

## **Prachi Dixit**

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### **Education**

1. M.Sc. Computational Science and Engineering (CSE), Interdisciplinary Masters Program, Technical University of Munich (TUM), Munich, Germany, 2003
2. M.S. Civil (Structures), University of Illinois (UIC), Chicago, USA, 1999
3. B.E. Civil (Structures), Sardar Patel College of Engineering (SPCE), 1995

### **Work Experience**

1. Visiting Professor, MBA (Real Estate Management) Trimester 2 and 3  
NMIMS's School of Business Management (SBM), Mumbai 2025
  - 'Quantity Surveying and Estimation' and 'Construction Materials'
2. Assistant Professor, Civil Engineering, L S Raheja School of Architecture (LSRSA), Mumbai 2025
  - 'Theory of Structures' Year 1 to 5
3. Visiting Professor, Civil Engineering, Balwant Seth School of Architecture (BSSA), NMIMS, Mumbai 2025
  - 'Structures' for semester 2,4 and 6'
4. Assistant Professor, Civil Engineering, NMIMS's Mukesh Patel School of Technology, Management and Engineering (MPSTME), Mumbai 2023
  - 'Strength of Materials', 'Engineering Mechanics and Dynamics', 'Concrete Technology', 'Structural Analysis', 'Limit State Design of Reinforced Concrete Structures', 'Advanced Design of Concrete Structures', 'Environmental Science'
5. Assistant Professor, Civil Engineering, Sardar Patel College of Engineering (SPCE), Andheri, Mumbai 2015
  - 'Strength of Materials', 'Engineering Mechanics', 'Concrete Technology'
6. Civil Engineer, VakilMehtaSheth (VMS) Consultants Pvt Ltd, Mumbai, 2014
  - Designed concrete structures for residential and commercial projects using ETABS, STAAD pro, RCDC, SAFE
7. Civil Engineer, World Bank project, Government of Maharashtra, Mumbai 2011
  - Supervised the engineering aspect of the National Cyclone Risk Mitigation Project.
8. Sr. Software Engineer, Geometric Ltd. (Godrej Group) Mumbai, 2009
  - C++ programming for CAD software applications.
9. Civil Engineer, International Code Council (ICC), Chicago, USA, 2000
  - Structural analysis of building components based on American codes Civil Engineer,
10. Aker Powergas Pvt. Ltd., Mumbai, India, 1996
  - Designed steel and concrete structures for chemical plants

### **Internships and Research experience**

1. Bayerische Motoren Werke AG, BMW, Munich, Germany
2. Deutsches Zentrum für Luft- und Raumfahrt, DLR, The German Aerospace Center, Munich, Germany
3. Research Assistant (Structural), Bridge Research Center, UIC, Chicago, USA
4. Research Assistant, Computer Science Department, TUM, Germany

## **Publication**

'A probabilistic analysis of the temperature dependent mode frequencies of a prestressed concrete bridge using the bootstrap', P. Dixit, G. Lloyd, M. Wang, and V. Singh, 8th ASCE Specialty Conference on Probabilistic Mechanics and Structural Reliability, USA, July 2000

## **Trainings and Achievements**

1. STAAD.Pro training at 'Stadd Engineers Mumbai' - authorized partner and trainer of Bentley, USA
2. Project Management Professional, PMP, USA
3. Engineer-In-Training, EIT (Civil) Permit holder of California, USA

## **Professional Development Activities**

1. Seminar on Advances in Civil Engineering December 22, 2015 by Department of Civil Engineering, MPSTME
2. FDP Innovations Towards Learner Centric Pedagogy 2nd to 4th May, 2016, at MPSTME
3. FDP Latest trends in environmental engineering and water resources technologies, MPSTME, Mumbai December 23, 2016
4. FDP Special topics in engineering mechanics, MPSTME, Mumbai December 21-22, 2016
5. FDP Efficient use of excel for academicians and administrators, MPSTME, Mumbai January 11-12, 2017
6. FDP Special topics in engineering mechanics-I, MPSTME, Mumbai July 10-12, 2017
7. FDP Special topics of structural analysis, MPSTME, Mumbai July 13-15, 2017
8. Recent developments in geotechnical engineering and engineering geology, MPSTME, Mumbai December 13-15, 2017
9. Special workshop on Wind Engineering ,MPSTME, Mumbai December 18-20, 2017
10. FDP Contemporary Practices in Construction Management, MPSTME, Mumbai July 11-13, 2018

## **Contributions in academic administration at MPSTME**

1. Academic in-Charge for B. Tech integrated program
2. Admission counsellor
3. Accreditation committee member
4. Examination invigilator
5. Student mentor
6. Final year project coordinator for B. Tech integrated program
7. Capstone project in-charge for B. Tech integrated program
8. Lab in-charge