

VELALAR COLLEGE OF NENGINEERING & TECHNOLOGY-ERODE-12
DEPARTMENT OF MECHANICAL ENGINEERING
FACULTY JOURNAL PUBLICATION DETAILS
ACADEMIC YEAR 2018-2019

S.NO	NAME OF THE FACULTY	TITLE OF PUBLICATION	JOURNAL NAME	MONTH & YEAR OF PUBLICATION	VOL. No.	ISSUE No.	PAGE No.	ISSN / ISBN	Citation	Indexing
1.	Dr.M.Jayaraman	Performance of multi cylinder diesel engine fueled with mahua biodiesel using selective catalytic reduction (SCR) technique DOI: 10.1080/15567036.2018.1487489	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	June 2018	40	16	1910-1918	1556-7036	1	Google Scholar, Scopus
2.	Dr.M.Jayaraman	Mechanical properties of 7075-t6 aluminium alloy surface hybrid composites synthesized by friction stir processing DOI: 10.1504/IJRAPIDM.2019.097025	International journal of rapid manufacturing	January 2019	8	1/2	52-64	1757-8817	-	Google Scholar

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3.	Dr.M.Jayaraman	Study of the Microstructures and Mechanical properties of Aluminium hybrid composites with SiC and Al ₂ O ₃ DOI: 10.17222/mit.2018.118	Materiali in Tehnologije/Materials and technology	February 2019	53	1	49-55	1580-2949	-	Google Scholar, Scopus
4.	Mr.V.Mohankumar	Study on tribological and mechanical behaviour of AA 7075 hybrid reinforced composite	International Journal of Intellectual Advancements and Research in Engineering Computations	April 2019	7	2	2709-2715	2348-2079	-	Google Scholar
5.	Mr.R.Prakash	Analysis of Copper Pipe in Solar Water Heater using Ansys-Fluent	International Journal of Intellectual Advancements and Research in Engineering Computations	April 2019	7	2	2862-2868	2348-2079	-	Google Scholar

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6.	Dr.A.Thirumoorthy	Experimental investigation on mechanical properties of reinforced Al6061 composites and its prediction using KNN-ALO algorithms DOI: 10.1504/IJRAPIDM .2019.100498	Int. J. Rapid Manufacturing	April 2019	8	3	161 - 177	1757-8817	-	Google Scholar
7.	Dr.M.Jayaraman	Characterization of Y ₂ O ₃ particles reinforced AA6082 Aluminum matrix composites produced using friction stir processing	Materials Research Express	May 2019	6	8	1-9	2053-1591	-	Google Scholar, Scopus

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