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. Harika Devi Kotha, Manisha Gunturi, Sirisha Potluri, “An IoT based solution for Health Monitoring Using A body worn sensor enabled device” Journal of Advanced Research in Dynamical & Control Systems, Vol 10, Issue 9, pp 646-651, 2018.
2. Manisha Gunturi, Harika Devi Kotha, M.Srinivasa Reddy, “ An overview of Internet of Things”, Journal of Advanced Research in Dynamical & Control Systems, Vol 10, Issue 9, pp 659-665, 2018.
3. Manisha Gunturi, M. Srinivasa Reddy, Nagamani Shankar K, “Architecture, Applications and Challenges of Internet of Things”, International Journal of Pure and Applied Mathematics” Vol 119, Issue 14, pp. 231-236, 2018.
4. 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.
5. Divya Krishnan K, V. Janani, Dr. P.T.Ravichnadran, Manisha Gunturi,"Effect of Phosphogypsum and flyash stabilization on the strength and microstructure of clay",International conference on sustainable technologies in Building & Environment, 2015.
6. 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.
7. 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.