

Dr. G. R. Veshmawala

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Education:

- B. E. (CIVIL) in 1994 from SVRCET S. G. U., Gujarat, India
- M. E. (CIVIL) specialization in Structure in 1998 from S. G. U., Gujarat, India
- Ph.D. (CIVIL) specialization in Structure in 2010 from SVNIT, Surat

Professional Interests:

Prof. G. R. Veshmawala interest lies in the field of Wind Engineering, Earthquake Engineering, Optimum Design of Space Structures and Neural Network Applications in Structural Engineering.

Representative Publications:

➤ Journal & International Conference

Sr. No.	Title of Paper	Name of Journal	Page No. / Volume / Issue Year
1.	Artificial Neural Networks in Preliminary Design of Space Structures.	International Conference on Recent Developments in Structural Engineering (RDSE-2007), Manipal, Karnataka.	Aug 30 to Sep 1 2007
2.	Preliminary Quantity Estimate of Domes Using Neural Networks	National Conferences on Advances of Steel Structures (AISS' 07), Surat, Gujarat.	June 8 to 9 2007
3.	Optimum Shape Design of Space Structures Using Artificial Neural Networks	National Conference on state-of-art about recent theories, techniques and designs in structural engineering (RTTDSE' 07), Erode, Tamil Nadu.	27-28 April 2007

4.	Neural Networks for Predicting displacements and the Minimum Weight Design of Schwedler Domes	Structural Engineering World Congress'2007(SEWC-2007), Bangalore, Karnataka.	2-7 November 2007
5.	Parametric Study of Lamella Domes for Optimum Shape Design	Structural Engineering World Congress'2007(SEWC-2007), Bangalore, Karnataka.	2-7 November 2007
6.	A Comparison Between "IS Code" Value and CFD Models for Predicting Coefficient of Pressure on Spherical Surface	Fourth National Conference on Wind Engineering (NCWE'07) SERC, Chennai.	30,31 Oct - 01 Nov 2007
7.	Wind pressure Coefficients Prediction on Different Span/Height ratio Domes using Artificial Neural Networks	Asian Journal of Civil Engineering	April-2009 Vol-10, No. 2