

DR.R.THENMOZHI

LIST OF PUBLICATIONS

National Journals

1. R.Kandasamy, R.Thenmozhi, and L.S.Jayagopal “Experimental studies on **Flexural-Torsional Buckling of Cold-Formed Steel Lipped Channel Beams**”, Journal of Structural Engineering, Structural Engineering Research Centre, August 2015 [Annexure –II] sl. No.11734

International Journal

1. S. Muthuramalingam and R. Thenmozhi, “ **The influence of alkaline activators and curing temperature on the properties of polymer concrete**, International journal of applied engineering research, ISSN: 0973-4562, Vol.10, No.19 (2015)pp13912-13919 <http://www.ripublication.com> (Annexure II)
2. S. Muthuramalingam and R. Thenmozhi, “ **Strength characteristics of fly ash based Geopolymer Concrete Electric Poles at early age of 3 days**. International journal of applied engineering research, ISSN: 0973-4562, Vol.10, No.19 (2015), pp13903-13911. <http://www.ripublication.com> (Annexure II)
3. S. Muthuramalingam, R. Thenmozhi, T. Senthil Vadivel and V. Padmapriya, “**Behavioural Analysis of Fly Ash Based Prestressed Geopolymer Concrete Electric Poles**. Middle-East Journal of Scientific Research 24 (7): pp2247-2251, 2016
4. B. Senthil Kumar, V. P. Arunachalam and R. Thenmozhi, “**Effect on Strength Characteristics of Low Calcium Fly Ash based Geopolymer Concrete -An Initiative towards Green Concrete**. International Journal of Applied Environmental Sciences ISSN 0973-6077 Volume 11, Number 1 (2016), pp. 173-182. <http://www.ripublication.com> (Annexure II)
5. R. Kandasamy, R.Thenmozhi, and Jayagopal, L.S., “**Flexural-Torsional buckling tests of cold-formed lipped Channel beams under restrained boundary conditions**” - International Journal of Steel Structures 16(3): 765-776 (2016) DOI 10.1007/s13296-014-0079-4 ISSN 1598-2351 (Print) ISSN 2093- 6311 (Online)
6. B. Senthil Kumar, V. P. Arunachalam R. Thenmozhi and T. Senthil Vadivel, “**Performance Analysis of Various Geopolymer Concrete Mixes under Elevated Temperature**. Middle-East Journal of Scientific Research 24 (2): pp287-291, ISSN 1990-92332016.
7. J. Umashankar, R. Thenmozhi and T. Senthil Vadivel, “**Settlement Analysis and Optimization of Tunnels under Existing Flyovers**. Middle-East Journal of Scientific Research 24 (4): pp1052-1056, ISSN 1990-9233
8. S. Janani and R. Thenmozhi, **Behaviour of cold – formed steel stiffened web sections**, International Journal of Printing, Packaging & Allied Sciences, Vol.4, No.4, December 2016. ISSN 2320-4387

9. M. Puthiya Ramki and R. Thenmozhi, **Experimental study on the behaviour of sintered flyash aggregate concrete with steel fiber** , International Journal of Technical Innovation in Modern Engineering & Science, Vol.4, Issue.4, April 2018
10. B. Saravanakumar and R.Thenmozhi "**Comparison of behaviour between rebar and stud shear connectors under monotonic loading**" Journal of Structural Engineering(2018) - *accepted for publication*
11. R. Prakash, R.Thenmozhi and S.N.Raman , **Mechanical characterisation and flexural performance of eco-friendly concrete produced with fly ash as cement replacement and coconut shell coarse aggregate**, *Int. J. Environment and Sustainable Development*, (2018) - *accepted for publication*
12. B.Ranjith Babu, R .Thenmozhi, **An investigation of the mechanical properties of sintered fly ash lightweight aggregate concrete (sflwac) with steel fibers**, Archives of Civil Engineering, ol.LXIV, ssue 1, 2018, DOI:100..2478/ace-2018-0005