



SRM Valliammai Engineering College


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Department of Mechanical Engineering

Personal Details

Name	R. SRINIVASAN		
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Educational Qualification	M.E (Ph.D)		
Experience	11 Years		
Area of Specialization	Engineering Design		
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Educational Details

S.No.	Degree	Branch/Specialization	Institution/ University	Year
1	B. E	Mechanical	Jayaram College of Engineering & Technology	2000
2	M.E	Engineering Design	KSR College of Technology	2011

Professional Society Memberships

1. INDIAN SOCIETY FOR TECHNICAL EDUCATION-Life member
2. INTERNATIONAL ASSOCIATION OF ENGINEERING-Life member

Publication Details

Journals:

1. Glass-Jute Fiber Reinforced Epoxy Composites. International Journal of Science and Research (IJSR), 4(2015): p 1714- 1717.
2. Mechanical Properties of Hybrid Fiber Reinforced Epoxy composites- Journal on Mechanical Engineering-I manager Publication, 5(2020): p 32-40.
3. Evaluation of Mechanical Properties of Al6061-ZrO₂-Al₂O₃ Hybrid Metal Matrix composites. Journal on Material science, I-manager Publication: 9(2021), p38-47.
4. Utilisation possibilities of waste medium-density fiberboard: A material recycling process. Elsevier- Materials today proceeding <http://dx.doi.org/10.1016/j.matpr.2021.12.025>.

5. Investigation of Mechanical Behavior of Mango Seed Peel Particulate Epoxy Composite. Journal on Mechanical Engineering, i-manager publication, 11(2021), p 19-25.
6. Numerical Simulation and Experimental Study of Glass Fiber Epoxy Drive Shaft. Journal on Mechanical Engineering, i-manager publication, 11(2021), p 50-56.
7. Effect of addition of titanium carbide and graphite reinforcement on Al7075 hybrid metal matrix composites by gravity stir casting method. Elsevier- Materials today proceeding <https://doi.org/10.1016/j.matpr.2022.02.27>.

Conferences:

1. Effect on the impact strength by fly ash blending in Aluminum glass fiber reinforced epoxy resin composite, National conference on Fascinating advancement in Mechanical Engineering, 26.2.18, RMK College of Engineering and Technology.
2. Experimental investigation of the Mechanical properties on Aluminum hybrid composite reinforced with Tungsten carbide, National conference on Fascinating advancement in Mechanical Engineering, 26.2.18, RMK College of Engineering and Technology.
3. Mechanical Properties of Hybrid Fiber Reinforced Epoxy composites, First International conference on Smart Automation in Conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering (ICSA 2k19),06-09-2019, SRM Valliammai Engineering College, Kattankulathur-603203.
4. Experimental investigation on the effect of heat treatment on Aluminium Hybrid Composites Reinforced with Graphite and Aluminium oxide, 3rd National e-Conference on Recent Development in Automobile and Mechanical Engineering, 31-03-2021, Easwari Engineering College, Ramapuram, Chennai-600088.
5. Numerical Simulation and Experimental Study of Glass Fiber Epoxy Drive Shaft, Second International conference on Smart Automation in Conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering (ICSA 2021),10-04-2021, SRM Valliammai Engineering College, Kattankulathur-603203.
6. Effect of addition of titanium carbide and graphite reinforcement on Al7075 hybrid metal matrix composites by gravity stir casting method, International conference on Advance in Materials and Mechanical Engineering (ICAMME-2022), Ajay Kumar Garg Engineering College, Ghaziabad at 18-19 th February-2022.

Research and Development Details

1. Number of Conferences Convened: 2