Dr. ANJANA BHASI
MOBILE: 917353245331

E D U C A T I O N

Degree	*Institute*	*Topic*
PhD (Geotechnical Engineering)	Indian Institute of Technology Madras	Performance Evaluation Of Geosynthetic Reinforced Embankments Supported On Piles
M.S (Geotechnical Engineering)	Indian Institute of Technology Madras	Finite Element Analysis Of The Influence Of Jetting On Adjacent Piles

EXPERIENCE

Teaching: 3 Yr
Industry: *1 Yr 5 Months*

PUBLICATIONS

Published Journals

Year	Authors	Title	Journal
2015	Bhasi,A. and Rajagopal, K.	Numerical study of basal reinforced embankments supported on floating/end bearing piles considering pile–soil interaction	Geotextiles and Geomembranes, Special issue on Soft Ground Improvement using Geosynthetics Applications, 43 (6), 524–536.
2014	Anjana Bhasi and K. Rajagopal	Geosynthetic Reinforced Piled Embankments: Comparison of numerical and analytical methods	*ASCE International Journal of Geomechanics* , Volume 15, Issue 5, pp-04014074:1 - 12
2013	Anjana Bhasi and K. Rajagopal	Numerical investigation of the time dependent behaviour of geosynthetic reinforced piled embankments	*International Journal of Geotechnical Engineering* Volume 7, Issue 3, pp. 232-240
2013	Anjana Bhasi and K. Rajagopal	Study of the effect of pile type used for supporting basal reinforced embankments constructed on soft clay	*Indian Geotechnical Journal (Springer) 43(4)* ,344–353
2012	Anjana Bhasi and K. Rajagopal	A comparative study on the performance of piled embankments with and without the geosynthetic reinforcement	Indian Journal of Geosynthetics and Ground Improvement, Volume 1, Issue 2, pp: 3-8.
2010	Anjana Bhasi, K. Rajagopal and D. V.Reddy	Finite element study of the influence of pile jetting on load capacity of adjacent piles	*International Journal of Geotechnical Engineering* Vol. 4 Issue 3, pp: 361-370

International Conference

1. **Anjana Bhasi** and K. Rajagopal. Performance analysis of geosynthetic reinforced piled embankments. *3rd International conference on geotechnical engineering for disaster mitigation and rehabilitation,* Semarang, Indonesia, May 17-20, 2011.

2. **Anjana Bhasi** and K. Rajagopal. Finite element analysis of geosynthetic reinforced piled embankments. *SIMULIA Customer Conference,* Barcelona, Spain, May 18-20, 2011.

3. **Anjana Bhasi** and K. Rajagopal. Numerical Modeling and Analysis of Geosynthetic Reinforced Pile Supported Embankments. *5th International Conference on Engineering Mechanics, Structures and Engineering Geology*, Cambridge University, UK, February 25-27, 2012.

4. **Anjana Bhasi** and K. Rajagopal. Numerical analysis of embankments supported on geosynthetic basal layer and floating piles. *GeoAfrica 2013* Conference, Accra, Ghana 18 – 20 November 2013.

5. **Anjana Bhasi** and K. Rajagopal. Reinforced Piled Embankments for Sustainable Infrastructure Development. *International Conference on Sustainable Civil Infrastructure (ICSCI-2014), ASCE India Section*, IIT Hyderabad, *October 17-18, 2014.*

6. Rajagopal and **Anjana Bhasi**. FE Analysis of Embankments supported on Floating Piles and Basal Reinforcement. *10th International Conference on Geosynthetics*, Berlin, 21-25 September 2014.