



DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR: 2017 – 2018

JOURNALS PUBLISHED

S.No	Authors Name	Name of the Paper	Name of the Journal	Published Year	Indexing
1	C. RAMESH C. MANICKAM T MARIDURAI V R ARUN PRAKASH	DRY SLIDING WEAR CHARACTERISTICS OF HEAT TREATED AND SURFACE MODIFIED HEMATITE PARTICLES-EPOXY PARTICULATE COMPOSITE	REVISTA ROMÂNĂ DE MATERIALE / ROMANIAN JOURNAL OF MATERIALS	2017	SCIE / SCOPUS
2	K. PALANISAMY P. C. MUKESH KUMAR	HEAT TRANSFER ENHANCEMENT AND PRESSURE DROP ANALYSIS OF A CONE HELICAL COILED TUBE HEAT EXCHANGER USING MWCNT/WATER NANOFLUID	JOURNAL OF APPLIED FLUID MECHANICS	2017	SCIE / SCOPUS
3	M. VIJAYAKUMAR P. C. MUKESH KUMAR	PERFORMANCE ENHANCEMENT AND EMISSIONS ANALYSIS OF DIESEL ENGINE WITH BIODIESEL, N-PROPANOL AND 1-BUTANOL BLEND	JOURNAL OF APPLIED FLUID MECHANIC	2018	SCIE/ SCOPUS

4	A. MANIKANDAN N. PARTHIPAN	FABRICATION OF METAL MATRIX COMPOSITE FOR BRAKE DRUM-A CHARACTERISTIC STUDY OF TRIBOLOGICAL PROPERTIES	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
5	R.R. KARTHI L. EMMANUAL	DESIGN AND ANALYSIS OF ROLLER SHAFTS FOR SUGAR CANE MILLS BY USING FEA TECHNIQUE WITH DIFFERENT PARAMETERS	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
6	S. NISHANTH S. G. ARULSELVAN	STUDY OF CORROSION BEHAVIOUR ON TIG AND FRICTION STIR WELDED JOINTS OF AA6061-T4	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
7	P. SUBRAMANI Dr.S. DHANABALAN	MULTI-PARAMETRIC OPTIMIZATION OF EDM PARAMETERS FOR HEXAGONAL PROFILE CU ELECTRODE TO MEASURE FORM TOLERANCE ON NI-BASED SUPER ALLOY	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
8	M. KARTHE R. MANIVEL	INVESTIGATIONS ON THE EMISSION CHARACTERISTICS OF DIESEL ENGINE BLENDE WITH JATROPHA OIL AND DI METHYL ETHER	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
9	R. MANIVEL M. KARTHE	A REVIEW OF ALUMINIUM ALLOY METAL MATRIX COMPOSITES AND ITS INDUSTRIAL APPLICATION	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS

10	T. KEERTHI VASAN K. KUMARAVEL	EXPERIMENTAL INVESTIGATION ON MECHANICAL PROPERTIES OF AISI 316L SS WELDMENT BY USING GTAW PROCESS	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
11	N. PARTHIPAN Dr.C. MANICKAM	MULTI OBJECTIVE OPTIMIZATION FOR DRILLING PROCESS STRESSES IN SS317 MATERIAL	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
12	T. NITHYANANDAM K. PALANISAMY	WETTABILITY ANALYSIS ON COPPER SUBSTRATE BY EMERY ABRASION AND COPPER NANO COATING	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
13	S. PADMAVATHY K. CHRISTAL	FABRICATION AND EVALUATION OF MECHANICAL BEHAVIOURS OF METAL MATRIX COMPOSITE FOR BRAKE DRUM	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
14	K. PALANISAMY T. NITHYANANDAM	EXPERIMENTAL INVESTIGATION ON CONVECTIVE HEAT TRANSFER AND PRESSURE DROP IN VERTICAL AND HORIZONTAL HELICALLY COILED TUBE HEAT EXCHANGER USING MWCNT/ WATER NANOFLUID	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
15	S.C. PRASANNA T. TAMILSELVAN	PREPARATION OF AL6061-SIC-BAGASSE ASH, S BY USING STIR CASTING METHOD EVALUATION MICROSTRUCTURAL, MECHANICAL PROPERTIES AND NUMERICAL ANALYSIS	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS

16	R. BALAMURUGAN R VIJAYAKUMAR	PERFORMANCE MEASURES, ANALYSIS AND IMPROVEMENTS IN HEALTHCARE SECTOR BY IMPLEMENTING TQM TOOLS AND TECHNIQUES	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
17	R. VIJAYAKUMAR R. BALAMURUGAN	STUDY THE COMPARISON OF WEAR CHARACTERIZATION AL6061/ RED SOIL AND AL6061/ GRANITE DUST BASED METAL MATRIX COMPOSITE MATERIAL	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
18	L. RAGUNATH D. VIGNESH	OPTIMIZATION OF WIRE-CUT EDM PROCESS PARAMETERS FOR SS304 USING DESIGN OF EXPERIMENT	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
19	S. RAJA NARAYANAN G. SATHYA MOORTHY	EXPERIMENTAL OPTIMIZATION ON DELAMINATION DURING FABRICATION OF GLARE FIBER METAL LAMINATES	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
20	K. RAJU S. JOTHIPRAKASH	INVESTIGATION ON MECHANICAL PROPERTIES OF HYBRID ALUMINIUM METAL MATRIX COMPOSITE REINFORCED SAWDUST ASH AND SIC	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
21	G. SATHYA MOORTHY S. RAJA NARAYANAN	EXPERIMENTAL ANALYSIS OF FAILURE IN JUTE-COIR FIBER REINFORCED COMPOSITES	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS

