finishing Scholar on "Overview of Ground Improvement Techniques" SVNIT, Surat, Gujarat, 23rd April, 2013
73. Workshop on "LANDFILLS" IIT Delhi, New Delhi, 6th to 7th March 2013.
74. Finishing School cum Workshop on "Ground Improvement Techniques" SVNIT, Surat, Gujarat, 11th to 12th February 2013.
75. Structural Engineering Convention (SEC-12) SVNIT, Surat, Gujarat, 19th to 21st December, 2012
76. Indian Geotechnical Conference 2012, IIT Delhi, New Delhi, 13th to 15th December 2012.
77. Indo-Korean workshop on "Geotechnology for Urban Development" IIT Delhi, New Delhi, 12th December 2012.
78. National level conference on "Civil and Chemical Engineering" Bapuji Institute of Technology, Davangere, Karnataka, January, 2011.
79. National level technical conference on "Emerging Engineering Techniques" KIT's College of Engineering, Kolhapur Maharashtra, October, 2010.
80. National level conference on "Civil and Environmental Engineering" Malnad College of Engineering, Hassan, Karnataka, September, 2010.
81. State level conference on "Civil Engineering" Malnad College of Engineering, Hassan, Karnataka, July, 2009.

EXPERT / INVITED TALKS DELIVERED

1. Expert speaker at One day National Seminar on "Recent Advances in Geotechnical Engineering (RAGE) - 2023" organized by Indian Geotechnical Society Surat Chapter in association with Department of Civil Engineering, SVNIT Surat, Indian Geotechnical Society Student Chapter SVNIT and Indian Geotechnical Society Student Chapter SCET on 15th October 2023.
2. Expert Speaker at Five Days Faculty Development Program (FDP) on "Research Insights in Civil Engineering (RICE - 2023)", organised by Dept of Civil Engineering, NIE Mysuru on 27th July 2023.
3. Invited as Guest speaker on "Importance of Higher Education and Career Opportunities" organized by Training and Placement cell, The Oxford Group of Institutions, Bengaluru on 2nd June 2023.
4. Resource Person at One week Faculty Development Program on EMERGING TRENDS AND PROSPECTS IN GEOTECHNICAL ENGINEERING 19th - 24th December 2022, Organized by Department of Civil Engineering, S. G. Balekundri Institute of Technology, Belagavi
5. Expert Speaker at National seminar on "Geotechnics for Infrastructure Development" at NIE Mysuru on 5th September 2022.
6. Expert Speaker for webinar on "An overview of ground improvement techniques with some case histories - Geosynthetics, Soil Nailing and Micro Piles" organised by Faculty of Technology, CEPT University, Ahmedabad on 09/10/2021.

7. Guest Lecture at Department of Civil Engineering, NIT Surat for M.Tech second year Geotechnical Engineering students on Research and Career opportunities on 25/04/2022.
8. Speaker in SDP on "Job Opportunities & Higher Studies in Civil Engineering" organised by Dept of Civil Engineering, NIE Mysuru on 10th January 2022.
9. Expert Speaker for webinar on "Recent Applications of Geosynthetics in Civil Engineering Projects" organised by Faculty of Technology, CEPT University, Ahmedabad on 9th October 2021.
10. Invited as Expert Speaker for webinar on "Applications of Geosynthetics in Civil Engineering Projects" organised by IGS Surat Chapter and IGS Student Chapter, SVNIT, Surat on 25/07/2021.
11. Delivered an expert talk on "Interlocking Stabilised Soil Blocks - Appropriate Material and Method for Construction Rural Areas" as Resource Person in One Week FDP on "Precast and Sustainable Technologies" organised by JB Institute of Engineering and Technology, Hyderabad on 23rd April, 2021.
12. Guest Lecture on Career opportunities and Guidance for Civil Engineering Students on 15th January 2021, organised by Department of Civil Engineering, KLE Dr. M. S. Sheshgiri College of Engineering & Technology, Belagavi.
13. Presented a webinar talk on "Career Opportunities in Civil Engineering: Global and Domestic Scenario" at Biluru Gurubasava Mahaswamiji Institute of Technology, Mudhol, Karnataka. The talk was held on the eve of Engineer's Day, 23/10/2020.
14. Talk on "Guidelines for Career in Civil Engineering", in online workshop on Career Opportunities and Guidance organised by NIE Mysuru on 14th July 2020.
15. Expert E-Talk in Webinar on "Introduction to Applications of Geosynthetics in Civil Engineering Projects" on 31st May 2020 organised by Amritvani College of Engineering, Sangmner, Maharashtra.
16. Invited talk on "Applications of Geotechnics in Civil Engineering Practice" at SKSVM Agadi College of Engineering, Laxmeshwar, Gadag on 17th September 2019.
17. Keynote Address at Ambo University, Ethiopia on "Research Publications" on Research Review Day on 24th May 2019.
18. Invited talk at BGM Institute of Technology, Mudhol, Karnataka, India on "Importance of Higher Education" On 13th August 2018.
19. Invited talk at BGM Institute of Technology, Mudhol, Karnataka, India on "What next after B.E / B.Tech" on 3rd March 2017.
20. Invited talk at Rural Engineering College, Hulkoti, Karnataka, India on "Career Opportunities and importance of GATE" on 13th April 2017.

