

## **Details of Papers Published by Dr.R.Murugesan during last 5 years**

### ***In National Journals***

1. R. Murugesan, S. Raja Mohan, G.Baskar & P.J.Jose Patris, Improvement of Occupancy Ratio in STU Buses, Journal of Road Transport, Vol. 1, Issue 2, Jan. – Mar. 2015
2. Murugesan,R., Guruvalakshmi,A., Identification and Analysis of Black Spots In NH-47 (Salem- Coimbatore Stretch) , Journal of Road Transport, The Institute of Road Transport, Chennai. Vol. 3, Issue 4, July – Sep., 2015
3. T. Mayilvahanan & R.Murugesan, Sensitivity Analysis of Nonlinear Elastic Multilayer System of Flexible Pavements, Journal of Road Transport, The Institute of Road Transport, Chennai. Vol. 3, Issue 8, July – Sep, 2016
4. R. Murugesan, K.M. Gopalakrishnan, Flexural Behavior of RC Beam, Strength and Durability studies of Concrete made with Recycled Concrete Aggregate, M sand and Different Mineral Admixtures, Indian Journal of Geo-Marine Science, Vol.45(4), pp556-565, April 2016.
5. R. Murugesan, K.P. Senthilnathan, K. Jagadeesan & E. Pushpa, Corrosion study on R.C. slab with replacement of fly ash with various percentages in cement concrete, Journal of Chemical and Pharmaceutical Research, 2016, 8(3): 773-781.
6. R. Anandapadmanaban, P.J. Jose Patris, V. Srinivasan, R. Murugesan & A.Kavitha, Accident Analysis Report of all STUs for the period (July- Dec.2016), Journal of Road Transport, The Institute of Road Transport, Chennai, Vol. 2, Issue-11, Apr. – June- 2017
7. S. Loganayagan and R. Murugesan, Mode Choice Modeling for Three Major Cities of Tamil Nadu, Journal of Road Transport, The Institute of Road Transport, Chennai, Vol.1, Issue-19, Apr. – June- 2019
8. Jagadesh, P, Ramachandra Murthy, R & Murugesan, R, 2018, ‘Overview on Properties of Sugar Cane Bagasse Ash (SCBA) as Pozzolan’, Indian Journal of Geomarine Science, vol. 47,

no. 10, pp. 1934-1945, ISSN : 0379-5136 (Annexure I).  
(Impact Factor – 0.489).

9. Jagadesh, P, Ramachandra Murthy, R, Murugesan, R, & Karthik Prabhu, T 2019, 'Adaptability of Sugar Cane Bagasse Ash in Mortar', Journal of Institution of Engineers (India), Series A, vol. 100, no. 2, pp. 225-240, ISSN : 2250-2149.

### ***In International Journals***

10. R. Murugesan, A. Guruvalakshmi & Devaki, Road Accident Modeling in NH 47 (Salem- Coimbatore Stretch) , International Journal of Applied Engineering Research, Vol.10, No.2, pp 5145-5149, 2015.
11. T. Mayilvahanan & R. Murugesan, Effect of Nonlinearity in Granular and Subgrade Layers in Multi Layer Analysis of Flexible Pavements, International Journal of Applied Engineering Research, Vol.10, No.3, pp 6027-6038, 2015.
12. R. Murugesan, K.P. Senthilnathan, K. Jegadeesan & G. Vijayakumar , Study on Corrosion Protection in R. C. Slabs, International Journal of Applied Engineering Research, Vol.10, No.57, pp 22-29, 2015.
13. P. Jagadesh, A. Ramachandramurthy & R. Murugesan, Effect of Water to Cementitious Ratio on the Strength Development of Unary Blended Concrete- An Overview, International Journal of Earth Sciences and Engineering, Vol. 08, No. 03, pp 1493-1500, June, 2015.
14. R. Murugesan , P. Jagadesh, A. Ramachandramurthy , & K. Sarayu, Micro- analytical studies on Sugar cane Bagasse Ash, Sadhana, Vol. 40, Part 5, pp. 1629-1638, Aug. 2015, Indian Academy of Sciences.
15. S. Loganayagan and R. Murugesan, The Modeling of Mode Choice using NLOGIT in Transport Planning, International Journal of Printing, Packaging & Allied Sciences, Vol.4, No. 5, December 2016.
16. Gopalakrishnan, KM & Murugesan, R 2015, 'Effect of Rock Fractured Materials Replacement in Concrete – Its Strength

and Durability Study', International Journal of Earth Sciences and Engineering, vol. 08, no. 01, pp. 250-255

17. Gopalakrishnan, KM & Murugesan, R 2015, 'Modeling the Partial Replacement Effect of Coarse Aggregate and Cement With RCA and Flyash', International Journal of Applied Engg Research, vol. 10, no. 4, pp. 9909-9922.
18. Anand Rejilin, D.R., Murugesan, R & Bravin Ebanesh, V 2018, 'Flexural performance of geopolymer concrete modified with pozzolanic minerals and secondary reinforcement', Journal of Computational and Theoretical Nano science, American Scientific Publishers, California, USA, vol.15, no.2, pp. 459-469
19. Jagadesh, P, Ramachandra Murthy, R & Murugesan, R, 2018 'Evaluation of Mechanical Properties of Sugar Cane Bagasse Ash Concrete', Construction and Building Materials, vol. 176, pp. 608-617, ISSN : 0950-0618 (Annexure I). (Impact Factor – 3.485).