# LIST OF PUBLICATIONS

| Sl. No. | AUTHOR NAME & TITLE | YEAR OF PUBLICATIONS |
|---|---|---|
| 1. | Vignesh ,**K.Mahendran**, and N. Arunachelam, "Effects of Industrial and Agricultural Wastes on Mud BlocksUsing Geopolymer", Hindawi Advances in Civil Engineering, Volume 2020, Article ID 1054176, 9 pages . https://doi.org/10.1155/2020/1054176N. P. | 2020 |
| 2. | Karnal Preeth S, **K.Mahendran,** "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 |
| 3. | Karnal Preeth S, **K.Mahendran, "**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 |
| 4. | Karnal Preeth S, **K.Mahendran, "**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 |
| 5. | Karnal Preeth S, **K.Mahendran**, "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 |
| 6. | Karnal Preeth S, **K.Mahendran**, "The electrical resistivity properties of nano – $Al_2O_3$ particles blended ultra high performance concrete" , International Journal of Research in | 2019 |

| | | |
|---|---|---|
| | Advent Technology (IJRAT) (ISSN: 2321-9637), Volume.7 ,No.4pp.25-28. | |
| 7. | Karnal Preeth S, **K.Mahendran**, "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 |
| 8. | Arunachalam N, **K.Mahendran**,"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 |
| 9. | Vignesh N.P**, K.Mahendran,**,"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 |
| 10. | Arunachalam N, **K.Mahendran, "**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. | 2015 |
| 11. | Vignesh N.P**, K.Mahendran, "**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. | 2015 |
| 12. | Vignesh N.P**, K.Mahendran, "**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. | 2015 |