## LIST OF PUBLICATIONS OF DR.S.THIRUGNANASAMBANDAM

- R. Balamuralikrishnan, S. Thirugnanasambandam, "Repair and Rehabilitation of Structures", International Journal of Applied Research, Vol.2, No.8, Part I, pp 558-564, P-ISSN: 2394-7500, E-ISSN: 2394-5869, 2016.
- S. Annamalai, S. Thirugnanasambandam, K. Muthumani, "Flexural Behaviour of Geopolymer Concrete Beams Cured Under Ambient Temperature", Asian Journal of Civil Engineering (BHRC), Vol.18, No.4, pp. 621-631, P- ISSN: 1563-0854, E-ISSN: 1744-9952, 2017.
- 3. R. Anu, **S.Thirugnanasambandam**," Geopolymer Bricks", International Journal of Engineering and AdvancedEngineering, Vol. 8, No.6, pp 124-131, ISSN: 2250-2459, 2018.
- 4. N. Suganya, **S. Thirugnanasambandam**, "Steel Slag as Coarse Aggregate in Concrete", International Journal of Engineering and AdvancedEngineering, Vol. 8, No.6, pp 137-141, ISSN: 2250-2459, 2018.
- 5. S. Dhavamani Doss, **S. Thirugnanasambandam**, "Geopolymer Concrete An alternative to Cement Concrete: A Review", International Journal of Engineering and AdvancedEngineering, Vol. 8, No.6, pp 124-131, ISSN: 2250-2459, 2018.
- 6. S. Kumaravel, S. Selvamuthukumar, **S. Thirugnanasambandam**, "Long Term Strength of Geopolymer Concrete", Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 5, issue 11, pp 334 337, ISSN No. 2349-5162, 2018.
- 7. Parthiban. B, **S. Thirugnanasambandam**, "Eco-friendly Geopolymer concrete using recycled waste glass as fine aggregate", International Journal of Recent Scientific Research, Vol. 9, Issue 11 (c), pp 29660 29664, ISSN: 0976-3031, 2018.
- 8. Parthiban. B, **S. Thirugnanasambandam**, "Durability study on Eco-friendly Geopolymer concrete using recycled waste glass as aggregate", International Journal for Research in Applied Science & Engineering Technology, Vol. 6, Issue XI, pp 147 151, ISSN: 2321-9653, 2018.
- 9. Parthiban. B, **S. Thirugnanasambandam**, "Study on Recycled Waste Glass Fine Aggregate", International Journal of Engineering Science Invention, Vol. 7, Issue 10, pp 23 28, ISSN (Online): 2319-6734, ISSN (Print): 2319-6726, 2018.
- 10. Parthiban. B, **S. Thirugnanasambandam**, "Using recycled waste glass as coarse aggregate in concrete", Journal of Emerging Technologies and Innovative Research, Vol. 5, Issue 9, pp 409 415, ISSN No. 2349-5162, 2018.

