

Dr. Shanmuga Sundaram M

Assistant Professor (Sr.)

Vellore Institute of Technology,

Chennai, Tamil Nadu – 600 127.

Ph.7708424048

Shanmuga.sundram@vit.ac.in

### **List of Publications**

- Dr. Shanmuga Sundaram M, Sandeep Ghosh ,SEISMIC PERFORMANCE OF RC FRAMED IRREGULAR BUILDINGS, International Journal of Civil Engineering and Technology (IJCIET),2017
- Dr.Shanmugasundaram M, A.VijayabhaskarUsage of Carbon nanotubes and nano fibers in cement and concrete: A reviewInternational, Journal of Engineering and Technology (IJET)2017
- Dr. Shanmuga Sundaram M, Dr.S.KarthiyainiPhysicochemical Properties of Ash-Based Geopolymer Concrete"Handbook of Composites from Renewable Materials, Physico-Chemical and Mechanical Characterization",2017
- P. Kumar, K. Sudalaimani, and M. ShanmugasundaramAn Investigation on Self-Compacting Concrete Using Ultrafine Natural Steatite Powder as Replacement to Cement, Advances in Materials Science and Engineering2017
- Dr. M. Shanmugasundaram, S. LogananthamSEISMIC ANALYSIS ON MEZZANINE FLOORING SYSTEMInternational, Journal of Civil Engineering and Technology2017
- SHANMUGASUNDARAM M, KARTHIYAINI S & AMMAR ARIFSTRESS EVALUATION ON MECHANICAL CONSTRUCTION AND ITS ALLIED MANUFACTURING INDUSTRY EMPLOYEES AND ITS BASIC IMPACT ON PRODUCTIVITY: A CASE STUDYInternational, Journal of Mechanical and Production Engineering Research and Development2017
- G. Delorme, G. SrivastavaA STATE-OF-ART REVIEW ON STUDIES AND EFFECTIVENESS OF MICRO-IRRIGATION SYSTEMSInternational, Journal of Civil Engineering and Technology (IJCIET)2017
- Rohan Kumar Gaddam, Karthiyaini SAN INVESTIGATION ON MECHANICAL STRENGTH OF ALKALI ACTIVATED ULTRA FINE NATURAL STEATITE POWDER BASED GEOPOLYMER MORTARInternational, Journal of Civil Engineering and Technology (IJCIET)2018

- Ponraj Sankar, L., Shanmugasundaram, M., Karthiyaini, S., Andal, L. An experimental study on compressive strength of fine grinded flyash admixed concrete, International Journal of Civil Engineering and Technology 2018
- Shanmugasundaram, M., Karthiyaini, S., Arif, A. A case study on enterprise culture heritage management of construction industry based on employee feed back International Journal of Civil Engineering and Technology 2018
- Subburaj, V., Nampoothiri, N.V.N., Shanmugasundaram, M, A project management model for an experimental construction management project, International, Journal of Civil Engineering and Technology 2018
- Bhaskar, V.A., Shanmugasundaram, M. A study on strength of mortar with multiwalled carbon nano tube as additive, International, Journal of Civil Engineering and Technology, 2018
- Bhaskar, V.A., Shanmugasundaram, M. Enhancing the Durability Properties of Concrete prepared with Multiwalled Carbon Nanotubes, International Journal of Civil Engineering and Technology, 2018
- Shanmugasundaram, M., Karthiyaini, S. SUSTAINABLE BUILDINGS, Shanlax Publishers 2018
- Shanmugasundaram, M., Karthiyaini, S., Rohan Gaddam Solidification of bio-medical waste incinerated bottom ash along with steatite powder as sustainable geopolymer, Ecology Environment and Conservation 2019
- S. Karthiyaini, K. Senthamarai Kannan, J. Priyadarshini, Kamal Gupta, and M. Shanmugasundaram, Prediction of Mechanical Strength of Fiber Admixed Concrete Using Multiple R Values, Advances in Materials Science and Engineering 2019
- Premkumar, R., Babu Chokkalingam, R., Shanmugasundaram, M. Durability, Performance of Fly Ash and Steatite Powder Based Geopolymer Concrete IOP Conference Series: Materials Science and Engineering 2019
- Vijaya Bhaskar, A., Shanmugasundaram, M, Strength and durability characteristics of sustainable structural concrete, international Journal of Recent Technology and Engineering 2019
- Bhaskar, A.V., Shanmugasundaram, M, The optimum dosage of the multiwalled carbon nanotubes for improving the mechanical behavior, International Journal of Recent Technology and Engineering 2019
- Dr. S. Karthiyaini, Dr. R. Sivakumar and Dr. M. Shanmuga Sundaram "MARKET RESPONSE OF REAL ESTATE AND AUTOMOTIVE INDUSTRY DURING PANDEMIC-A TRANSDISCIPLINARY APPROACH, INTERNATIONAL JOURNAL OF MANAGEMENT, 2020
- Premkumar R1, Ramesh Babu Chokkalingam1, M Shanmugasundaram2 and Ragasree A1, Study on mechanical properties of alkali activated binary blended binder containing Natural Steatite Powder, Materials Science and Engineering, 2020