



**KSSEM**  
K. S. SCHOOL OF ENGINEERING & MANAGEMENT

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

<b>Faculty Name</b>	Dr AREKAL VIJAY	
<b>Designation</b>	Professor	
<b>Educational Qualification</b>	BE, MTech, PhD	
<b>Experience in Years</b>	Teaching: 13 yrs Industry : 13 yrs	
<b>Areas of Interest</b>	Foundation Engineering, Forensic Engineering and Risk Management	
<b>Aadhar Number</b>	604750880916	
<b>E-mail</b>	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- $\Phi$  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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