Dr. M.K.HARIDHARAN - List of Publications

Publications

- **Haridharan, M. K. Matheswaran. S et al.,** (2020) “Impact response of two-layered grouted aggregate fibrous concrete composite.” Construction and Building Materials, 263 (2020): 120628.
- **Murali G., Haridharan, M. K et al.,** (2020) "Experimental study on GFRP strips strengthened new two stage concrete slabs under falling mass collisions." KSCE Journal of Civil engineering,1-10.
- Asrani, Neha P., G. Murali, Hakim S. Abdelgader, K. Parthiban, **M. K. Haridharan**, and K. Karthikeyan (2019) "Investigation on Mode I Fracture Behavior of Hybrid Fiber-Reinforced Geopolymer Composites." Arabian Journal for Science and Engineering, 1-11.
- Murali, G., Laxminadh Poka, K. Parthiban, **M. K. Haridharan**, and A. Siva (2019) "Impact Response of Novel Fibre-Reinforced Grouted Aggregate Rubberized Concrete." Arabian Journal for Science and Engineering, 1-13.
- Murali, G., Asrani, N. P., Ramkumar, V. R., Siva, A., &**Haridharan, M. K**. (2019). Impact resistance and strength reliability of novel two-stage fibre-reinforced concrete. Arabian Journal for Science and Engineering, 44(5), 4477-4490.
- Murali, G., Karthikeyan. K., &**Haridharan M.K** (2018) Statistical Scrutiny of Variations in Impact Strength of Green High Performance Fibre Reinforced Concrete Subjected to Drop Weight Test. Romanian Journal of Materials, 48(2), 39 – 44.
- Gayathri.R, Murali, G., Parthiban. K, **Haridharan M.K**, and , K. Karthikeyan, A Four Novel Energy Pattern Factor Method for Computation of Weibull Parameter in Impact Strength Reliability of Fibre-Reinforced Concrete DOI: 10.14419/ijet.v7i3.12.16042
- Ram Prasad.K, Murali, G. Parthiban. K &**Haridharan M.K**., Karthikeyan. K (2018) Experimental Study on Functionally Graded Steel Fiber Reinforced Preplaced Aggregate Concrete. Internationa Journal of Engineering & Technology, 7 (3.12), 456 – 458.
- Bharathi Murugan R, Gayke. A, Natarajan C, **Haridharan M K, Murali G and Parthiban K** (2018). Influence of Treated Natural Jute Fiber on Fleural Properties of Reinforced Concrete Beams. . Internationa Journal of Engineering & Technology, 7 (3.12), 456 – 458.
- Murali, G., Neha P. Asrani, Arthika J , K. Karthikeyan and **M. K. Haridharan** (2018) Probabilistic Fracture Energy Assessment of Natural Fibre Reinforced Concrete by Two Parameter Weibull Distribution. DOI: 10.14419/ijet.v7i3.12.16116.
- Aneesha K and **Haridharan M K** (2017) Ranking the Project Management Success Factors for Construction Project in South India. IOP Conference Series: Journal of Earth and Environmental Science. Doi:10.1088/1755-1315/80/1/012044

- Subramanyam K and **Haridharan M K** (2017), Examining the challenging Hindrances facing in the construction projects: South India's Perspective. IOP Conference Series: Journal of Earth and Environmental Science. Doi:10.1088/1755-1315/80/1/012044
- **Haridharan M K**, Natarajan C and Shen En Chen (2017). Evaluation of Residual Strength and Durability Aspect of Concrete Cube Exposed to Elevated Temperature. International Journal of Sustainable Cement-Based Materials, 6, 04, 231 – 251.
- Bharathi Murugan R, **Haridharan M K**, Natarajan C and Jayasankar R (2017). Influence of Glass Fiber on Fresh and Hardened Properties of Self Compacting Concrete. IOP Conference Series: Journal of Earth and Environmental Science. Doi:10.1088/1755-1315/80/1/012004
- **HaridharaN M K,** Bharathi Murugan R, Natarajan C and Muthukannan M (2017). Influence of Waste Tyre Crumb Rubber on Compressive Strength, Static Modulus of Elasticity and Flexural Strength of Concrete. IOP Conference Series: Journal of Earth and Environmental Science. Doi:10.1088/1755-1315/80/1/012014.
- **Haridharan, M.K.** and Natarajan, C., (2017) Experimental study on thermo-mechanically treated rebar subjected to various thermal cycles. Materials Today Procedings, 4(9), pp.9685-9689.
- Sriram. V, Konakanchi Sirisha, Keerthi Prakash. R, Murali. G, **Haridharan. M.K**, Karthikeyan. K (2017). A new method to estimate weibull parameter for the fatigue life of self-compacting fiber reinforced concrete beams. International Journal of Civil Engineering and Technology, 08, 07, 326 – 331.
- **M K Haridharan** and C Natarajan (2015). Numerical Simulation of Damage in Reinforced Concrete Slab subjected to Elevated Temperature. International Journal of Earth Sciences and Engineering,08, 01, 129-135.
- N. Raveendra Babu, **M.K. Haridharan** and C. Natarajan (2015) "Behaviour of Two Way Reinforced Concrete Slab at Elevated Temperature" Springer India , Advances in Structural Engineering, ISBN: 978-81-322-2186-9 (Print) 978-81-322-2187-6 (Online), Volume 03, pp 2285-2298.

Book Chapters:

- Murali G, Haridharan M K& Karthikeyan k (2019), Chapter on A new Methods for Assessment of Weibull Parameters for Impact Strength Prediction of Fiber Reinforced Concrete in Terms of Pobability of Survival Advances in Engineering Technology Vol -3, AkiNik Publications, ISSBN: 978-93-5335-730-6.
- Murali G, Haridharan M K & Karthikeyan k (2019), Chapter on Probabilistic Fracture Energy Assessment of Natural Fibre Reinforced Concrete Using Weibull Distribution, Advances in Civil Engineering, Vol-4, AkiNik Publications, ISSBN: 978-93-5335-776-4.
- Murali G, Haridharan M K& Karthikeyan k (2019), Chapter on Fracture Energy Assessment of Natural Fibre Reinforced Concrete Using Weibull Distribution, Research Trends in Multidisciplinary Research Vol -7, AkiNik Publications, ISSBN: 978-93-5335-688-0.