

## FACULTY PROFILE



**Name:** MANISHA GUNTURI

**Designation:** Assistant Professor

**Teaching Areas:** Geotechnical Engineering, Building Materials, Concrete Technology, Surveying, Environmental Engineering, Strength of Materials, Transportation Engineering.

**Research Interests:** Ground Improvement Techniques, Soil structure and soil pollutant Interaction

**Education:**

- M.Tech, Geotechnical Engineering, SRM University, Chennai, 2014
- B.Tech, Civil Engineering, JNTU Kakinada, 2012

**Professional Experience :**

1. 2016- Till date: Faculty of Science & Technology, IFHE, Hyderabad.

**Research / Selected Publications:**

1. Manisha Gunturi, M.Srinivasa Reddy, "Micro Level Analysis of Stabilized Expansive Soil", International Journal of Engineering Research and Development, Vol 13, Issue 2, pp 09-14, 2017.
2. Manisha Gunturi, Dr. P.T.Ravichandran, Divya Krishnan K, "Micro level Analysis of RBI 81 Stabilized Expansive Soil", 3rd International Conference on Nanoscience and Nanotechnology, 2015.
3. Divya Krishnan K, V. Janani, Dr. P.T.Ravichandran, Manisha Gunturi, "Soil Stabilization with phosphogypsum and Fly Ash - A Microlevel study", 3rd International Conference on Nanoscience and Nanotechnology, 2015.
4. Divya Krishnan K, V. Janani, Dr. P.T.Ravichandran, Manisha Gunturi, "Effect of Phosphogypsum and flyash stabilization on the strength and microstructure of clay", International conference on sustainable technologies in Building & Environment, 2015.
5. Manisha Gunturi, Dr. P.T.Ravichandran, Divya Krishnan K, " Effect of RBI-81 on CBR and Swell behaviour of expansive soils", International Journal of Engineering Research, Vol 3, Issue 5, pp 336-339, 2014.
6. Manisha Gunturi, Dr. P.T.Ravichandran, Divya Krishnan K, " Study on the strength characteristics of soil using soil stabilise RBI-81", International Journal of Research in Engineering and Technology, Vol 3, Issue 4, pp 201-204, 2014.
7. Manisha Gunturi, Dr. P.T.Ravichandran, Divya Krishnan K, " Experimental study on strength properties of problematic soils with RBI-81 stabiliser", International Journal of Civil and Structural Engineering, Vol 4, Issue 3, pp 441-449, 2014.
8. Divya Krishnan K, V. Janani, Dr. P.T.Ravichandran, Manisha Gunturi, " Soil Stabilization using Phosphogypsum and Fly ash", International Journal of Engineering Trends and Technology, Vol 9, No. 14, pp 736-739, 2014.
9. Divya Krishnan K, V. Janani, Dr. P.T.Ravichandran, Manisha Gunturi, " Effect of Fly ash and Phosphogypsum on Properties of Expansive Soil", International Journal of Scientific Engineering & Technology, Vol 3, Issue 5, pp 592-596, 2014.