

APPENDIX – A

LIST OF RESEARCH PAPERS PUBLISHED

1. Agrawal A. K., Patodi S. C., Patel P. V. and Bhatt H. S., "Web based Meta-computing using DEDIP : Application Development Perspectives", 26th Annual Convention and Exhibition of IEEE India council, organised by IEEE Bombay Section, Dec. 15-17, 2000.
2. Patel P. V., Patodi S. C. and Bhatt H. S., "Application of Distributed Processing in Structural Analysis", National Symposium on Impact of Computers and IT on Civil and Structural Engineering at Karunya Institute of Technology, Coimbatore, pp. 120 - 129, Aug. 24-25. 2001.
3. Patodi S. C., Patel P. V. and Bhatt H. S., "Distributed Finite Element Analysis using WebDedip Environment", Structural Engineering Convention SEC-2001, An International Meet, Indian Institute of Technology, Roorkee, pp 628-635, Oct. 29-31, 2001.
4. Patel P. V., Purani V. S. and Patodi S. C., "Distributed Training of Neural Network for Design of Column", National Seminar of Emerging Trends in Soft Computing based Artificial Intelligence at M. B. M. Engineering College, Jodhpur, Feb. 27 – 29, 2004.
5. Patel P. V. and Patodi S. C., "Application of Substructure Technique in Dynamic Analysis of Plane Frames", National Conference on Structural Engineering and Mechanics (SEM-04), Birla Institute of Technology and Science, Pilani, pp. 239-244, Sept. 24-25, 2004.
6. Patel P. V. and Patodi S. C., "Use of Internet Technology in Structural Engineering Computing", International Conference on World of Innovation in Structural Engineering (WISE 2004), Hyderabad, pp. 47 – 54, Dec. 1-3, 2004.

7. Patel P. V. and Patodi S. C., "Application of Distributed Processing in Dynamic Analysis of Plane Frames", International Congress on Computational Mechanics and Simulation (ICCMS-04), Indian Institute of Technology, Kanpur, pp. 372 – 379, Dec. 9-12, 2004.
8. Patel P. V. and Patodi S. C., "LAN Based Distributed Computing in Finite Element Analysis", 49th Congress of Indian Society of Theoretical and Applied Mechanics, NIT Rourkela, Dec. 27-30, 2004.
9. Patel P. V., Saxena V. P. and Patodi S. C., "Substructure based Distributed Finite Element Analysis of Plates", International Conference on Recent Advances in Concrete and Construction Technology, SRM Engineering College, Chennai, Dec. 7-9, 2005, (Accepted).
10. Patel P. V. and Patodi S. C., "Distributed Geometric Nonlinear Finite Element Analysis of Plates", Structural Engineering Convention – An International meet, Indian Institute of Science, Bangalore, Dec. 14-16, 2005, (Accepted).
11. Patel P. V. and Patodi S. C., "Personal Computers Based Distributed Genetic Algorithm for Optimization Problems", Journal of Computer Society of India (Under Communication).
12. Patel P. V. and Patodi S. C., "Distributed Finite Element Analysis of Laminated Composites", Journal of IE(I) – Civil Engineering (Under Communication).