- 11. N. Suganya, **S. Thirugnanasambandam**, "Geopolymer Concrete using Scrap Steel Slag as Coarse Aggregate", International Journal for Research in Applied Science and Engineering Technology, Vol. 7, issue 1, pp 781- 785 ISSN No. 2321-9653, 2019.
- 12. Parthiban. B, **S. Thirugnanasambandam**, "Study on Duraability Characteristics of Recycled Waste Glass as Coarse Aggregate in Concrete", International Journal of Research And Analytical Reviews (Ijrar), Vol. 6, Issue 1, pp 1027 1032, E-ISSN No. 2349 5138, P-ISSN No. 2349-5138, 2019.
- 13. Parthiban. B, **S. Thirugnanasambandam**, "Durability Study on Recycled Waste Glass Fine Aggregate Concrete", Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 6, Issue 1, pp 763 768, ISSN No. 2349-5162, 2019.
- 14. Parthiban. B, **S. Thirugnanasambandam**, "Durability Aspects of Recycled Waste Glass Fine Aggregate In Geopolymer Concrete", International Journal for Research in Applied Science & Engineering Technology, Vol. 7, Issue 1, pp 569 575, ISSN: 2321-9653, 2019.
- 15. N. Suganya, S. Thirugnanasambandam, "Experimental Investigation on Low Calcium Fly Ash based Geopolymer Concrete using Steel Slag as Coarse Aggregate", Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 6, issue 2, ISSN No. 2349-5162, 2019.
- 16. R. Raghulkumar, **S.Thirugnanasambandam**," Study on Conventional and Geopolymer Bricks", Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 6, issue 2, pp 370-375, ISSN No. 2349-5162, 2019.
- 17. R. Dhinesh, **S.Thirugnanasambandam**," Development of Ambient Cured Geopolymer Concrete", Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 6, issue 2, pp 376-381, ISSN No. 2349-5162, 2019.
- 18. R. Anu, **S.Thirugnanasambandam**," Geopolymer Bricks Using M-Sand", Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 6, issue 2, pp 309-314, ISSN No. 2349-5162, 2019.
- 19. N. Suganya, **S. Thirugnanasambandam**, "Mechanical Properties of Ordinary, Standard and High Strength Concrete using Scrap Steel as Coarse Aggregate", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 8, issue 5, pp 585-589, ISSN No. 2278-3075, 2019.
- 20. S. Dhavamani Doss, **S. Thirugnanasambandam**, "Performance of Ferrogeopolymer Slab Panels", Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 6, issue .4, pp 631-635, ISSN No. 2349-5162, 2019.

- 21. Parthiban. B, **S. Thirugnanasambandam**,"Flexuralbehaviour of recycled wast glass fine aggregate concrete beams", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 8, Issue 6S4, pp 89-95, ISSN No. 2278-3075, 2019.
- 22. R. Anu, **S.Thirugnanasambandam**, "Behaviour of two storey RC Frame subjected to lateral load", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 8, Issue 6S4, pp 77-80, ISSN No. 2278-3075, 2019.
- 23. S. Annamalai, **S. Thirugnanasambandam**, K. Muthumani, "Behaviour of environment friendly green concrete beams using fly ash and furnace slag under cyclic loading", International Journal of Environment and Waste Management, Vol.23, No.4, pp. 396 409, ISSN: 1478-9876,2019.
- 24. Parthiban. B, **S. Thirugnanasambandam**,"Flexural behaviour of geopolymer concrete beams using recycled waste glass as fine aggregate", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 8, Issue 6S4, pp 81-88, ISSN No. 2278-3075, 2019.
- 25. Parthiban. B, **S. Thirugnanasambandam**, "Flexural Behaviour of Geopolymer Concrete Beams using Waste Glass as Coarse Aggregate", International Journal of Engineering and Advanced Technology, Vol. 9, Issue 1, pp 4479 4485, ISSN No. 2249-8958, 2019.
- 26. S. Dhavamani Doss, **S. Thirugnanasambandam**, "Study on High Strength Geopolymer Concrete with Alumina Silica Materials using Manufacturing Sand", Silicon-Springer, Vol. 12, pp 735 746, ISSN No. 1876 990X, 2020.
- 27. S. Dhavamani Doss, **S. Thirugnanasambandam**, P.Murthi, K.Poongodi "Compressive Strength and Water Absorption Relationship of Alkaline Activated Concrete", International Journal of Innovative Technology and Exploring Engineering, Vol. 9, Issue 4,February, pp 897 902, ISSN No. 2278-3075, 2020.
- 28. S. Dhavamani Doss, **S. Thirugnanasambandam**, P.Murthi, K.Poongodi "Development of Alkaline Activated High Strength Concrete using Fly Ash Ground Granulated Blast Furnace Slag Metakaolin as Binders and Manufacturing Sand as Fine Aggregate", International Journal of Innovative Technology and Exploring Engineering, Vol. 9, Issue 4,February, pp 903 911, ISSN No. 2278-3075, 2020.
  - 29. Manoj. G., **S.Thirugnanasambandam**, "The Review of Geopolymer Concrete Incorporating Nano Particles", Studies in Indian Place Names, Vol. 40, Issue 74, pp.315-319. ISSN: 2394-3114, March 2020.