

Name Mrs. Kshitija Nadgouda
Date of Birth 8th March 1976
Designation Lecturer - Civil Engineering Dept,
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Qualifications B.E., M.S.
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University/College:

University/College	Degree	Year	Field of Specialisation
Mumbai University	B.E.	1997	Civil Engineering
Lehigh University, Pennsylvania, USA	M.S.	2000	Civil Engineering
Engineer in Training Certification, California, USA	EIT	2003	Civil Engineering

Employment Record (starting from present position):

Company/College	Designation	Year of induction
Langan Engineering and Environmental Services, Inc. New Jersey, USA	Staff Engineer	September 1999
ENGEO Incorporated, California, USA	Staff Engineer	July 2001
Self Employed, Mumbai, India	Consulting Engineer	November 2005
Sardar Patel College of Engineering, Mumbai, India	Lecturer on ad-hoc basis	July 2006
Sardar Patel College of Engineering, Mumbai, India	Lecturer on permanent basis	September 2009

Research/Consultancy/Administrative work:

1. **Research Area:** Geotechnical Engineering

- Worked as a Research Assistant at Lehigh University.
- Automated the equipment for Triaxial Testing of soils using software LabVIEW.
- Automated the equipment for direct Shear Testing of soils.
- Worked on the design of an on-line laboratory manual for introduction to soil mechanics.

2. Industry Experience:

- Performed site supervision for various sites across the east coast and in California, USA.
- Inspected sites for SPT drilling, dynamic compaction, monitoring vibrations, inspection of shallow foundation subgrade, provided inspection services for pier hole drilling for foundations, installed and monitored data loggers for measuring ground water level.
- Analyzed bearing capacity and performed settlement calculations, used various software programs to design and analyze reinforced earth walls and determine stability of un-reinforced slopes, involved in hydrology studies, creek restoration projects.
- Compiled geotechnical reports summarizing various aspects of geotechnical investigations and providing recommendations for site grading, foundation type and design specifications. Used AutoCAD and other software to present data. Reviewed foundation plans and grading plans to determine compliance with recommendations provided in geotechnical report.

3. Membership

- Indian Geotechnical Society, Mumbai Chapter - Treasurer
- Indian Geotechnical Conference – 2010 - Member of various Committees
- Fritz Engineering Research Society (FERS) - Member

4. Additional Courses/Certification

- Attended a course on “Finite Elements in Geotechnical Engineering” focusing on slope stability in July 2002.
- Attended a 40-hour course on HAZWOPER (HAZardous Waste OPERATION and Emergency Response) conducted by Compliance Solutions Occupational trainers, Inc. (OSHA Requirement) held in October 1999.
- Certified for operating a Nuclear Density Gauge
- Received extensive in-house training at Langan and ENGEON on various aspects of civil engineering.
- Graduated from Nazareth Academy for public speaking in 1992.

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