



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Autonomous)

(Approved by AICTE Affiliated to JNTU Kakinada)
Ganguru, Vijayawada – 521 131. Phone: 0866 – 2583842 / 43.
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

FACULTY PROFILE

Name of the Faculty : Mr. V. Vamsi Kalyan

Designation : Assistant Professor

Email : veerlavamsikalyan@diet.ac.in

Department : Civil Engineering

**Educational
Background**
:

1. Ph.D. (Pursuing), National Institute of Technology Warangal, Warangal
2. M. Tech (Geotechnical Engineering) from VNR VJIET, Hyderabad
3. B. Tech (Civil Engineering) From GITAM University, Visakhapatnam

Research Areas : Geotechnical Engineering, Soil Material-Interface Interaction



Academic Experience

Sl. No	Institute	Designation	Period
1.	DhaneKula Institute of Engineering and Technology	Assistant Professor	August 2025- till date
2.	St. Martin's Engineering College	Assistant Professor	July 2022- August 2024
Research Experience			
Sl. No	Project title	Designation	Period
	Project under Collaborative Research Scheme, TEQIP-III, JNTU-H	Project Research Fellow	August 2019 – October 2020

List of Publications (National and International Journals)

1. Vamsi Kalyan Veerla., et. al., "Systematic Approach of Groundwater Resources Assessment Using Remote Sensing and Multi-influence Factor (MIF) Techniques in Medchal Mandal, Telangana State, India," Springer book chapter, 2023. Pages 343-358
2. Vamsi Kalyan Veerla, Srinivas Kadali, Suresh Kommu, Asadi, SS. (2021) "Simple Shear Testing of Sand a Novel Approach," Solid State Technology, Volume: 64 Issue: 2, 209-220, 2021.

3. Vamsi Kalyan Veerla, Srinivas Kadali. (2022) “A Study on Soil Interface Interaction”, Materials Today, Volume 51, Part8, 2022, Pages 2561-2568
4. Vamsi Kalyan Veerla, et.al., “Contemporary materials and their trailblazing utilization: Spent coffee grounds infused with M-30 grade concrete optimal strength determination”, AIP Conference Proceedings 3231(1), 060011, 2024.S
5. “Stabilization of Problematic Soils Using Repurposed Rayon Fabric Composite System,” 2023, publication/patent record. Application Filing Number: 202341051332 A
6. Text Book of Geotechnical Engineering, Spectrum Publication, 2023 (co-author).
ROC number: L-131987/2023
7. Text Book of Foundation Engineering, Spectrum Publication, 2023 (co-author).
ROC number: L-131928/2023
8. Text Book of Water and Waste Water Engineering, Spectrum Publication, 2023 (co-author).
ROC number: L-139263/2023
9. Text Book of Prestressed Concrete, Sri Krishna Techno Books Publication, 2023 (co-author).
ISBN: 978-93-94246-03-4

National/International Conferences ((National and International):

1. Presented a technical paper titled, “Development of Program for Settlement Control in Cohesionless Soils”, in the two-day international conference on Recent Advances in Mechanical and Industrial Engineering – 2026 (ICRAMIE-2026) organized by Prasad V. Potluri Siddhartha Institute of Technology. ISBN: 978-93-5812-622-8
2. Presented a technical paper titled, “Permeability Studies on Anthropogenic Stratified Soils”, in International Conference on Revolutionary Technology in Civil Engineering 2023 by St Martins Engineering College. ISBN: 978-93-91420-15-4
3. Presented a technical paper titled, “Comprehensive study on the Special Epoxy Polymeric Sand”, in International Conference on Revolutionary Technology in Civil Engineering 2023 by St Martins Engineering College. ISBN: 978-93-91420-15-4
4. Presented a technical paper titled, “Brief Review of Literature on Soil Material Interface”, in the International Conference on Construction Materials and Smart Structures for Sustainable Development (ICCMSSSD-2020).

Faculty Development Program, Workshops and Training Programs:

1. Two-day workshop on “Build AP: through Research, Innovation, Patents, Products and Startups”, organized by Andhra Pradesh State Council of Higher Education, and Acharya Nagarjuna University from 06-08-2026 to 07-08-2026.
2. Attended one day workshop at National Discovery Center Vijayawada Chapter by EBCO

on 01-08-2026.

