

## 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                    |

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|-----|--|---|---------------|
| 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     |