

Easwari Engineering College (Autonomous)

Department of Civil Engineering

List of Publications - 2021

1. Kiruthika Chandrasekaran, Lavanyaprabha Srinivasan, Neelamegam Meyappan, “Characterization of fibre reinforced resin concrete ”, *Materiale Plastice*, PP – 158(4) , 2021, 58-170, **WOS&SCOPUS**
2. D. S. Vijayan , A. Mohan , J. Jebasingh Daniel , V. Gokulnath , B. Saravanan , and P. Dinesh Kumar, “Experimental Investigation on the Ecofriendly External Wrapping of Glass Fiber Reinforced Polymer in Concrete Columns”, *Advances in materials Science and Engineering*, Article id 2909033, March,2021, pp01-12- **WOS&SCOPUS**
3. A.Mohan, G.Prabha, B.Balapriya, M.Deepika, B.Hemanthimekala, “Investigations on the properties of concrete containing Recycled Plastic aggregates” *Journal of Balkan Tribological Association*, Volume-27, Issue-6, pp- 1010-1020, 2021.- **SCOPUS**
4. D. S. Vijayan , A. Mohan , J. Revathy , D.Parthiban , R.Varatharajan , “Evaluation of the impact of thermal performance on various building bricks and blocks: A Review”, *Environmental Technology & Innovation*, Article id 101577, volume 23, 2021, pp01-19- **WOS&SCOPUS**
5. Nagarajan Divyah, Rajagopal Thenmozhi, Meyappan Neelamegam, Ramaiah Prakash, “Characterization and behavior of basalt fiber-reinforced lightweight concrete”, *structural concrete*, 2021 **WOS&SCOPUS**
6. S. Arun Prakash , D. Gunadevan , R. Arivazhagan , R. Sheeja , V. Antony Aroul Raj , R. Velraj , “ Performance evaluation of phase change material integration in buildings using novel non-dimensional performance parameters for different cities and months in India”, *Journal of Energy Storage*,103015, Volume-43, 2021- **WOS&SCOPUS**
7. S. Kumar , R. Sheeja , Abraham J.S. Jospher , G. Sai Krishnan , Chandrasekar , Antony AroulRaj, “Energy-saving potential of a passive cooling system for thermal energy management of a residential building in Jaipur City, India”, *Materials today Proceedings* (Elsevier) 22(2021) Jan.2020, PP 1117-1124.- **SCOPUS**
8. S. Arun Prakash , C.Hariharan , R. Arivazhagan , R. Sheeja , V. Antony Aroul Raj , R. Velraj , “ Review on numerical algorithms for melting and solidification studies and their

- implementation in general purpose computational fluid dynamic software”, Journal of Energy Storage,102341, Volume-36, 2021- **WOS&SCOPUS**
9. R.Gopalakrishnan, K.Chinnaraju, “Durability Characteristics of slag / Flyash Based Alumina Silicate concrete at ambient temperature”, Silicon, 21, (2021).- **SCOPUS & WOS**
 10. R.Gopalakrishnan, Lenindhal, S.Dharmar, D.Purushothaman, “Production of construction material using construction and demolition waste by geo-polymerization of industrial waste” Journal of Balkan Tribological Association, Volume-27, Issue-6, pp- 997-1009, 2021.- **SCOPUS**
 11. M.Tholkapiyan, A.Mohan, D.S.Vijayan, “ Spatial and Temporal changes of sea surface phytoplankton pigment concentration over gulf of mannar, India”, Oxidation Communications, volume44, Issue4, pages 790-799. **SCOPUS**