

Prof. D B Raijiwala

Assistant Professor
Applied Mechanics Department
S V National Institute of Technology,
Surat

Phone No. (O) +91-261-2201637
(M)+91-9825340706

E-mail: draiijwala@yahoo.com
dbr@amd.svnit.ac.in



Education:

- B. E. (CIVIL) in 1974 from S. G. U., Gujarat, India
- M. E. (CIVIL) specialization in Structure in 1978 from S. G. U., Gujarat, India

Professional Interests:

Prof Darshak B. Raijiwala field of Specialization is Concrete Technology and Prestressed Concrete, Rehabilitation & Repair of Structures and Structural Design of RCC Structures.

Representative Publications:



Journal & International Conference

Sr. No.	Title of Paper	Name of Journal	Page No. / Volume / Issue Year
1.	Geopolymer Concrete - A Concrete to be Known More	International Journal of Applied Engineering research (IJAER)	Dec-2008 Vol-3, No.12
2.	Bacterial Concrete – A Self Healing Concrete	International Journal of Applied Engineering research (IJAER)	Dec-2008 Vol-3, No.12
3.	Bacterial Concrete – A self Healing Concrete	ICFAI University Journal Of Structural Engineering.	Oct-2008 Vol-1, No. 02
4.	RCC Folded Plate Structures – Analysis with Computer Programming	International Conference on Mechanics of Solids and Material Engineering, (MSME – 95), Nan yang Technical University, Singapore	5 – 7 June 1995
5.	Design of Spherical and Conoidal Shells – A Newer Computer Aided Technique	International Symposium for Shells & Spatial Structures – 1997, Singapore	10 – 14 November 1997

6.	Prestressed Concrete Slabs and Grid Floors – A CAD Approach	7th International Conference in Civil Engineering, Seoul – KOREA	19 – 21 August, 1997
7.	Design of Folded Plates – A CAD Approach	International Symposium for Shells and Spatial Structures – 1997, Singapore	10 – 14 November, 1997
8.	Design of Balanced Cantilever Bridges in 21st Century	Fourth Asia – Pacific Conference on Computational Mechanics – Singapore	15 – 17 December, 1999
9.	Geopolymer Concrete – New Generation Concrete	Fourth International conference, Indian Concrete Institute, Innovative world of Concrete-08(ICI-IWC08), New Delhi	10-14 December, 2008
10.	Bacterial Concrete – A Self Healing Concrete	Fourth International conference, Indian Concrete Institute, Innovative world of Concrete-08(ICI-IWC08), New Delhi	10-14 December, 2008
11.	Bacterial Concrete – A Concrete for Old and Heritage Structure	International Conference on Concrete Repairs, Venice/Pauda, Italy	29 June-2 July, 2009
12.	The Comparative Study on Effect on Alkaline Solution in Geopolymer Concrete	First International Conference in Advances in Concrete, Structural and Geotechnical Engineering (ACSGE-09) BITS-Pilani, Rajasthan	25-27 October, 2009
13.	Self Compacting Concrete by Using Ternary Blends.	First International Conference in Advances in Concrete, Structural and Geotechnical Engineering (ACSGE-09) BITS- Pilani, Rajasthan	25-27 October, 2009
14.	Geopolymer Concrete-A new Generation Concrete Bacterial Concrete – A Self Healing Concrete	First National Conference on Sustainable Concrete Infrastructure Development (SCID-2009) at MNIT-Jaipur	19-20 May, 2009