

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

DEPARTMENT OF MECHANICAL ENGINEERING

Sl. No	Title of the Paper	Name of the Author/s	Name of Journal & Impact factor	Vol. No, Issue No. & pp	Year and Month of Publication	Category Q1/Q2/Q3/Q4	UGC Care list/Scopus/ Web of Science/Other , mention
(2022-2023)							
1.	Safety Management On Nuclear Power Plant	K. Naveen Raj C. Senthilkumar	International Journal Of Creative Research Thoughts (IJCRT) Impact Factor:7.97	ISSN:2320-2882, 11, p.no-254-260	May-23	-	Google scholar UGC care Group-I
2.	Design And Profile Improvement Of Two Wheeler Cooling Fins	Kowshikan S Loganathan D Mahendra Kumar R Maheshkumar M Mr.K.Venkateshwaran	Dogo Rangsang Research Journal Impact Factor:7.12	Vol 13, Issue-4, p.no:426-433	Apr 2023	-	UGC care Group-I
3.	3 Degree of freedom Robotic arm for Material handling process	Dr.P.Dhiravidamani J.Jagadesh R.Mohanaraja S.Nanthakumar R.Nikil	Dogo Ransang Research Journal Impact Factor:7.12	Vol-23, issue- ,4, p.no- 389-399	Apr-23	-	UGC care Group-I
4.	Air Quality monitoring in the Manufacturing plant	Dr.P.Dhiravidamani G.Gokul	Journal of Emerging technologies and innovative research Impact Factor:7.95	Volume 10, issue_ 4. p.no-24-31	Apr-23	-	Google scholar
5.	Issue of compliance with personal protective equipment among water	G. Mugil J. Venkatesh	Journal of emerging technologies and	Issue No: 4, Volume No: 10	Apr-23	-	Google scholar

	wastage workers		innovative research Impact Factor:7.95	p.no:660-666			
6.	Fabrication of Automatic Brake failure indicator and Engine cutoff	Dhayanithi R Dinesh P Dineshkumar M Elavarasan A P Rasagopal	Dogo Rangdang Research journal Impact Factor:7.12	Issue 4, Vol 13, Page no 450-454	Apr-23	-	UGC care Group-I
7.	Line of Fire Risk (Invisible Risk) Reduction	Dhakshinamoorthy woopu murali, S.P.Sankar	Journal of Emerging Technologies and Innovative Research Impact Factor:7.95	Issue 3 Vol.10, page no.615-623	Mar-23	-	Google scholar
8.	Characterization of New Natural Fiber from the Stem of Tithonia Diversifolia Plant	Manivel S Bhuvaneshwaran .M	Journal of Natural Fibers Impact Factor:3.507	Volume 20, Issue 1, 2167144 p.no:1-12	Feb 2023	SCI(Q1)	Scopus,
9.	Investigation and impact on air pollution on human health issue in urban area	Dr. P. Dhiravidamani K. Venkateshwaran P. Rajendran P. Saravanan	International Journal of Engineering Science and Computing Impact Factor:5.61	Volume 13, Issues No.2 p.no:29981-29984	Feb 2023	-	UGC care
10.	Characterization Studies on New Natural Cellulosic Fiber Extracted from the Stem of Ageratina Adenophora Plant	Manivel S Prabesh C Bhuvaneshwaran M	Journal of Natural Fibers Impact Factor:3.507	Volume 20, Issue 1, 2156019 p.no:1-12	Dec 2022	SCI(Q1)	Scopus
11.	Impact of alkali treatment and fiber length on mechanical properties of new agro waste Lagenaria Siceraria fiber reinforced epoxy	Saravanan N Sampath P S Sathish Kumar P Bhuvaneshwaran M	Journal of Natural Fibers Impact	Volume 19, Issue 13, Pages 6853-6864	Dec 2022	SCI(Q1)	Scopus

	composites		Factor:3.507				
12.	Mechanical and thermal properties of cotton-bamboo fabric/glass fiber epoxy composites	K.Chandrasekaran P. Shanmugam P.Senthilkumar	Polimery Impact Factor:1.528	Vol 67, No. 11-12(2022)	Nov 2022	SCI(Q4)	Scopus
13.	Experimental investigation and parametric optimization of stir casting process parameters for aluminium metal matrix composite	S Vinothkumar, P Senthilkumar	Journal of Ceramic Processing Research Impact Factor:0.636	Volume 23, Issue 4, Pages 546-552	Aug 2022	SCI(Q4)	Scopus