

**VELALAR COLLEGE OF NENGINEERING & TECHNOLOGY-ERODE-12**  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**FACULTY JOURNAL PUBLICATION DETAILS**  
**ACADEMIC YEAR 2022-2023**

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.	G. Raja	Surface engineering of chromium films for augmenting bird striking performance of jet engine blades	Materials Testing	June 2022	64	6	884-892			
2.	V. Mohan Kumar & A. Manoj Kumar	Influence of rice husk fillers on mechanical properties of banana/epoxy natural fiber hybrid composites	Materials Today: Proceedings	September 2022	74	4	575-580			
3.	Dr. S. Velumani	Design and Development of a Low-Cost Handheld Vacuum Cleaner	International Journal of Trend in Scientific Research and Development (IJTSRD)	Nov Dec 2022	6	7	639-644	2456-6470		
4.	A.T. Navin Prasad & R. Prakash	A Review on materials and methods used to improve absorption and condensation on the solar desalination process	Journal of Advanced Mechanical Sciences (JAMS)	Dec 2022	1	4	114-124	2583-3790		

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5.	D. Senthil Kumar	Investigation of vegetable oil as dielectric fluid in electric discharge machining	Materials Today: Proceedings	March 2023						
6.	A.T. Navin Prasad Dr. R. Prakash Dr. R. Kumaravelan	An experimental study on the performance and emission characteristics of CI engines using bio-oil blends from Moringaoleifera	Materials Today: Proceedings	March 2023						