

**GOVERNMENT POLYTECHNIC, TADIPATRI
DIPLOMA IN CIVIL ENGINEERING SECTION**

FACULTY DETAILS



1. Faculty Profile

Name	PERUSOMULA HEMANTH
Designation	LECTURER IN CIVIL ENGG.
Department	CIVIL ENGINEERING
Phone Number	9440704450
Email ID	hemanthperusomula@gmail.com
Date of joining in the Department	08-11-2013
Date of joining in the Present institute	13-01-2022

2. Educational Qualifications

Qualification	Specialization	Date of Passing(DD-MM-YYYY)	University/Board
UG(B.Tech)	CIVIL ENGG.	APRIL-2012	JNTU ANANTAPUR
PG	GEOTECHNICAL ENGG.(CIVIL ENGG.)	APRIL-2014	IIT KHARAGPUR

3. Teaching & Industry Experience

Experience Type	Institution/ Organization	Duration (From – To)	Total Years
Teaching	Govt. Polytechnic, Kalyandurg	08-11-2013 to 12-01-2022	12
	Govt. Polytechnic, Tadipatri	13-01-2022 to till Date	

5. Research & Publications

S.No	Title Of Paper Publication/Conference	Description Of Publication/Conference	Year
1.	Effect of elevated temperature on geotechnical properties of soils– A review	Materials Today: Proceedings 69 (2022) 1130–1133	2022
2	Geotechnical and Mineralogical Transformations of Low Plastic clay Soils under Elevated Temperatures	International Journal of Engineering Research & Technology (IJERT) Vol. 14 Issue 12	2025
3	Temperature Induced Variations in Soil Shear Strength: Experimental Approach	International Journal of Science and Technology (IJST) ISSN: 3049-1118, Volume- 2, Issue- 4	2025
4	Thermo Mechanical and Microstructural Behavior of Clay Soil Under Elevated Temperatures with CBR Prediction Modelling	International Journal of Scientific Engineering and Research	2025

6. Professional Memberships (Membership in Professional Bodies (IEEE, ISTE, IET, etc.))

S.No	Name Of the Professional Bodies	Type Of Membership	Membership Number
1.	ISTE	LIFE TIME MEMBER	LM129212
2.	IE	LIFE TIME MEMBER	AM188238-7
3.	IGS	LIFE TIME MEMBER	LM-4365

7. Workshops / FDPs / STTPs Attended

S. No	Academic Year	Name Of The Training Program	Institute & Place Of The Training	Duration
1.	2023-24	Industrial Training	Survey of India, Hyd	3 weeks
2.	2023-24	Soil Engineering: coupled process and applications	Presidency University, Bangalore	1 day

- **MOOCs/NPTEL/SWAYAM Certifications:**

S. No	Academic Year	MOOCs/NPTEL/ SWAYAM	Course Name	Duration
1	2019-20	NPTEL	Geotechnical Engg. Laboratory	4 weeks
2	2020-21	NPTEL	Student Psychology	8 weeks
3	2020-21	NITTTRChennai	E content Development & Learning Management System	1 week
4	2021-22	NPTEL	Digital Land Surveying and Mapping	8 weeks