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International Journal

- Effect of Silica fume on the strength properties of High Performance Concrete, Journal of Civil and Structures, Vol.3, No.1, pp.33-41, 2010.
- 2. Experimental Investigation on behavior of High Performance Reinforced Concrete Columns, Journal of Civil and Structures, Vol.3, No.1, pp.7-16, 2010.
- 3. Prevention of pollution by using silica fume as cementitious material, International Journal of Nature Environment Pollution Technology, Vol.7, No.2, pp.267-270,2008.
- 4. Reducing Pollution by using fly ash in Concrete works, International Journal of Ecotoxicology and Environmental Monitoring, Vol.21,No.2, pp.151-156, 2011.
- 5. Strength and Durability characteristics of High Performance Concrete, International Journal of Earth Sciences and Engineering, Vol.3, No.3, pp.416-433, 2010.
- Experimental Investigation on behavior of High Performance Reinforced Concrete columns with silica fume and fly ash as admixtures, Asian Journal Civil Engineering (Building and Housing), Vol.12, No.5, pp.597-618, 2011.
- Experimental Investigation on behavior of High Performance Reinforced Concrete columns with Metakaolin and fly ash as admixtures, International Journal of Advanced Engineering Technology, Vol.2, No.1, pp.190-202, 2011.
- 8. Prevention of greenhouse gas emission by using fly ash as cementitious material, International Journal of Ecotoxicology and Environmental Monitoring, Vol.5, No.3, pp.258-265,2010.
- Prediction of compressive strength and durability of high performance concrete by Artificial Neural Networks,
 International Journal of Optimization in civil Engineering, Vol.1, pp.189-209, 2011.
- Flexural behaviour of reinforced self-compacting concrete containing GGBFS, International Journal of Engineering and Innovative Technology, Vol.1.Issue 4,pp.124-129,2012.
- 11. Investigation of Eco-friendly Self Compacting Concrete with admixture, International Journal of Ecology, Environment and Conservation, Vol.18, No.4, pp.117-120, 2012.
- 12. Strength and workability Character of Self Compacting concrete with GGBFS,FA and SF, International Journal of Emerging Trends in Engineering and Development,Vo.2,Issue 2,pp.424-434,2012.
- 13. Experimental Investigation on high performance concrete using GGBS as admixture, International Journal of Emerging Trends in Engineering and Development, Vol.2, No.3, March 2013,pp.388-394.
- 14. Performance of self-compacting concrete containing different mineral admixtures, KSCE Journal of Civil Engineering, Vol.17, No.2, 2013, pp.465-472.
- 15. Study of High Performance concrete with silica fume and Glass fibre, International Journal of Civil Engineering, Vol.5, No.2, July-Dec. 2013, pp. 117-122.

