

- [8] BarbarosAtmaca, MuhammetYurdakul, SevketAtes, “**Nonlinear dynamic analysis of base isolated cable-stayed bridge under earthquake excitations**”, Soil DynamicsandEarthquakeEngineering66(2014), page 314–318.
- [9] McClure G, Lin N, “**Transient response of guyed telecommunication towers subjected to cable ice-shedding**”, Proceedings of the IASS-ASCE international symposium (1994), page 801–809.
- [10] Xu X, He Z, Zhi-cheng Z, “**Nonlinear dynamic response of stay cables under axial harmonic excitation**”, Journal of ZhejiangUniversity 9 (2008), page 1193–1200.
- [11] Bao W. L, Zhang Y, “**Non-linear analysis and design of a guyed mast: comparison of two design proposals**”, Proceedings of the International Conference on Structures and Building Materials (2011), page 165-168.
- [12] Marcel I, Jose G, Pedro C, “**Structural Analysis of Guyed Steel Telecommunication Towers for Radio Antennas**”, Journal of the Brazil Society of Mechanical Science & Engineering 16 (2007), page 185.
- [13] Ma Xing, “**Research on vibration theory and effect coefficient of guyed mast under wind load**”, Doctoral Dissertation (1999), Tongji University, Shanghai.
- [14] Peil U, Nolle H (1992), “**Guyed masts under wind load**”, Journal of Wind Engineering and Aerodynamics 41 (1992), page 2129–2140.
- [15] Harikrishna P, Shanmugasundaram J, Gomathinayagam S, Lakshmanan N, “**Analytical and experimental studies on the gust response of a 52 m tall steel lattice tower under wind loading**”, Computational Structures 70 (1999), page 149–160.
- [16] Davenport AG, Spalding BF (1992), “**Dynamic gust response factors for guyed tower**”, Journal of Wind Engineering and Aerodynamics 43 (1992), page 2237–2248.

Author Profile



Adlin Nelofer J, pursuing Post Graduate in Structural Engineering, Department of Civil Engineering, Mepco Schlenk Engineering College, Sivakasi. Her area of interest incorporates Seismic Analysis of Structures and Design of Steel Structures. She has presented 2 International and 1 National conference.



MR. N. Saravana Kumar, an Assistant Professor, Department of Civil Engineering, Mepco Schlenk Engineering College, Sivakasi. His area of specialization encrusts Design of RC Structures, Structural Analysis and Design. He has published 4 papers in International Journal and partook 12 International and 21 National Conferences. He has organized an International, 4 National and 14 State level courses and participated in 5 National and 8 State level courses.