Dr. R. Thenmozhi – Last 5 years publication list

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), pp. 13912-13919 http://www.ripublication.com (Annexure II).
2. S. Muthuramalingam and **R. Thenmozhi**, " Strength characteristics of fly ash based Geopolymer Concretet 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. 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.
4. 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.
5. 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).
6. 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).
7. 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.
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9. Subashree, P & **Thenmozhi,** R 2014, 'Flexural Performance of Hybrid-Rubberized Composite Slabs using Finite Element Method', Advanced Materials Research, vol. 984-985, pp.167-171, ISSN : 1662-8985.
10. 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.
11. 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.
12. B. Saravanakumar and **R.Thenmozhi** "Comparison of behaviour between rebar and stud shear connectors under monotonic loading" Journal of Structural Engineering, Vol. 45, No. 2, June - July 2018 pp. 210-220 No. 45-22.

13. Subashree, P& **Thenmozhi**, R 2018, 'Experimental Study of Hybrid Rubberized Composite Slabs', Archives of Civil Engineering, vol. 64, no. 4, pp.22-29, ISSN : 2300-3103.
14. Prakash, R, **Thenmozhi, R** & SN, Raman 2019, 'Mechanical characterisation and flexural performance of eco-friendly concrete produced with fly ash as cement replacement and coconut shell coarse aggregate', International Journal of Environment and Sustainable Development, vol. 18, no. 2, pp. 131-148.
15. S.Janani, **R.Thenmozhi** , L.S.Jayagopal, theoretical investigations for the verification of shear centre and deflection of sigma section by back propagation neural network using python, Sciencedo, DOI : 10.2478/ace-2019-0027, Archives of Civil Engineering, Vol.LXV, Issue.2, 2019,pp181-192
16. Prakash, R, **Thenmozhi, R**, SN, Raman & Subramanian, C 2020, 'Mechanical behaviour of polypropylene fibre reinforced concrete containing waste coconut shell as coarse aggregates and fly ash as partial cement replacement', Revista Facultad de Ingeniería, Universidad de Antioquia, no.94, pp. 33-42.
17. Prakash, R, **Thenmozhi, R**, SN, Raman & Subramanian, C 2020, 'Characterization of eco-friendly steel fiber-reinforced concrete containing waste coconut shell as coarse aggregates and fly ash as partial cement replacement', Structural Concrete, vol. 21, no.1, pp. 437-447.
18. Prakash, R, **Thenmozhi, R**, SN, Raman & Subramanian, C 2020, 'An investigation of key mechanical and durability properties of coconut shell concrete with partial replacement of fly ash', Structural Concrete, 03 March 2020, Available online.
19. Divyah, N, **Thenmozhi, R** & Neelamegam, M, 2020, 'Experimental and Numerical Analysis of Battened Built-up Lightweight Concrete Encased Composite Columns subjected to Axial Cyclic loading', Latin American Journal of Solids and Structures, vol. 17, issue. 3.
20. Divyah, N, **Thenmozhi, R** & Neelamegam, M, 2020, 'A comparative study on prediction models for strength properties of LWA concrete using artificial neural network', Revista de la construccion (Journal of Construction), vol.19, issue. 1, pp.103-11.
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