

<b>Name of Faculty</b>	MithileshDharmadatta Pandya
<b>Designation</b>	Assistant Professor
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<b>Contact number</b>	0265-2303958
<b>Total Experience</b>	
<b>Teaching</b>	06 years 08 months
<b>Industry</b>	02 years 06 months
<b>Professional Summary</b>	Working as Assistant Professor in Civil Engineering Department since June 2015. Worked as site engineer as well as quality assurance officer in construction projects. Worked as Departmental Coordinator for GTU Techfest (Aahvan 2019). Also involved as Event Coordinator of Breakup Bridge event for Aavahan 2018. Performing duties as IDP/UDP Project Guide and Departmental Coordinator for “100 Activity Point”. Worked as Coordinator of G.T.U. Innovation Council.
<b>Current Activities</b>	Assistant Professor in Civil Engineering Department. IDP/UDP Project Guide, Departmental Coordinator for “100 Activity Point”.
<b>Specialization Areas</b>	Structural Engineering, Earthquake Engineering, Concrete Technology
<b>Subject Taught (UG/PG)</b>	Design of Reinforced Concrete Structures Earthquake Engineering Structural Analysis Mechanics of Solid Repair & Rehabilitation of Concrete Structure Applied Fluid Mechanics Fluid Mechanics Elements of Civil Engineering Environmental Studies
<b>Qualifications</b>	<b>M.E (Civil - Computer Aided Structural Analysis and Design)</b> (2013) L.D. College of Engineering, Ahmedabad, Gujarat University.  <b>B.E. (Civil Engineering )</b> (2008) Sardar Vallabhbhai Patel Institute of Technology, Vasad, Gujarat University.
<b>Skills</b>	Experienced in execution of civil engineering projects. Possess knowledge regarding technical solutions for Civil and Structural Engineering related problems.
<b>Achievements</b>	Acquired certain skill in Structure Analysis software - Staad Pro V8i and MATLAB. <ul style="list-style-type: none"> <li>• Secured 1st position in model presentation in CONTECH'05 at Nirma University.</li> <li>• Secured 2nd position in model presentation in CONTECH'06 &amp; CONTECH'07 at Nirma University.</li> <li>• Secured 2nd position in model presentation in PRAKARSH'07 at SVIT, VASAD.</li> </ul>
<b>Research Project</b>	<b>B.E.Final year Project Guide</b> <ul style="list-style-type: none"> <li>• Ready mix concrete and scope of no-fines concrete (2013-14)</li> <li>• Elimination of Railway Crossing – Case study at Bodeli crossing (2013-14)</li> <li>• Prediction of strength of Recycle Coarse Aggregate using Artificial Neural Network. (2013-14)</li> <li>• Investigating effect of Black Pulp Liquor on the Properties of Concrete (2014-15)</li> <li>• Case study on Repair and Rehabilitation of structure located at Vadodara (2015-16)</li> <li>• Image processing technique for crack detection on concrete beam using MATLAB (2018-19)</li> </ul>
<b>Publications</b>	<ul style="list-style-type: none"> <li>• “State of art paper: investigation of workability of cement paste, cement mortar and Concrete by various methods”. International Journal of Advanced Engineering Research and Studies, E-ISSN2249–8974, December 2012.</li> </ul>

- “Correlating workability of superplasticised paste, mortar and concrete-present scenario”in UKIERI Concrete Congress, March 2013.
- “Investigating effect of Black Pulp Liquor on the Properties of Concrete” National Conference on Recent Research in Engineering and Technology. International Journal of Advance Engineering and Research Development (IJARED)E-ISSN: 2348 - 4470, PRINT-ISSN: 2348-6406, March 2015.

#### **Activities and honours**

- GTU Faculty Coordinator for Seven days (7 Days) Industrial training at L&T Power training Institute, L&T Knowledge City, Vadodara.(2018)
- Event Coordinator of “Breakup Bridge”for GTU Tech Fest “Aavahan 2018”,
- Departmental Coordinator for Aahvan 2019, GTU Zonal Techfest 2019.
- Served as Presiding Officer/Dy. Presiding officer at GATE-2014 and GATE-2016 online center at HJD Institute, Kera (Bhuj)- Kutch
- Attended Seminar on 'The Idea of our Universities' organized by GTU Innovation Council, March 2016.
- Participated in event“Earthquake Simulation and Response Evaluation of Structure” at L.D. College of Engineering, Ahmedabad.

#### **Grant Received**

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