

Biodata

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Structural Engineering Department
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Education:

Course	University	Year of Passing
Ph.D.	Indian Institute of Technology Bombay, (IITB)Mumbai	October 2010
M.E. (Geotechnical Engineering, Part Time)	SPCE, Mumbai University	2001
B.E. Civil	Nagpur	1993

Research at Ph.D.: **Some studies on uplift capacity of pile anchors and horizontal plate anchors in cohesionless soil**

(Under the supervision of Dr. D.M. Dewaikar and Dr. Deepankar Choudhury)

Project report at M.E (Geotechnical Engg).: **Design of radial consolidation cell and evaluation of radial consolidation parameters**

Award

Received Leonard's award for best PhD thesis for year 2010-2012 given by Indian Geotechnical Society at IGC 2013, on 22nd December 2013 IIT Roorkee (ndi).

Experience:

Associate Professor frpm 11 years at VJTI, Mumbai

Administrative Duties Conducted in VJTI

- 1) Associate Dean from May 2015 to 2016 September.
- 2) Institute coordinator for M.Tech Admission for 2012-13.
- 3) Departmental exam co-ordinator, PhD admission (2014,2015)

4) Head Structural Engineering (September 2016 to Sept. 2018)

Research Interest

Geotechnical Engineering: Earth Pressure, Ground Improvement, Foundation Engineering, Machine Foundation

R & D Projects

1. TEQIP II R & D Projects 2014-15 of 3.5 lacks amount sanctioned for title ‘Up-gradation / Fabrication of Large Diameter Modified Row Cell to Study The Settlement and I-Dimensional/3-Dimensional Consolidation Characteristics of Soft Marine Clay Under the Effect of Vacuum as Well as Surcharge Load’. The project is executed with Research scholar Sandeep Bhosle.
2. TEQIP II R & D Projects 2014-15 of 2.0 lacks amount sanctioned for title ‘Enhancement of existing load capacity of buried pipe lines by the use of EPS Geofoam’. This project is executed with M. Tech student Mr. Kumare.

Member of Professional Bodies

Life Member of Indian Geotechnical Society (Mumbai Chapter)

Member of High Rise Committee for Mumbai (2016-2018)

Member of Mumbai Heritage Conservation Committee (2016-2018)

Senate Member (2010-2015) University of Mumbai

R & D Activities

Sr. No	Title of Research Project	Principal Investigator	Research Grant (RS)	Source of R & D
3.	Up gradation and introduction of large diameter modified row cell to study the settlement and 1D/3D consolidation characteristics of soft marine clay under vacuum as well as surcharged load	Dr. V. B. Deshmukh	3,50,000	TEQIP II
4.	Enhancement of existing load bearing capacity of buried pipe lines by the use of EPS geo foam	Dr. V. B. Deshmukh	2,00,000	TEQIP II

Publication

Total 9 Papers published in referred journal

Dr. V.B. Deshmukh