MEMBERSHIPS IN PROFESSIONAL BODIES

1. Life Member of Association of Consulting Civil Engineers (INDIA) - Member ID: 5466-L
2. Member of International Society of Geosynthetics. Member ID: 11584
3. Life Member of Indian Geotechnical Society. Member ID: LM 4474

4. Member of International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE).
5. Associate Member of American Society of Civil Engineers (ASCE) - India Southern and Western Section. - Member ID: 9776411
6. Associate Member of The Institute of Engineers India. - Member ID: AM1838418
7. International Association of Engineers (IAENG) - Member ID: 254581
8. Life Member of Teaching and Education Research Association (TERA), Member ID: TERA - M110584
9. Associate Member of Geo Institute of ASCE

REVIEWER / EDITORIAL MEMBER

1. Reviewer of "Patents in Engineering" Journal (Scopus)
2. Reviewer of American Journal of Civil Engineering
3. Reviewer of Advances in Science, Technology and Engineering Systems Journal
4. Editorial Board Member of International Research Journal of India
5. Editorial Board Member of Advances in Engineering – An International Journal
6. Editorial Board Member International Open Journal of Science and Engineering
7. Reviewer of International Journal of Engineering Research and Technology

M.Tech THESES AWARDED UNDER MY GUIDANCE AS MAIN ADVISOR

1. Ashwini. A. Landslide Risk Assessment and Mitigation, 2016
2. Bharamagoud. B. Experimental Study of Heave Control Technique for Expansive Soil Using Micropiles, Geotextile Layers and Bio Enzyme, 2016
3. Mahesh. C. Bearing Capacity Improvement by using Geonet and Geogrid, 2016
4. Sangamesh. K. Numerical and Analytical Analysis of MSE Wall, 2016
5. Shashidhar. H. Comparative Study on Stabilization of Expansive Soil Using Fly Ash, Rice Husk Ash, Bagasse Ash & Marble Dust, 2016
6. Shilpa. V. Static and Seismic Analysis of MSE Wall, 2016
7. Vijayvardhan. R. Prediction and Simulation of Contaminant Transport Modeling, 2016
8. Deepali. G Numerical Study on Prediction of Behaviour of Braced Excavation in Heterogeneous soil, 2017
9. Sahana. A. Performance of Reinforced Earth Walls with Rammed Aggregate Pier, Pile Foundation and Drilled Shaft as Supporting System, 2017
10. Soumya. Y. Seismic Response Analysis of Gravity Retaining Wall for Homogenous and Heterogeneous Foundation Soil, 2017
11. Akshata. A. Enhancement of Index and Engineering properties of Expansive soil by Basalt Fibres and Silica Fume, 2017
12. Ashwini. S. Experimental Investigation on Viability of Metakaolin based Stabilized/Solidified Lead Contaminated Soil, 2017
13. Avinash. A. Improvement of Bearing Capacity of Sand with Geocell Reinforcement of Different Stiffnesses, 2017

