Faculty Profile

Faculty Name: Dudekula Janaki Ramudu
Department: CE
Designation: Assistant Professor
Date of Joining the Institution: 18.06.2024

Faculty Description:

Dudekula Janaki Ramudu (Ph.D) from SV University, Tirupati, M.Tech. in Civil Engineering from KSRM College of Engineering, Kadapa, Andhra Pradesh, in the year 2017 and B.Tech. in from Brindavan Institute of Technology & Sciences, Kurnool, Andhra Pradesh in the year 2014. He has five years of teaching and one year of Industry experience. He believes in Seeking a challenging career in an organization that provides me an opportunity to demonstrate my skills and improve my knowledge and be a part of your team that works dynamically towards the goals of the organization.

Qualification:

Qualification	Institution	Year
(PhD) (Geotechnical Engineering)	Sri Venkateswara University College of Engineering, Tirupati.	
M.Tech(CE)	KSRM College of engineering (Autonomous), Kadapa.	2017
B.Tech(CE)	Brindavan Institute of Technology & Sciences, Kurnool	2014

Experience:

Designation	Institution	From	To
Assistant Professor	Dr.K.V.Subba Reddy Institute of Technology, Kurnool.	1-7-2017	25-5-2018

Designation	Institution	From	To
Assistant Professor	Narayana Engineering College, Gudur, Nellore.	1-6-2018	3-9-2020
Research Scholar	Sri Venkateswara University College of Engineering, Tirupati	5-11-2020	
Geotechnical Consultant	Modern Quality Control Lab and Consultancy, Nellore.	5-10-2023	15-6-2024
Assistant Professor	Dr.K.V.Subba Reddy Institute of Technology, Kurnool.	18-6-2024	till date

Awards / Achievement:

- ✓ *A **JNTUA RATIFIED (2019)** faculty.*

Responsibilities:

- ✓ Working as a faculty
  The following responsibilities are carried out as a faculty
  - Teaching regular Course Work
  - Mentoring the Students
  - Continues research

Expertise / List of subjects handled:

- Geotechnical Engineering I & II
- Geotechnical Engineering Lab
- Hydrology & Hydraulics Engineering
- Engineering Geology
- Fluid Mechanics
- Surveying

Research Interest:

- Ground Improvement.
- Slope stabilization

Journals:

1. **"Effect of Sand Gradation on the Shear Parameters in the Soil Sample a Case Study in Kadapa District"** in **"Research India Publication, IJIRSET"**, Volume-5, September 2016.
2. **"Study on the Effect of Permeation Grouting With Cement and Lime in Silty Sand"** in **IJIRSET,** Volume-05, Issue-11, November 2016.

3. **" A Study on the Effect of Permeation Grouting With Cement and Lime in Silty Sand Soil"** in **"MANTECH Publications, Journal of Materials and Metallurgical Engineering"**Volume-02 Issue-01, 2017.
4. "**A Study on the Effect of Permeation Grouting With Cement and Lime in Sandy Soil" "** in **"MANTECH Publications, Journal of Building and construction Engineering"**Volume-04 Issue-01, 2019
5. **"Study on the Engineering Properties of Black Cotton Soil with Addition of Different Chemicals**" in "**MANTECH Publications, Journal of Remote Sensing, Environmental Science and Geotechnical Engineering**"Volume-05 Issue-01, 2020.
6. **"Study The Changes In Bearing Capacity Of Soil By Addition Of Fly Ash & Copper Slag"** in **M/s Spectrum Publications, A Part of StudentsHelpline Publishing House (P) Ltd. , Hyderabad. (An ISO 9001 : 2015 Certified Company),** National Conference on Advances in Engineering and Technology-June 2020, **ISBN:** 978-93-82829-87-4.
7. **"A study on the properties of black cotton soil with adding different chemicals"** in **International Journal of Research in Engineering, IT and Social Science,** ISSN 2250-0588, Impact Factor: 6.565, Volume 09, Special Issue 1, May 2019, Page 212-216.
8. "**Experimental investigation on geopolymer-stabilized expansive soil**" in **Materials Today: Proceedings**, Accepted 22 August 2023, 2214-7853/Copyright © **2024 Elsevier Ltd**. https://doi.org/10.1016/j.matpr.2023.08.268
9. *"***An Application of Geopolymer stabilized expansive soil to reduce the rainfall-based erosion in slopes"** in **IOP Conf. Series: Earth and Environmental Science**, doi:10.1088/1755-1315/1280/1/012037, IP address: 157.48.78.39 on 18/12/2023 at 12:29.
10. "**Strength and Compressibility Characteristics of An Expansive Soil with addition of GGBS and Alkali Activated Slag"** in **International Journal for Research in Applied Science & Engineering Technology (IJRASET)**
    ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538, Volume 12 Issue IV Apr 2024, https://doi.org/10.22214/ijraset.2024.60888.
11. "**Model Studies on Settlement of an Expansive Soil Slope Stabilized with GGBS"** in **International Journal of Scientific Research in Science and Technology (IJSRST)** ISSN: 2395-6011; Volume 11 Issue 2 Apr 2024; ISSN: 2395-602X, https://doi.org/10.32628/IJSRST24112125.

Faculty Development Programs, Webinar, Conference and Paper Publications:

Workshop/ Webinar	Faculty Development Programme	Conference	IGS Membership	Paper publication
39	16	7	LM-5369	11

Blog: