

MOHAMED SATHAK A J COLLEGE OF ENGINEERING

Department of Mechanical Engineering

Faculty Publication details (AY 2022-2023)

S.No	Name of the Authors	Title of the Paper/Book Chapter	Name of the Conference / Journal /Book	ISSN / ISBN No	Is it SCI / JCR Journal
1	L.Tharanikumar	Synthesization and characterization of silicon carbide and boron nitride-Reinforced Al-ZN-Mg Alloy Hybrid Nanocomposites using squeeze casting Method	International journal of Metal Casting	ISSN:1939-5981	scopus
2	Mr.S.R. Mohan	Evaluation of Wear Behavior of stir and Squeeze cast A356/SiC/Gr Hybrid Composite using Topsis Method	2nd International conference on Recent and Advanced Composite Materials	ICRACM080	NA
3	Dr. G.Ramesh, Mr.V.Vigneshwaran Mr.L.TharanuKumar	Design and Fabrication of Automatic Pneumatic Controlled Bar Feeding, Clamping and Cutting Attachment Using Arduino Microcontroller	Purakala	ISSN :0971-2143	UGC CARE JOURNAL
4	Dr.R.Senthilkumar Dr.G.Ramesh, Mr.V.Vignesh	Evaluation of mechanical and microstructural properties of aluminium AA7075/TiB2 in –situ aluminium metal matrix composites	Journal For Basic Sciences	ISSN :1006-8341	SCOPUS
5	Dr.S.Prasath	A Novel Approach to IOT -Based Solar Energy Measurement and monitoring model	Chemichal Bulletin	ISSN-2063-5346	SCOPUS
6	S.R.Mohan	Machine Learning approach for measuring water quality of coastline and estuaries in chennai coastal area	Wiley	ISSN-1613-6810	SCI & SCOPUS
7	Dr.Saravanan Annamalai	Bending and torsion performance study of plastic gears using FEA	Journal of Aeronautical Materials	ISSN-1005-5053	SCOPUS
8	Dr.G.Ramesh	Design and Fabrication of On Road Real Time E Car utilize to testing and implement the self driving car using AI Technology	Semi conductor optoelectronics	ISSN :1001-5868	SCOPUS
9	K.Sunil Kumar	Measurement of temperature flow analysis by condition monitoring system for WTG gear box to evaluate the thermal performance associated with plant load factor	Journal of Thermal Engineering	ISSN: 2148-7847	SCOPUS
10	Mr.L.Tharanikumar	Enhancing the microstructure and mechanical properties of Si3N4eBN strengthened AlZneMg alloy hybrid nano composites using vacuum assisted stir casting method	Journal of Materials Research and Technology	ISSN :2238-7854	SCOPUS