- 16. Study of High Performance Concrete with silica fume and Glass fibre, The Asian review of Civil Engineering, Vol.2, No.1, Jan-June 2013,pp.20-24.
- 17. An experimental Investigation on Effect of GGBS and glass fibre in high performance concrete, International Journal of Civil Engineering and Technology, Vol. 4, Issue 4, July-August 2013, pp, 29-35.
- 18. Influence of Hybrid Fibre on Reinforced Concrete, International Journal of Advanced Structures and Geotechnical Engineering, Vol.3, No.1, January 2014, pp. 40-43.
- Behaviour of HFRC exterior beam column joints under cyclic loading, International Journal of Science, Engineering and Technology Research Research, Vol.3, Issue 5, May 2014, pp. 1568-1571.
- Study on Performance of HFRC flexural member under cyclic loading, International Journal of Science, Engineering and Technology, Vol.3, Issue 5, May 2014, pp. 1564-1567.
- 21. Mechanical behavior of axially loaded fly ash based fibre reinforced self-compacting concrete column with FRP and Glass fibre mat confinements, International Journal of Earth Sciences and Engineering, Vol.7,No.4,October 2014,pp.1813-1822.
- 22. Behaviour of fibre-reinforced high-performance concrete in exterior beam-column joint, International Journal of Advanced Structural Engineering (Springer), August 2014, pp.6:57.
- Study on the effect of Non-conventional Materials over Conventional Materials in Bricks, VSRD International Journal of Mechanical, Civil, Automobile and Production Engineering, Vol.VI, Issue II, February 2016,pp.41-45.
- 24. Experimental Investigation on Concrete with Phospogypsum, VSRD International Journal of Mechanical, Civil, Automobile and Production Engineering, Vol.VI, Issue III, March2016,pp.61-68.
- Determination of Concrete Carbonation Depth by experimental Investigation, VSRD International Journal of Mechanical, Civil, Automobile and Production Engineering, Vol.VII, Issue II, February 2017,pp.61-70.
- 26. Partial Replacement of Fine Aggregate and Coarse Aggregate Using Waste Foundry Sand and Waste Ceramic Tiles, VSRD International Journal of Mechanical, Civil, Automobile and Production Engineering, Vol. VII Issue VI June 2017, e-ISSN: 2249-8303, p-ISSN: 2319-2208, April 2017, pp 173-180.
- 27. Vulnerability assessment using fragility curves, International Journal of Applied Engineering and Research, Vol. 12, No. 9, (2017) pp. 1867-1873.
- 28. Response Spectrum analysis and Case study of a building, International Journal of civil Engineering and Technology, Volume 8, Issue 8, August 2017, ISSN Print: 0976-6308 and ISSN Online: 0976-6316, pp.1227-1238.
- 29. Influence of Granite Powder in the properties of Fibre Reinforced Self Compacting Concrete, International Journal of Engineering Research and Technology, Volume 7, Issue 6, ISSN: 2278-0181, June 2018.
- Experimental Investigationon M20concretewithdemolitionwaste ,International Research Journal of Engineering and Technology(IRJET),Volume 7,Issue 5,e-ISSN: 2395-0056, p-ISSN:2395-0072,May 2020,pp:5224-5231.
- 31. A study on the flexural behavior of RC beams with partial replacement of sugarcane bagasse ash as fine aggregate, Journal of Xidian University, Volume 14,Issue 4,2020,ISSN:1001-2400,pp.1629-1648.

- 32. Utilization of Industrial Waste Perlite Powder and Vermiculite in Self Compacting Concrete, International Journal of Engineering Research and Technology, Volume 9,Issue 6,2020,ISSN: 2278-0181,pp.782-789.
- 33. Characteristic study on polymer Reinforced Concrete with waste materials, Journal of Seybold Report, Volumbe 15, Issue 9,2020, ISSN: 1533-9211, pp.2657-2662.
- Construction and Performance of Ground Anchors in Rock, International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056,p- ISSN:2395-0072, Volume: 07 Issue: 08, Aug 2020, pp.1391-1395.

National Journal

- Seismic Retrofit of Reinforced Concrete Columns with Glass Fiber Reinforced Polymer Composites in CE & CR journal, New Delhi, Vol.19,No.10, October 2006, pp.70-76.
- 2. Repair of Damaged Square Column with GFRP Composites, The Institution of Engineers (India) Journal Kolkatta, Vol. 87, November 2006, pp 73-82.
- 3. Retrofit of RC Square Column with Glass Fibre Reinforced Polymer Composites, The Indian Concrete Institute, Vol. 8,No.1, April- June 2007, pp 15-27.
- 4. Experimental Investigation on behavior of High Performance Reinforced Concrete columns and its repair using GFRP, Journal of Civil Engineering and Construction Review, May 2010, pp.82-91, 2010.
- 5. Experimental Investigation on behavior of High Performance Reinforced Concrete columns with silica fume and fly ash as admixtures, Journal of Structural Engineering, Vol.38, No.1, April-May, 2011,pp.46-59.
- 6. Behaviour of high performance concrete in exterior beam –column joint-A general review, Indian Journal of Engineering, Vol.3, No.6, April2013,pp.18-20.
- 7. Experimental study on fibre reinforced high performance concrete with silica fume, Journal of Construction Engineering, Technology and Management, Vol.3, Issue 1,2013, pp.26-30.
- 8. Behaviour of Fibre Reinforced High Performance Concrete in Exterior Beam- Column Joint, Civil Engineering and Construction Review ,Vol.27,No.9,September 2014,pp.64-70.