

Easwari Engineering College (Autonomous)

Department of Civil Engineering

List of Publications - 2022

1. Ayyasamy, L.R., Mohan, A., Rex, L.K., ...Vijayan, D.S., , ENHANCED THERMAL CHARACTERISTICS OF CuO EMBEDDED LAURIC ACID PHASE CHANGE MATERIAL, Thermal Science, 2022, 26(2), pp. 1615–1621
2. Tholkapiyan, M., Mohan, A., Vijayan, D.S., TRACKING THE CHLOROPHYLL CHANGES USING SENTINEL-2A/B OVER THE GULF OF MANNER, INDIA, Oxidation Communications, 2022, 45(1), pp. 93–102
3. Dr,G,Velraj Kumar, R.Muralikrishnan, A.Mohan, R.Bala Thirumal, P.Naveen John, Performance of GGBFS and silica fume on self compacting geopolymer concrete using partial replacements of R-Sand, materials today : proceedings, Volume 59, Part 1, 2022, Pages 909-917
4. D. S. Vijayan , A. Mohan , C. Nivetha , Vidhyalakshmi Sivakumar ,Parthiban Devarajan , A. Paulmakesh , and S. Arvindan, Treatment of Pharma Effluent using Anaerobic Packed Bed Reactor, Journal of Environmental and Public Health, Volume 2022, Article ID 4657628, 6 pages, <https://doi.org/10.1155/2022/4657628>.
5. VELRAJKUMAR, G., AJITH, J., MUTHULAKSHMI, S., KUMAR, R. D., & SRI, K. V. N. (2022). CHARACTERIZATION OF CARBON FIBRE REINFORCED POLYMERS SHEET BONDED RC BEAM WITH END ANCHORAGE UNDER STATIC AND CYCLIC RESPONSE. In Journal of the Balkan Tribological Association (Vol. 28, Issue 4, pp. 522–536).
6. KUMAR, G. P., PRABHA, S. L., SURENDAR, M., & VIRAPAN, S. (2022). EVALUATION OF STRUCTURAL BEHAVIOUR OF DUCTILE HIGH PERFORMANCE CONCRETE UNDER IMPACT AND BLAST LOADS. In Journal of the Balkan Tribological Association (Vol. 28, Issue 4, pp. 537–549).
7. MOHAN, A., & SARAVANAN, J. (2022). CHARACTERIZATION OF GEOPOLYMER CONCRETE BY PARTIAL REPLACEMENT OF CONSTRUCTION AND DEMOLITION WASTE -- A REVIEW. In Journal of the Balkan Tribological Association (Vol. 28, Issue 4, pp. 550–558).

8. Vijayan, D.S., Ayyasamy, L.R., Sharma, A.S., ...Devarajan, P., Sivasuriyan, A. Finite element analysis of behavior and ultimate strength of composite column, *Science and Engineering of Composite Materials*, 2022, 29(1), pp. 176–182.
9. LENIN DHAL, R.GOPALAKRISHNAN, HYBRID FIBRE REINFORCED CONCRETE WITH REPLACEMENT OF FINE AGGREGATE *Journal of Balkan Tribological associatin*, ISSN 1310 -4772, Scibulgium Ltd., Vol.28, Issue 1, Page 75-88.
10. M.AMALA, G.HARISHMITHA, Self-compacting geopolymer concrete: A review, *International Journal of Health Sciences*, ISSN: 2550-6978 E-ISSN: 2550-696X, Vol Special Issue -6 , Page Number -13690-139622.
11. Tholkapiyan, M., Mohan, A., Vijayan, D.S. VARIABILITY OF SEA SURFACE TEMPERATURE IN COASTAL WATERS OF GULF OF MANNER, INDIA, *Oxidation Communication* this link is disabled, 2022, 45(3), pp. 562–569
12. Lavanayaprabha, S., Mohan, A., Velraj Kumar, G., Mohammedharoon Zubair, A. STUDY ON STRUCTURAL BEHAVIOUR OF DUCTILE HIGH-PERFORMANCE CONCRETE UNDER IMPACT AND PENETRATION LOADS, *Journal of Environmental Protection and Ecology* this link is disabled, 2022, 23(6), pp. 2380–2388
13. Suriya, S., Lavanya, V., Madhan Kumar, M., Mohan, A., Anandha Kumar, S. (2022). Catastrophic Effects of Climate Change on Child Health. In: Panneerselvam, B., Pande, C.B., Muniraj, K., Balasubramanian, A., Ravichandran, N. (eds) *Climate Change Impact on Groundwater Resources*. Springer, Cham. https://doi.org/10.1007/978-3-031-04707-7_15
14. Prasoon PP, M.Siva, A.Hemalatha, K. Shanthakumar, K. Mohan Das, Analysis Of M60 Grade Concrete Using Silico-Manganese Slag As The Partial Replacement Of Coarse And Fine Aggregates, *Dogo Rangang Research Journal*, Vol-12 Issue-08 No. 04 August 2022