

K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE – 637 215 (Autonomous)

Department: Safety and Fire Engineering

Journal Publications

Academic year	Q1	Q2	Q3	Q4	Scopus/ WOS	Others	Total
2023-24	-	-	-	-	-	-	-
2022-23	-	-	1	1	1	-	-
2021-22	-	-	-	-	-	-	-
2020-21	-	1	1	3	2	-	-
2019-20	-	2	-	2	1	-	-
2018-19	-	3	1	-	2	-	-
2017-18	-	2	-	-	-	-	-
Total	-	8	3	6	6	-	-

Journal Publications Details

Sl. No	Title of the Paper	Name of the Author/s	Name of the Journal	Vol No, Issue No & pp	Year and Month of Publication	Category Q1/Q2/Q3/Q4	UGC Care list/ Scopus/Web of Science /other
2023-24							
1.	-	-	-	-	-	-	-
2022-23							
1.	Effect of NI and SI addition on electrical, tribological and corrosion behavior of novel Cu-Zn alloy	M. Prabu R.Saravanan, P. Suresh	Journal of Ceramic Processing Research Impact factor - 0.636	Vol 23 Issue No 4 pp.490~497	August 2022	Q3	Scopus
2.	Influences of Ag+LiAlO ₂ on mechanical and high temperature wear behavior of magnesium hybrid composites	M. Prabu T. Suresha, P. Sureshb	Digest Journal of Nanomaterials and Biostructures Impact factor – 0.899	Vol. 17 Issue No 3 pp. 731 - 740	September 2022	Q4	Scopus
3.	Multi Objective Optimization of Stir Casting Process Parameters using Technique for Order of Preference by Similarity to Ideal Solution (TOPSIS)	Vignesh P, Senthilkumar P, Seenivasan M	CHIANG MAI JOURNAL OF SCIENCE Impact factor – 0.507	Vol.49, Issue No6, 1663-1668	November 2022	Q4	Scopus
2021-22							
1.	-	-	-	-	-	-	-
2020-21							

1.	Optimization and Effect of load,sliding velocity ,and time on wear behaviour of AA8011-8 wt.% fly-ash composites	S.Magibalan C.Senthilkumar M.Prabu S.Yuvaraj AV Balan	Surface Topograpy : Metrology and Properties Impact factor – 2.185	Vol.8, Issue No4, 045022	November 2020	Q2	Scopus
2.	Multi-response optimization of AA8011 and 12 wt.-% fly-ash composites	S.Magibalan P.Senthilkumar C.Senthilkumar M Prabu	Materials Testing Impact factor – 2.528	Vol.62, Issue No5, 525-534	May 2020	Q2	Scopus
3.	Safety and Labour Management on Construction site	M Lakshmanan M Prabu S Magibalan P Senthilkumar	Journal of Xidian University Impact factor – 0.263	Vol.14, Issue No8, 1248-1260	2020	Q4	Scopus
4.	Hazard Management in Blast Furnance	S Raghul M Prabu S Magibalan P Senthilkumar	Journal of Xidian University Impact factor - 0.263	Vol.14, Issue No8, 138-1247	2020	Q4	Scopus
5.	Wear loss of stir cast aluminium alloy 8011	S Magibalan PS Kumar AV Balan N Shivasankaran SP Sankar	Materials Today : Proceedings Impact factor – 2.59	Vol.21 762-566	Jan 2020	Q3	Scopus

2019-20							
1.	Modeling of machining parameters for MRR and TWR in EDM characteristics on Al/10 wt.-% TiB2 composites	M Prabu S Magibalan C Senthilkumar R Palanivelu P Senthilkumar	Materials Testing Impact factor – 2.528	Vol.61, Issue No6, 559-566	June 2019	Q2	Scopus
2.	Risk assessment and safe handling practices while using asbestos in industries	MN Ameen M Prabu P Senthilkumar	International Journal of Advance Research, Ideas and Innovations in Technology Impact factor: 4.295	(Volume 5, Issue 3) Pp 814 - 817	2019	Q4	SCI
2018-19							
1.	Tribological behaviour of aluminium alloy 8011	S Magibalan P Senthilkumar C Senthilkumar M Prabu	NISCAIR- CSIR,India Impact factor – 0.76	Vol 26 (1) Pp 43-50	Feb 2019	Q3	SCI
2.	Synthesis and characterization of aluminium 7075-silicon carbide metal matrix composite	P Ravishankar S Magibalan R Ranjithkumar M Prabu	SYNTHESIS Impact factor: 2.6	Vol.1, Issue No4	November 2018	Q4	SCI
3.	Investigation On Electrode Vibration Behavior Of Maching Characteristics In Nano-Tic Mixed An Edm Maching Performance	R Boopathi S Sundaram C Senthilkumar M Prabu	Journal of the Balkan Tribological Association Impact factor – 0.142	Vol.24, Issue No3	Sep 2018	Q1	SCI