3. One Week Faculty Development Program titled "Smart Solutions for Sustainable Environment" organized jointly by GMRIT and KEC Tamil Nadu from 19th – 24th January 2026.
4. Five day Faculty development program "Advanced Sustainable Practices in Civil Engineering (ASPCE-2025)", organized by Dhanekula Institute of Engineering and Technology in association with Indian Concrete Institute
5. Six-day Faculty Development Program on "Brains + Bots: AI Tools Shaping the Future of Research and Educational Automation" by Sree Dattha Group of Institutions from 24th – 29th November 2025.
6. "Introduction to Data Analytics," Coursera powered by IBM Technologies, January 2025.
7. IELTS – Overall Band 7.5, CEFR Level C1. March 2022
8. AICTE ATAL Faculty Development Program "Innovative Contactless Investigation Techniques in Civil Engineering", at VNR VJIET from 06th to 10th September 2021.
9. 3 Day technical symposium on "Sustainable Advancements in Transportation Engineering", organized by Pandit Deedayalu Energy University, from 17th to 19th April 2021.
10. Fourth Dr. Vitor de Mello Goa Lecture series organized by Indian Geosynthetic Society Goa Chapter on 13th February 2021.
11. Professional Development Course "Advancements in the Approach to erosion Control" organized by MACCAFERRI on 28th January 2021.
12. AICTE sponsored Six Days Short Term Training Program on "Technical Writing & Research Methodology", organized by Chaitanya Bharathi Institute of Technology from 14th to 19th December 2020.
13. AICTE sponsored Short Term Training Program on "Advances in Finite Element Method for Industry & Research Applications", by Vasavi College of Engineering from 23rd – 28th November 2020.
14. One Week International Workshop on Durability of Concrete organized by National Institute of Technology Surathkal from 26th to 30th October 2020.
15. Four-day Faculty Development Program "Earthquake Geotechnics" by Department of Civil Engineering National Institute of Technology from 22nd to 26th September 2020.
16. Training workshop on "Ground Improvement: Emerging and Future Developments" by IGA Agartala on 26th September 2020.
17. Five day Faculty Development program on "Smart and Sustainable Materials in Construction ", by Sri Venkateswara Institute of Science and Technology from 04th to 08th August, 2020.
18. Hands on Workshop on Dart Programming Language organized by VNR Vignana Jyothi Institute of Technology. On 27th July 2020.
19. . Faculty Development Program on "Pavement Design, Construction, and Rehabilitation (PDCR-2020)," 25–27 June 2020.
20. Attended a workshop "Geotechnical Knowledge Network on Ingenious Technologies(GeoKNIT-2020)", organized by Indian Institute of Technology Hyderabad on 22nd February 2020.
21. Attended a course titled "Constitutive Modelling of Unsaturated Soils and its Practical Applications for Critical Infrastructure", organized by Indian Institute of Hyderabad from December 17th – 21st 2018 under Global Initiative of Academic Networks.
22. International Training Program – "Crisis and Disaster Management," by National Disaster Management, Government of India.
23. SIG Workshop – "Modelling on Concrete Building Structures," Bentley Technologies.

24. Professional Development Training on “Geosynthetic Applications for Construction Expediency,” by Tensar International Corporation.
25. Workshop under Scheme for Promotion of Academic and Research Collaboration entitled “Strengthening of Civil Infrastructure using Advanced Technologies – Challenges and Opportunities”, organized by Indian Institute of Technology Hyderabad.
26. State level training program on “Water Distribution Network Modelling using EPANET”, organized by MVGR College of Engineering. 10th to 12th December 2015.
27. Hands on training workshop Construction Computer Software Candy organized by Indian Institute of Technology Kharagpur 8th and 9th February 2014.

Awards or Recognitions etc.,

1. Stood Second in the college level faculty sports competition at Dhanekula Institute of Engineering and Technology, Sport: Short put (2026).
2. Stood First in the college level faculty sports competition at St. Martin’s Engineering College, Sport: Tug of War (2024).
3. My project idea “Stabilization of Problematic Soil Using Repurposed Rayon Fabric Composite System.”, got selected for J-HUB Idea Accelerator Program 2023, JNTU Hyderabad.
4. Organized a two days Faculty Development Program titled, “Digital and Emerging Technologies Application in Civil Engineering”, on 30th to 31st October 2023 at St. Martin’s Engineering College.
5. Served as the college level Coordinator at St. Martin’s Engineering College, overseeing and coordinating institute level events, from May 2023 to August 2024.
6. Ratified as Assistant Professor by selection committee from JNTU- Hyderabad, on 18th October 2022.
7. Secured **81.3 percentile** in TCS National Qualifier Test on cognitive skills in 18th January 2022.
8. Second Prize – Technical Paper Presentation on “Geophysical Investigations,” Convergence 2K18, VNRVJiet, October 2018.
9. GATE-2016, Organized by IISC Bangalore, GATE Score – 341, GATE All India Rank – 15269.

Professional Membership/Certification:

1. Indian Geotechnical Society (IGS) – Life Member, Id: LM-4626.
2. International Geosynthetics Society – International Member, Registration Id- 14238.
3. American Concrete Institute – International Member, Id: 01814226.
4. ASTM International – Member, Id: 2150107.
5. ASHRAE – International Member.
6. ASM International – Associate Member, Id- C-06076360.
7. Chartered Institution of Wastes Management – Member, Id- 1095957.