

APPENDIX

LIST OF PAPERS PUBLISHED

1. Gajjar R.K. and Patodi S.C., "Automated Aseismic Design of Building Frames as per IS: 1893-2002", National Workshop on Advances in Materials and Mechanics of Concrete Structures, IIT-Chennai, pp. 133-137, July 2-3, 2004.
2. Gajjar R.K. and Patodi S.C., "Automated Dynamic Analysis of Building Frames as per IS: 1893-2002", Proceedings of 49th Congress of Indian Society for Theoretical and Applied Mechanics, An International Meet, NIT-Rourkela, pp. 50-56, Dec.9-12, 2004.
3. Gajjar R.K. and Patodi S.C., "Virtual Reality Applications in Structural Engineering", International Conference on World of Innovations in Structural Engineering, WISE 2004, Hyderabad, Dec. 1-3, 2005.
4. Gajjar R.K., Purani V.S. and Patodi S.C., "Seismic Assessment and Retrofit of Columns in Buildings", Proceedings of Structural Engineering Convention, An International Meet, IISc Bangalore, pp. 421-427, Dec. 14-16, 2005.
5. Gajjar R.K. and Patodi S.C., "Pushover Analysis and Virtual Reality in Buildings Subjected to Seismic Forces", Proceedings of the Tenth East Asia Pacific Conference on Structural Engineering and Construction, EASEC-10, Bangkok, pp. 205-210, Aug.3-5, 2006.
6. Gajjar R.K. and Patodi S.C., "Automated Dynamic Analysis for Winds Forces on Buildings", Proceedings of the National Conference on High Rise Buildings, IIT-Roorkee, pp. 387-396, Oct.30-31, 2006.
7. Gajjar R.K. and Patodi S.C., "Disaster Mitigation- Structural and Non-Structural Aspects of Flood Management", National Conference on Current Trends in Technology, NUCONE-2006, Nirma University, Nov.30-Dec.2, 2006.
8. Gajjar R.K. and Patodi S.C., "Damage of RCC Columns through Virtual Reality", 2nd International Congress on Computational Mechanics and Simulation (ICCMS06), IIT-Guwahati, Dec. 8-10, 2006.

9. Gajjar R.K. and Patodi S.C., "Damage Analysis of RCC Buildings under Seismic Forces through Virtual Reality", Journal of New Building Materials and Construction World, Vol. 2006
10. Gajjar R.K. and Patodi S.C., "Virtual Reality Aspects of Disasters", Structural Engineer's World Congress, 3rd International Congress, Bangalore, Nov.2-7, 2007. (Paper Accepted)
11. Gajjar R.K. and Patodi S.C., "Performance Based Structural Aspects for Fire Safety Design", National Conference on Current Trends in Technology, NUCONE-2007, Nirma University, Nov 28-30, 2007. (Paper Accepted)
12. Vaishnav D.R. and Gajjar R.K., " Computational Approach for Seismic Evaluation of Existing Buildings Using Demand Capacity Ratio Method", National Conference on Current Trends in Technology, NUCONE-2007, Nirma University, Nov 28-30, 2007. (Paper Accepted)