

DEPARTMENT OF MECHANICAL ENGINEERING

PAPER PUBLISHED YEAR 2024-2025

S.No	Faculty Authors	Paper title	Journal Name	Volume & Issue/ISSN No	Publish Month & Year	SCI/Scopus /UGC
1.	Dr. N. Tamiloli	Comparative study on end milling process with single end cutting.	IRJECT	2581-7795	Aug 2024	UGC
2.	Dr. N. Tamiloli	Study of coated milling using soft compute techniques.	IRJET	2581-7795	Aug 2024	UGC
3.	Dr. N. Tamiloli	Process Parameter Optimization For Friction Stir Welding Of Aa6061t6 Alloy Using Artificial Neural Networks.	Journal of the Balkan Tribological Association	13104772	September 2024	SCOPUS
4.	Dr M. Rajagopal	Industry 5.0 connecting humans and Technology for sustainable development	JSEE	16711793	OCT -24	SCOPUS
5.	Dr. Tamiloli.N	Design And Analysis Of Speed Breakers For Power Generation Using Ai And Ml Techniques	International journal of Progressive research in Engineering Management and Science	2583-1062	October 24	UGC
6.	Dr. N. Tamiloli	Function of solar energy in farming and recycling in Farming products	International journal of Progressive research in Engineering Management and Science	2583-1062	October 24	UGC

7.	Dr. N. Tamiloli	SUPPLIER SELECTION FOR HOSPITAL PHARMACY THROUGH ARTIFICIAL NEURAL NETWORK	OEIL RESEARCH JOURNAL	0029-862X) VOLUME 22	ISSUE 12 2024	SCOPUS
8.	Dr. Abhilash. V	Parameter Optimization and Studies on the Properties of Similar PTIG Welded AA6082 Aluminium Alloys	Taylor & Francis Group	978-1-032-90013-1	2024	SCOPUS
9.	Dr. N. Tamiloli	EXPERIMENTAL STUDY ON THE USE OF WASTE FOUNDRY SAND AND RECRON FIBRE IN REINFORCED CEMENT CONCRETE	IJPREMS	2583-1062	December 2024	UGC
10.	Dr. N. Tamiloli	Enhancing Graphics Rendering Techniques in the Development of a Complex DDA Line Drawing Application in C++	IJRPR	2582-7421	Vol (5), Issue (12), December (2024),	UGC
11.	Dr. N. Tamiloli	Analytical Study of Grubler's Criterion for Plane Mechanisms	International Journal of Scientific Research & Engineering Trends	2395-566X	Volume 10, Issue 6, Nov-Dec-2024	UGC
12.	Dr. N. Tamiloli	Comparative Study of Dda Algarthem, Bresenham's Line-Drawing Algorithm, Midpoint Circle Algorithm Using Python	International Journal of Scientific Research & Engineering Trends	2395-566X	Volume 10, Issue 6, Nov-Dec-2024	UGC
13.	Dr M. Rajagopal	REVIEW OF APPLICATIONS OF PHASE CHANGE MATERIAL FOR THERMAL ENERGY STORAGE	JOIREM	-	Volume: 10 Issue: 12 Dec-2024	UGC
14.	Dr M. Rajagopal	REVIEW OF APPLICATIONS OF PHASE CHANGE MATERIAL FOR FORTHERMAL ENERGY STORAGE	IJRPR	-	Volume: 10 Issue: 12 Dec-2024	UGC
15.	Mr. K.Vignesh	Flexural and Tensile Strength of Castor Oil-Based Polyurethane Composites Reinforced with Luffa Cylindrica Mats as a Sustainable Alternative to Oriented Strand Board	IJSREM	ISSN: 2582-3930 Volume: 09 Issue: 04	April - 2025	UGC
16.	Dr. M. Rajagopal	Review of Applications of Phase Change Materials for	International Journal of Science,	ISSN (Online): 2348-4098	Feb-2025	UGC

			Engineering and Technology			
17.	Dr. M. Rajagopal	Refrigeration and Air Conditioning	International Journal of Science, Engineering and Technology	ISSN (Online): 2348-4098	Feb-2025	UGC
18.	Dr. M. Rajagopal	Tools of Artificial Intelligence for Improving	International Journal of Science, Engineering and Technology	ISSN (Online): 2348-4098	Feb-2025	SCOPUS
19.	Mr. K.Vignesh	Interpersonal Skills of Higher Education Learners	ISJEM	ISSN: 2583-6129	April - 2025	UGC
20.	Mr. K.Vignesh	Machine Learning Algorithm for Optimising Comfort	ISJEM	ISSN: 2582-3930	April - 2025	UGC
21.	Dr. S. Mohamed Abbas	Characterization of basalt/bamboo fiber reinforced sea urchin testa derived chitin-toughened epoxy composite	Journal of the Australian Ceramic Society	https://doi.org/10.1007/s41779-025-01226-8	11 June 2025	Springer