22	B. SIVARAMAN R. SIVAKUMAR	OPTIMIZATION OF GRINDING PARAMETERS IN AUSTENITIC STAINLESS STEEL AISI 317L USING TAGUCHI METHOD	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
23	T. TAMIL SELVAN S. C. PRASANNA	REVIEW ON THE EFFECT OF NANOFILLER ADDITION ON THE TECHNICAL PROPERTIES OF POLYMERS	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
24	R. VELAVAN C. VIGNESH	EXPERIMENTAL INVESTIGATION OF THE PERFORMANCE OF INTERNAL COMBUSTION ENGINE BY WATER/METHANOL INJECTION	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
25	D.VIGNESH L. RAGUNATH	INVESTIGATION ON PERFORMANCE AND EMISSION BEHAVIOUR OF A SINGLE CYLINDER DIESEL ENGINE FUELED WITH MIXTURE OF COCONUT OIL AND PONGAMIA OIL BIODIESEL BLENDS ALONG WITH DIESEL	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
26	C.VIGNESH R. VELAVAN	INVESTIGATION OF AL 5383 COMPOSITE WITH AL ₂ O ₃ AND GRAPHITE FOR MARINE APPLICATIONS	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
27	R. KARTHICK S. GOPALA KRISHNAN	CHARACTERIZATION OF PALMYRA FIBER AND POLYESTER RESINS COMPOSITE	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS

28	R. KIRUBAGHARAN A. NAVEENRAJ	SCHEDULING AND OPTIMISATION USING IN FLEXIBLE MANUFACTURING SYSTEM USING PETRINET TO INCREASE UTILISATION OF RESOURCE SYSTEM	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
29	S. SATHISHKUMAR N. NANDAKUMAR	PARAMETRIC OPTIMISATION OF WIRE EDM OF HEAT TREATED EN8 STEEL USING TAGUCHI TECHNIQUE	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
30	S.G. ARUL SELVAN S. NISHANTH	INVESTIGATION ON STARTUP OF A SMALL HORIZONTAL AXIS WIND TURBINE	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
31	K. CHRISTAL S. PADMAVATHY	FABRICATION AND EVALUATION OF MECHANICAL PROPERTIES OF BERMUDA GRASS ROOT FIBER/POLYESTER COMPOSITES	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
32	L. EMMANUAL R. KARTHI	THERMO GRAVIMETRIC ANALYSIS OF PHOENIX SP. FIBER	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
33	P. JOTHIPRAKASH K. RAJU	INVESTIGATION OF MACHINING PARAMETERS BY USING PVD COATED TIALN INSERT AND ALDURA COATED INSERT ON AISI D2 STEEL	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
34	P. BASKARAN A. NAVEENRAJ	EXPERIMENTAL STUDY ON A SPARK IGNITION ENGINE FUELLED WITH PETROL AND N-BUTANOL BLENDS	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS

35	K. SANDEEP KUMAR P. SUBRAMANI	HYBRID OPTIMIZATION OF WEDM PARAMETERS TO PREDICT THE INFLUENCE ON SURFACE ROUGHNESS AND CUTTING SPEED FOR NI-BASED INCONEL 600 WROUGHT SUPERALLOY	INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT	2018	SCOPUS
36	S. SAKTHIVELU P. P. SETHU SUNDARAN M. MEIGNANAN MOORTHY M. RAVICHANDRAN	SYNTHESIS OF METAL MATRIX COMPOSITES THROUGH STIR CASTING PROCESS – A REVIEW	MECHANICS AND MECHANICAL ENGINEERING	2018	SCOPUS
37	S. NANDHAKUMAR S. SATHISHKUMAR K. SAKTHIVELU	OPTIMIZATION OF MACHINING VARIABLES IN ELECTRIC DISCHARGE MACHINING USING STAINLESS STEEL 317 IN FULL FACTORIAL METHOD	MECHANICS AND MECHANICAL ENGINEERING	2018	SCOPUS
38	R. SHANMUGA PRAKASH S. NANDAKUMAR S. SATHISHKUMAR	OPTIMIZATION OF MACHINING PARAMETERS IN EDM USING SS 317 IN FULL FACTORIAL METHOD	INTERNATIONAL JOURNAL OF EMERGING TRENDS IN SCIENCE AND TECHNOLOGY	2018	GOOGLE SCHOLAR

Google Scholar	1
SCIE	3
Scopus	34
Total	38