

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

KNOWLEDGE ASSET 2022-23

Name: Dr.Ch.Nageshwar Rao
Designation: Professor
Department: Civil Engineering
Mail I'd: nageshwarrao_ch@vnrvjiet.in



Experience (in years): 42 Yeras Teaching: 39 Research: 03 Others (if any, specify):

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	B.Tech	1986	Civil Engineering
2	M.Tech	1989	Geo-Technical Engineering
3	Ph.D	2009	Civil Engineering

2. Teaching and Learning:

- 2.1. Teaching Interests: Geo-Technical Engineering, Ground Improvement, Foundation Engineering
- 2.2. Novel Teaching & Learning Techniques adopted: Offline & Online Teaching, Power Point Presentations
- 2.3. Involvement in curriculum updating / Design: M.Tech (Geo-Tech) R-18 Curriculum

3. Co-curricular and Extra-Curricular Activities

- 3.1. Interests and Hobbies: Playing TT, Listening Music, Yoga, Walking & Cyclig
- 3.2. CCA/ECA Organized:
- 3.3. CCA/ECA participated:
- 3.4. Counselling and Mentoring Activity: Counselling Mentoring UG & PG Students
- 3.5. Committees involved in:
 - Department level: DDC
 - Institute Level: Covid-19 (Zone 10, Restart Manual Preparation)

4. Conference / Workshop / Seminar / Guest Lectures :

- 4.1 Conducted:
- 4.2 Attended:
AICTE sponsored two week online Faculty Development Program (FDP) on “Advanced Computing in Civil Engineering (ACCE)”, Series-2: Advanced Numerical Modelling in Geotechnical, Hydraulic and Environmental Quality Applications from 15-Feb-2021to 27-Feb-2021.

Guest Lectures delivered by Prof.MR Madhav: Compressibility and Consolidation, Paper writing Skills & Settlement of foundations on/in the Ground.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

5.2. Articles / Chapters published in Books:

5.3. Books published as single author or as editor:

5.4. Projects Guided :

a) UG : 04 b) PG : 07

5.5. Research Interests :

5.6. Ph.D students :

a) Enrolled : 01 b) Submitted : c) Awarded :

5.7. Papers published in reviewed journals :

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Effects of Soil Parameters and Moisture Content on Stiffness of Unsaturated Blended Laterite using Tri-Axial Tests for Rural Roads	International Journal of Earth Sciences and Engineering,4,1091-1102	0974-5904	0.042	International
2	PFWD, DCP and CBR Correlations for Evaluation of Lateritic Subgrades	International Journal of Pavement Engineering,10,1-11	1477-268X	0.877	International
3	Effect of Soil Parameters on Dynamic Cone Penetration Indices of Laterite Sub-grade Soils	Journal of Geotechnical and Geological Engineering,27,585-593	0960-3182	1.25	International
4	Effect of Fines and Moisture Content on PFWD Resilient Modulus of Un-soaked Blended Laterite Sub-grades	Highway Research Journal of Indian Roads Congress,8,111-116	Xxxx	xx	National
5	Laboratory Studies on Evaluation of Laterite Subgrades Using DCP and CBR, and the Correlations	Highway Research Journal of Indian Roads Congress,2,51-61	Xxxx	xx	National
6	Strength and Stiffness of Soaked Laterite Soils Blended with fines and PFWD, PBT, DCP, and CBR Correlations	Highway Research Journal of the Indian Roads Congress, 2,93-106	Xxxx	xx	National
7	A Laboratory Investigation on Evaluation of Lateritic Subgrades Using PFWD	Highway Research Journal of Indian	Xxxx	xx	National

	and CBR, and Their Correlations	Roads Congress,2,51-61			
8	Investigations on Unsoaked Blended Laterite using PFWD, PBT, DCP, and CBR Tests	Journal of Indian Roads Congress,70,224-233	Xxxx	xx	National
9	Fly Ash and Rice Husk Ashconcrete for Rigid Pavements	Indian Highways,35,33-45	Xxxx	xx	National
10	PFWD and DCP for Lateritic Subgrades of Dakshina Kannada District	NITK Research Bulletin,16,25-31	Xxxx	xx	National

5.8. Papers presented at National / International Journals :

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1				
2				

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
1	Development of an Indigenous Low Cost / Light Weight Deflectometer for Structural Evaluation of Pavement	DST	March, 2019 to August 2021	14.15 Lacs	Ongoing

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received: Govt. of AP Conferred state level “BEST HEAD OF SECTION IN POLYTECHNICS” Award for the Academic year 2009-10 through G.O.Rt. No.660, Dt.31-08-2010.

7. Motto: Hard Working and Simple living