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Department of Aeronautical Engineering

Publication Details

Academic Year – 2023 - 2024							
S. No	Author(s) name	Title of the Paper	Title of the Journal	Publications Details			Indexing (Scopus/SCI/WOS/ UGC/Others)
				Vol/ Issue	DOI/ Page. no	Year	
1.	Somaiah C A, Shailesh Rao, Sreelakshmi T, Yuvaraja Naik	Impact of welding parameters on diffusion, surface formation, temperature and tensile strength of Al 17Si Alloys	International journal of condition monitoring and diagnostic engineering management	Vol 26,	https://apscincedem.org/comadem/index.php/comadem/article/view/404	2023	Scopus

2.	Ram Vishal G, Dalbir Singh, Srikanth H. V	Characterization of 3D Orthogonal Woven Carbon/Kevlar Composite Under Tensile Loading	International Journal of Integrated Engineering	Engineering Vol. 15 No.	https://Doi. Org/10.30880/Ijie.2023.15.05.018.	2023	Scopus
3.	Rajadurai Murugesan, Srikanth Holalu, et al	Influence of Alloying Materials Al, Cu, and Ca on Microstructures, Mechanical Properties, And Corrosion Resistance of Mg Alloys for Industrial Applications: A Review	CS Omega 2023	37641–3 7653	https://doi.org/10.1021/acsomega.3c03417	2023	Scopus
4.	Siddalingappa PK, et al;	Study on a supercritical airfoil with variation in thickness for improved aerodynamic characteristics in transonic regime	Journal of Polymer & Composites	Volume 11 (Special Issue 13)	2321-2810	2023	WoS

5.	Ram Vishal G, et al;	Strength Investigation on Butt Welded Polymer Tubes	Journal of Polymer & Composites	Volume 11 (Special Issue 13)	2321-2810	2023	WoS
6.	Dr. Kousik Kumaar. R, et al;	Considerations on Fractured Edge Dislocations of Mechanical Tested Hand Laid Hemp Flax GFRP Hybrid Polymer Composites with SEM verifications	Journal of Polymer & Composites	Volume 11 (Special Issue 13)	https://journals.stmjournals.com/jopc/article=2024/view=133571	2023	WoS
7.	Sambhaji Lohre, Srikanth HV, Nanju Swamy.	Experimental investigation on impact resistance and energy absorption of multicell thin-walled glass fibre reinforced polymer composite	Journal of Polymer and Composites	Volume 11 (Special Issue 13)	2321–2810	2023	WoS

8.	Srikanth H V, et al;	Experimental Investigation on heat transfer characteristics of thermal barrier coating on aero engine components	Journal of Polymer and Composites	Volume 11 (Special Issue 13)	2321–2810	2023	WoS
9.	Vijay Ramarao Khawale, Venugopal Muniraju, et al;	Investigation on the Mechanical Properties and Strengthening Mechanisms of AA5052 by Cryogenic Rolling	Nano World Journal	Volume 9, Special Issue 13	2379-1101	2023	Scopus
10 .	Rahul B, et al;	Mechanical Characterization of Adhesive in Lap Joint Under Tensile Load	Journal of Polymer and Composites	Volume 11 (Special Issue 13)	2321–2810	2023	WoS
11 .	Rahul B, et al;	Injection Parameters Setting in High-Pressure Die Casting	Journal of Polymer and Composites	Volume 11 (Special Issue 13)	2321–2810	2023	WoS

12	Srikanth H V, Sharanappa Godiagur	Effects of nano additives on performance and emission characteristics of ci engine with mahua biodiesel and diesel blends as fuel	Journal of Polymer and Composites	Volume 11 (Special Issue 13)	2321–2810	2023	WoS
13	Dr. Kousik Kumaar. R et al.	Influence of the Load, Sliding Speed, and Weight Fractions on Wear of a Hybrid Aluminium Metal Matrix Composite	Journal of Polymer and Composites	Volume 11 (Special Issue 13)	https://journals.stmjournals.com/jopc/article=2024/view=143179	2023	WoS
14	Sambhaji Lore, et al;	Model analysis of 3D braided composite reinforced twisted spherical shell using 3d finite element method	Vibration Engineering and Technology of machinery	Volume- I Page no:473	https://link.springer.com/chapter/10.1007/978-981-99-4721-8_32	2023	Scopus

15	Abhishek T K, et al;	A new design and CFD analysis of UAV for military and other applications	Journal of Polymer and Composites	Volume 11 (Special Issue 13)	2321–2810	2023	WoS
16	Mr. Jini Raj. R	Aerodynamic Analysis of Bio-inspired Wing with Adaptive Aspect Ratio	Journal of Polymer and Composites	Volume 11 (Special Issue 13)	2321–2810	2023	WoS
17	Mr. Praveen N	Effect of carbon fiber on mechanical properties and corrosion behaviour of aluminium-6061 for aerospace applications	Journal of Polymer and Composites	Volume 11 (Special Issue 13)	2321–2810	2023	WoS
18	Dr. M. M. Venugopal	Taguchi Analysis for Wear Characteristics of Al6063 Alloy-Zirconium Silicate Composites	J. Inst. Eng. India Ser. D	-	https://doi.org/10.1007/s40033-024-00694-9	2024	Scopus

19 .	Dr. M. M. Venugopal	Experimental Investigation of Al6063 Alloy with Zirconium Silicate Composite	J. Inst. Eng. India Ser. D	-	https://doi.org/10.1007/s40033-024-00643-6	2024	Scopus
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20 .	Abhishek T K, H V Srikanth, Ramvishal, Venugopal M M	A Study of The Performance of Surface Modified NACA 2416 Airfoils at Various Angles of Attach at Re80000	Journal of Polymers and Composites	12 (2)	10.37591/JoPC3.	2024	WoS
21 .	Abhishek T K, H V Srikanth, Ramvishal, Venugopal M M	A Study of The Performance of Surface Modified NACA 2416 Airfoils at Various Angles of Attach at Re80000	Journal of Polymers and Composites	12 (2)	10.37591/JoC3.	2024	WoS