14. Raghavendra. R. Comparative Study on Behaviour of MSE and Conventional Retaining wall for Different Earthquake Conditions, 2017
15. Sneha. P. Experimental Investigation on Geotechnical Properties of Chromium Contaminated Soil by Alco fine, 2017
16. Mulugeta Regassa. Characterisation of subgrade soil for flexible pavement design: The case of Arbaminch – Konso road, 2019
17. Hiruy Getahun. Investigation on engineering properties of a soil and its improvements at subgrade: Case study of Addis Ababa to Nairobi Corridor (Chuko to Yirgachefee), 2019
18. Yitakel Assfaw. The assessment of effects of deep excavations on adjacent structures using FE program: A case study in Addis Ababa, Hawassa University Geotechnical Engineering, 2020
19. Kibrom Negasi. Gebreyesus. Numerical Simulation of Vane Shear Test using Finite Element Hawassa University, Geotechnical Engineering, 2020
20. Ashenafi Tefera. Comparative analysis of Gravity retaining wall and MSE wall under different seismic conditions, Arba Minch University, Geotechnical Engineering, 2020
21. Abebe Edosa Toli. Investigation of some Engineering properties of Soil in Adama town and Geotechnical data management by GIS software, Jimma University, Geotechnical Engineering, 2020
22. Rameto Tusa. Evaluation of Alternative stabilisation techniques and developing swelling potential prediction model for expansive soil in Worabe town Hawassa University, Geotechnical Engineering, 2019
23. Zemu Gina. Evaluation of Liquefaction Potential of soil near lake Hawassa, Hawassa University, Geotechnical Engineering, 2019
24. Malluraj Hitni. Landslide Studies of Coorg District, Karnataka, NIE Mysuru, Water Resource Engineering, 2021
25. Anitha. Seismic Response Analysis of High-Rise Building considering soil-structure interaction, 2022
26. Sanjeevini B Akki. Effect of Bracings on the Performance of High-Rise Structure Considering the Influence of Earthquake, 2022 (Co-Advisor)
27. Basavaraj C S. Effect of Foundation Types on the Dynamic Performance of Onshore Wind Turbines considering the effect of Soil-Foundation-Structure Interaction, 2023
28. Dhariyappa Dhoolappanavar. Wind Analysis of Tall Reinforced Concrete Chimney Considering the effect of Soil Structure Interaction, 2023

SOFTWARE PROFICIENCY

1. FLAC 2D/3D
2. PLAXIS 2D / 3D
3. MATLAB
4. REAME - Slope Stability Analysis
5. GRLWEAP- Pile Driving Analysis
6. GEOSTUDIO 2014

7. SOIL VISION OFFICE 2009
8. GEO 5
9. MODFLOW
10. QUAD4
11. TALREN
12. AUTO CAD

ACADEMIC RESPONSIBILITIES

1. Research Ambassador, Dept. of Civil Engineering, NIE Mysuru (2023-2024)
2. Honorary Secretary for Indian Geotechnical Society, Mysuru Chapter (2023-Till Date)
3. Student Club Coordinator at Department level at NIE Mysuru (2022-2023)
4. Career Guidance Coordinator at Department level at NIE Mysuru (2022-2023)
5. Training and Placement Coordinator at Department level at NIE Mysuru (2020-2022).
6. Coordinator for establishment of new PG geotechnical engineering program at Ambo University (2018-19).
7. Chief Coordinator for Centre of excellence and incubation at Ambo University, Ethiopia (2018-19).
8. Member of Graduate Engineering Committee for PG studies at Ambo University, Ethiopia (2017-19).
9. Faculty Advisor, Faculty of PG Geotechnical Engineering Studies, Basaveshwar Engineering College, Bagalkot (2015-17).
10. Member, Anti Ragging Committee, Basaveshwar Engineering College, Bagalkot 2016 (2016-18).
11. HRD Trainer for many UG and PG students at various engineering colleges in India. (2015-17).
12. National Board of Accreditation Coordinator for Faculty of PG Geotechnical Engineering Studies, BEC BGK (2015-17).

CONTACT DETAILS

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PROFESSIONAL REFERENCES

Prof. C. H. Solanki

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Prof. G. R. Dodagoudar

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Prof. Deepankar. Choudhury

Professor and Head,
Department of Civil Engineering,
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Prof. Krishna Reddy

Professor & Director,
Civil, Materials, and Environmental
Engineering Department
University of Illinois
Chicago, USA