

REFERENCES

1. European Committee for Standardization, Eurocode 4 (2004): *Design of composite steel and concrete structures - Part 1-1: General rules and rules for buildings*, BS EN 1994-1-1:2004, rue de Stassart, 36 B-1050 Brussels, pp 63-72
2. British Standard Institution, BS5400 5 (1979), *Steel, concrete and composite bridges- Part 5: Code of practice for design of composite bridges*, 389, Chiswick High Road, London, pp 28-31
3. Gopal L. R, *Different Strengthening Techniques for RC Columns*, R & M International Pvt Ltd, Retrieved from <http://www.rminternational.co.in/pdf-folder/Different-Strengthening-Techniques-for-RC-Columns-Masterbuilder.pdf>
4. Breins, *Retrofitting of reinforced concrete frame structures*, Building Research Institute (Pvt) Ltd, Retrieved from <http://www.buildingresearch.com.np/services/sr/sr3.php>
5. Vandoros. K. G, Dritsos. S.E., (2008), *Concrete jacket construction detail effectiveness when strengthening RC columns*, Construction and Building Materials, Vol. 22, pp 264 -276
6. Yu-Fei W., Michael C. G, Deric J. O., (2004), *Numerical simulation of steel plated RC columns*, Computers and Structures, Vol. 82, pp 359–371
 University of Moratuwa, Sri Lanka.
Electronic Theses & Dissertations
www.lib.mrt.ac.lk
7. Uy B., (2002 February), *Strength of reinforced concrete columns bonded with external steel plates*, Magazine of Concrete Research, Vol. 54(1), pp 61–76.
8. Nabil R. Q., Mohammed E.A., Hazem B. A., *Strengthening of an existing reinforced concrete structure*, Civil and Environmental Department, College of Engineering, United Arab Emirates University, Retrieved from: <http://www.engg.uaeu.ac.ae.com>
9. Gopal R., Yogesh I., *Fiber reinforced polymer composites, a novel way for strengthening structures*, Presented at National Conference on Repair and Rehabilitation of Concrete Structures, Retrieved from: <http://www.rminternational.co.in/pdf-folder/Fiber-Reinforced-Polymer-Composites-A-novel-way-for-strengthening-structures.pdf>
10. Giménez E., Adam J.M., Ivorra S., Calderón P.A., (2009), *Influence of strips configuration on the behaviour of axially loaded RC columns strengthened by steel angles and strips*, Materials and Design, Vol. 30, pp 4103–4111

11. Calderón P.A., Adam J.M., Ivorra S., Pallarés F.J., Giménez E., (2009) *Design strength of axially loaded RC columns strengthened by steel caging*, Materials and Design, Vol. 30, pp 4069 – 4080.
12. Adam J.M., Ivorra S, Pallarés F.J., Giménez E, Calderón P.A., (2009) *Axially loaded RC columns strengthened by steel caging, finite element modelling*, Construction and Building Materials, Vol. 23, pp 2265–2276
13. Adam J.M., Ivorra S, Pallarés F.J., Giménez E, Calderón P.A., (2009 June) *Axially loaded RC columns strengthened by steel caging*, Proceedings of the Institution of Civil Engineers, Structures and Buildings 162, Issue SB3, pp 199–208
14. Kumararajan A., (2012) *Strengthening Reinforced Concrete Columns Using External Steel Cages*, City and Guilds Graduate Diploma Research Report
15. http://www.google.lk/imgres?client=opera&sa=X&channel=suggest&tbo=is&ch&tbnid=iDigit_ShZ4G6rM%3A&imgrefurl=http%3A%2F%2Fwww.famergroup.com%2Fen%2Fearthquake.html&docid=VJw3QPRq77F5BM&imgurl=http%3A%2F%2Fwww.famergroup.com%2Fpageimgs%2Fbuyukimsg%2F8.jpg&w=600&h=371&ei=2C0HU_GJPIPJ0QGji4HIDg&zoom=1&ved=0CF0QhBwwBA&iact=rc&dur=1568&page=1&start=0&ndsp=14
16. http://www.google.lk/imgres?client=opera&sa=X&channel=suggest&tbo=is&ch&tbnid=rZV3W7WB-ceXiM%3A&imgrefurl=http%3A%2F%2Ftheconstructor.org%2Fstructural-eng%2Fstrengthening-of-r-c-columns%2F1935%2F&docid=-wcXKV-3195IRM&imgurl=http%3A%2F%2Fstatic4.theconstructor.org%2Fwp-content%2Fuploads%2F2010%2F03%2Fclip_image00411.jpg&w=483&h=482&ei=2C0HU_GJPIPJ0QGji4HIDg&zoom=1&ved=0CFoQhBwwAw&iact=rc&dur=715&page=1&start=0&ndsp=14
17. http://www.google.lk/imgres?client=opera&sa=X&channel=suggest&tbo=is&ch&tbnid=CT6e0nusWZ-03M%3A&imgrefurl=http%3A%2F%2Fwww.edac.biz%2Findex.php%3Fid%3D74%26l%3D1&docid=6mHc_vfWvvBuM&imgurl=http%3A%2F%2Fwww.edac.biz%2Ftypo3temp%2Fpics%2Fe51d732f91.jpg&w=217&h=322&ei=2C0HU_GJPIPJ0QGji4HIDg&zoom=1&ved=0CIQBEIQcMBE&iact=rc&dur=1716&page=2&start=14&ndsp=21
18. <http://www.gavicwaterproofingg.com/download/concrete-strenthening-1.pdf?inline>

19. A.M Neville, (1975), *Properties of Concrete*, (3rd Edition), Addison Wesley Longman Ltd, England. Table 8.2: Strength of Cubes and Cylinders pp. 544



University of Moratuwa, Sri Lanka.
Electronic Theses & Dissertations
www.lib.mrt.ac.lk