

## Prof. A M Parghi

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### Education:

- Diploma in Civil Engineering in 2000 from TEB, Gandhinagar., Gujarat, India.
- B. E. (CIVIL) in 2004 from Saurashtra University., Gujarat, India.
- M. TECH. (CIVIL) specialization in Structure in 2006 from S. G. U., Gujarat, India.

### Professional Interests:

Prof. Anant M. Parghi field of Specialization is Performance-Based Seismic Design, Finite Element Analysis, Strengthening and repair of Structures using Retrofit Techniques (i.e. FRP etc), Building Seismic Design & Evaluation of Structures, Design & Strengthening of Building, Testing and Supervision of Concrete Structures, High Performance Concrete Mixes, Confined Masonry Buildings, Evaluation and Strengthening of Structures.

### Representative Publications:

#### ➤ Journal & International Conference

Sr. No.	Title of Paper	Name of Journal	Page No. / Volume / Issue Year
1.	Deformability and Ductility in Over Reinforced Self compacting Concrete Structures	Proceeding of the National Conference, NIT, Warangal.	December 2007
2.	Finite Element Analysis of RC Columns Confined with FRP Sheets	Proceeding of the National Conference	May 2008
3.	Pile Subjected to Negative Skin Friction and Vertical Load	National Symposium CONTECH '07 held at Nirma University, Ahmedabad	September 28-29, 2007
4.	"Effect of Ductility and Deformation Behavior of Self Compaction Concrete Structures	the 33rd Conference on Our World in Concrete & Structures at Singapore	August 2008

5.	Micro Mechanical Crack and Deformations Study of SFRC Deep Beams	The 33rd Conference on Our World in Concrete & Structures at Singapore	August 2008
6.	Physio Mechanical Behavior of Reactive Powder Concrete Under Aggressive Environment of Contaminated Soil	The 33rd Conference on Our World In Concrete & Structures at Singapore	August 2008
7.	A State of The Art: Repair of Reinforced Concrete Members	The 4th International Conference & Exhibition on Innovative World of Concrete 2008 at New Delhi	December 2008
8.	Effect of Ductility and Deformation Behavior on Structural Members	The 4th International Conference & Exhibition on Innovative World of Concrete 2008 New Delhi	December 2008
9.	Mechanical Properties of Normal to High Strength Steel Fiber-Reinforced Concrete	The 4th International Conference & Exhibition on Innovative World of Concrete 2008 New Delhi	December 2008
10.	An Experimental Study on Effect of Steel Fiber Reinforced Concrete on the Behavior of Exterior Beam-Column Junctions Subjected To Cyclic Loading	The 3rd International Conference on Concrete Repair, Venice/Padua, Italy	July 2009.
11.	Strengthening and Repair of Reinforced Concrete Structures Using Composite Material	The 3rd International Conference on Concrete Repair, Venice/Padua, Italy	July 2009