

R. Karthick, M.E.,

Assistant Professor / Mech

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Educational Qualification:

Degree	Institution	University	Year of Passing
M.E. Manufacturing Engineering	Velammal College of Engineering and Technology, Madurai.	Anna University, Chennai	2015
B.E. Mechanical Engineering	Velammal College of Engineering and Technology, Madurai.	Anna University, Chennai	2013
Diploma Mechanical Engineering	K. L. Nagasamy Memorial Polytechnic College, Madurai.	Directorate of Technical Education	2009

Experience in Years: 5.5 Yrs**Employment History:**

S. No.	Institution	Designation	Duration		Experience
			From	To	
1	Velammal College of Engineering and Technology, Madurai.	Assistant Professor	15.06.2017	Till date	5.5 Years
2	Sri Krishna College of Engineering and Technology, (An Autonomous Institution) Coimbatore	Assistant Professor	01.06.2015	31.05.2017	2 Years

Interested Research Areas: Composite Materials, Lean Manufacturing**Funded Research Projects:**

S. No.	Name of the Agency	Scheme Name	Title	Sanctioned Amount	Year
1.	Ministry of Micro, Small and Medium Enterprises (MSME), New Delhi	Support of Entrepreneurial and Managerial Development of SMEs through Incubators	Natural Sisal Fibre Reinforced Hybrid Composite Chairs and Constructional Bricks	6.25 Lakhs	2014

Publications Details:

1. Patent Journal Publication Details:

1. Natural Sisal Fibre Reinforced Hybrid Composite Chairs

2. International Journal Publication Details:

1. R. Karthick, (2018) “Comparative analysis of mechanical and water absorption behaviour of jute/glass fibre reinforced epoxy and polyester hybrid composites”, Int. J. Materials Engineering Innovation, Vol. 9, No. 2, pp.82–93.
2. R. Karthick, “Evaluation of mechanical behavior of banana fibre reinforced hybrid epoxy composites”, ELSEVIER, Materials Today: Proceedings 5 (2018) 12814–12820.
3. R. Karthick, “Optimization of Overall Equipment Effectiveness in A Manufacturing System”, International Journal of Innovative Research in Science, Engineering and Technology, Volume 3, Special Issue 3, March 2014.

3. International Conference Presentation Details:

1. R. Karthick, “Evaluation of mechanical behavior of banana fibre reinforced hybrid epoxy composites”, International Conference on Materials, Manufacturing and Modelling, ICMMM – 2017, Vellore Institute of Technology, Vellore, March 2017.
2. R. Karthick, “Appraisal of Mechanical Properties of Sisal Fibre Reinforced Hybrid Composites Using Isophthalic Polyester Resin”, International Conference on Advances in Materials, Manufacturing and Applications AMMA – 2015, National Institute of Technology, Trichy, April 2015.
3. R. Karthick, “Sisal Fibre Reinforced Hybrid Composites: A Review”, International Conference on Advances in Mechanical and Mechatronics Engineering ICAMME – 2014, Sri Krishna College of Engineering and Technology, (An Autonomous Institution) Coimbatore, December 2014.

4. National Conference Presentation Details:

1. R. Karthick, “Comparison of Sisal, Jute and Banana Fibre Composites: A Review”, National Conference on Innovations in Engineering, Science and Technology, Ramco Institute of Technology, Rajapalyam, March 2015.

5. Google Scholar report:

https://scholar.google.com/citations?hl=en&user=7jP9-eAAAAAJ&view_op=list_works&citft=1&citft=2&citft=3&email_for_op=rkk%40vcet.ac.in&gmla=AJsN-F46vKd_17hxMMkNCP1kqzHL0ErFCVPxYEZhwKkCsgIpXvgOnDqdDS8b8W0fGhaidr6uv5s5XisgxSA7zzmfiRYFklJwnw