

Dr.K.Mahendran

Professor

List of Publications

1. Studies on Compression Strength Parameters of Stabilized Black Cotton Soil Blocks, International Journal of Earth Science and Engineering, ISSN 0974-5904, Volume 09, No.01 pp.275-278, 2015.
2. A Study on the Influence of the Soil Properties and Additives on the Strength of Mud Blocks, International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, No.53 pp. 1-7, 2015.
3. A Study on Utilization of Copper Slag as Fine Aggregate in Geopolymer Concrete, International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, No.53 pp. 336-340, 2015.
4. Utilization of Hypo Sludge for the stabilization of Red Soils along with Cement and Molasses, Indian Journal of Science and Technology, ISSN (Online) : 0974-5645, Volume 09, No. 02 pp. 1-8, 2016.
5. Performance of Fly Ash and Copper Slag based Geopolymer Concrete, Indian Journal of Science and Technology, ISSN (Online): 0974-5645, Volume 09, No. 02 pp. 1-8, 2016.
6. Performance of UHPC containing nano Al_2O_3 particles exposed to seawater International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES) (ISSN: 2455-2585) Volume.5 ,No.4pp.87-90,2019.
7. The electrical resistivity properties of nano – Al_2O_3 particles blended ultra high performance concrete International Journal of Research in Advent Technology (IJRAT) (ISSN: 2321-9637) Volume.7 ,No.4pp.25-28,2019.
8. Effects of elevated temperature attack on nano - Al_2O_3 particles blended Ultra High Performance Concrete International Journal of Management, IT and Engineering (IJMIE) (ISSN: 2249-0558) Volume.9 ,No.5pp.226-232,2019.
9. Aggressive alkaline attack on nano Al_2O_3 blended Ultra High Performance Concrete International Journal of Advanced Scientific Research and Management (IJASRM) (ISSN: ISSN 2455-6378) Volume.4 ,No.4pp.436-440,2019.
10. The effects of nano alumina particles replacement on water transportation properties of UHPC International Journal of Scientific Research and Reviews (IJSRR) (ISSN: 2279–0543) Volume.8 ,No.2pp.1280-1287,2019.
11. The effects of nano Al_2O_3 particles replacement on carbonation resistance properties of ultra high performance concrete (UHPC) International Journal for Research in Engineering Application & Management (ISSN : 2454-9150) Volume.5 ,No.1pp.81-84,2019.
12. Effects of Industrial and Agricultural Wastes on Mud Blocks Using Geopolymer Hindawi Advances in Civil Engineering Volume 2020, Article ID 1054176, 9 pages <https://doi.org/10.1155/2020/1054176>. P. Vignesh , K.Mahendran, and N. Arunachalam.