




KSSEM
K. S. SCHOOL OF ENGINEERING & MANAGEMENT

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15, Mallasandra, Off.Kanakapura Road,Bengaluru-560109, Karnataka, INDIA.

Faculty Name	Dr AREKAL VIJAY	
Designation	Professor	
Educational Qualification	BE, MTech, PhD	
Experience in Years	Teaching: 13 yrs Industry : 13 yrs	
Areas of Interest	Foundation Engineering, Forensic Engineering and Risk Management	
E-mail	Arekal.vijay@kssem.edu.in	

Educational Details

Examination/ Degree	College / University	Year of Passing
UG	Mysore University	1990
PG	NITK Surathkal	1995
PhD	JNTUA	2018

Publications

Journal Publications:

1. Arekal Vijay, Vijayalakshmi Akella, B K Raghu Prasad (2020) “Experimental Studies and Numerical Validation on Bearing Capacity of Skirted Footings on $c-\Phi$ Soils”, “*Advances in Structures, Systems and Materials*. Springer, Singapore, ISBN 978-981-15-3254-2, pp 85-98.
2. Arekal Vijay, Vijayalakshmi Akella, P R Bhanu Murthy (2021) “Numerical Validation of Experimental Results for Bearing Capacity of Internal Inclined Skirted Footings on $c-\phi$ Soil” *Journal of Construction Management*, Vol. XXXVI, No II, ISSN 0970-3675, pp 5-12.

Conference Papers :

1. “Prediction of Shear Characteristics of Shedi Soil of Dakshina Kannada District” **Indian Geotechnical Conference 1995**, Bangalore, December 1995.
2. “Municipal Solid Waste Management in Bangalore – Existing Scenario and recommendation – A review”**International Conference on Solid Waste Management - 2012, Infosys campus, Mysore** July 30 – Aug 01, 2012.
3. “Experimental Studies on Bearing Capacity of Skirted Footings On C- Φ Soils” Proc. **Second International Conference on Recent Advances in Engineering Sciences**, M S Ramaiah Institute of Technology, **Bangalore**, 8-9 Sept **2016**, 5-9. (Published in International Journal of Research in Engineering and Technology)
4. “Experimental studies on effect of shape of footings on Bearing Capacity of Soils” **One day National Conference on Futuristic Technology in Civil Engineering for Sustainable Development at SJBIT– 9 May 2018**.

Other Accomplishment

- 1) Reviewer of International Journal
- 2) Resource persons for Faculty Development Programs

Research Guidance

1. Currently guiding two PhD scholars

Professional Membership

1. Life member, Indian Institute of Engineers (A513685/8)
2. Life member, Indian Geotechnical Society (LM-1564)
3. Life member, Indian Society for Technical Education (LM94770)

Contact Details

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