4.	Dry Sliding behavior of the aluminium alloy 8011 composite with 8% fly ash	S Magibalan P Senthilkumar C Senthilkumar A Nagar R Palanivelu	Materials Testing Impact factor – 2.528	Vol.60, Issue No7-8, 777-782	July 2018	Q2	Scopus
5.	Microstructure and mechanical properties of fly ash particulate reinforced AA8011 aluminium alloy composites	S Magibalan, P Senthilkumar, C Senthilkumar, A Nagar, R Palanivelu	Materials Testing Impact factor – 2.528	Vol.60, Issue No7-8, 765-771	July 2018	Q2	Scopus
2017-18							
1.	Noise reducing in glass manufacturing industry	M Prabu, M Gokulram, S Magibalan, P Senthilkumar, R Boopathi	J. Eng. Res Impact factor – 1.325	Vol,18, Issue pp33- 41	October 2018	Q4	SCI

2.	Dry sliding behavior of aluminium alloy 8011 with 12% fly ash composites	S Magibalan, P Senthilkumar, R Palanivelu, C Senthilkumar	Materials Research Express Impact factor – 2.025	Vol.5, Issue No5, 056505	May 2018	Q2	Scopus
3.	EFFECT OF PROCESS PARAMETERS ON MRR, EWR AND RA IN NANOPARTICLES MIXED EDM	R Boopathi, R Thanigaivelan, M Prabu	Research & Development in material Science Impact factor – 4.682	Vol.3, Issue No2, 032505	March 2018	Q3	SCI
4.	DRY SLIDING BEHAVIOR OF ALUMINIUM ALLOY 8011 WITH 4% FLY ASH	S Magibalan, P Senthilkumar, C Senthilkumar, R Palanivelu, M Prabu	Material Testing Impact factor – 2.528	Vol.60, Issue No2, 209-214	Feb 2018	Q2	Scopus
5.	STUDIES ON WEAR LOSS OF STIR CAST ALUMINIUM ALLOY 8011	S Magibalan, M Prabu, N Shivasankaran, AV Balan	Journal of Manufacturing Engineering Impact factor – 0.207	Vol.12, Issue No4, 231-234	Dec 2017	Q2	Scopus
6.	ALUMINIUM METAL MATRIX COMPOSITES–A REVIEW	S Magibalan, KP Senthil, P Vignesh, M Prabu, AV Balan, N Shivasankaran	Transactions on Advancements in Science and Technology (TASTONLINE) Impact factor – 1.1	Vol.4, Issue No 11,	Nov 2017	-	WoS / SCI

7.	Light Metal Composites By Using Aluminium Alloy Application–A Review	P Vignesh, P Senthil Kumar S Magibalan, K Perumal K Selvaraj	Journal of Emerging Technologies and Innovative Research (JETIR) Impact factor – 7.95	Vol.4, Issue No 11,	Nov 2017	-	WoS / SCI
8.	Aluminium metal matrix composite –A review	S Magibalan, KP Senthil, P Vignesh, M prabu, AV Balan	Transactions on advancements in science and technology (TASTONLINE) Impact factor – 1.1	Vol.1, pp1-6,	Sep 2017	Q3	SCI
9.	Hazard identification and risk assessment in automotive industry	R Ramesh, M Prabu, S Magibalan, P Senthilkumar	Inernational journal of chem. Tech research Impact factor – 0.819	Vol.10, Issue No4, 352-358	2017	Q3	Scopus
10.	Effect of machining characteristics of nano-TiC mixed dielectric fluids on inconel 718 in the EDM process	R Boopathi, S Sundaram, C Senthilkumar, M Prabu	Materials Testing Impact factor – 2.528	Vol.59, Issue No4, 402-408	March 2017	Q2	Scopus