

**E.G.S PILLAY ENGINEERING COLLEGE(AUTONOMOUS)**

**DEPARTMENT OF MECHANICAL ENGINEERING**

**JOURNAL PUBLICATION DETAILS**

2021-2022

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
1	Experimental Investigations on Mechanical Properties of AZ31/Eggshell Particle-Based Magnesium Composites	<b>N.Ramanujam</b> S.Muthukumaran, B.Nagesawara Rao, M.Ramarao, Amol.L.Mangrulkar, K.S.Ashraff ali, L.Pugazhendhi, Mebratu markos	Mech	Advances in Materials Science and Engineering	Jan-22	16878442	SCIE
2	Investigation of Damping Characteristics on Copper-Based Shape Memory Alloy Frictional Damper in Boring Process	<b>Chokalingam Singaravelu</b> Prasannavenkadesan varatharajan Ganesan Ramu Karthikeyan Alagappan	Mech	Arabian Journal for Science and Engineering	Dec-21	2191-4281	SCIE
3	On the Influence of Electrical Discharge Drilling Parameters and Performance Measures of Inconel 718 Superalloy - a Study	<b>Jayaraj Jeevamalar</b> Sundaresan Ramabalan Jayaraj Jancirani	Mech	MECHANIKA	Dec-21	1392-1207	SCIE
4	Modeling tensile modulus of nanoclay filled ethylene-propylene –diene monomer/styrene –butadiene rubber using composite theories	M. S. Ravi Theja, Naveen Kilari, S. Vishvanathperumal <b>V. Navaneethkrishnan</b>	Mech	Journal of Rubber Research	Jan-22	42464-021	SCI
5	Evaluation of shallow and deep neural networks for steel surface defect detection	<b>S.Krishnamohan</b> Rahul Vigneswaran <b>N.Ramanujam</b> <b>G.Sundaravadivel</b>	Mech	International Journal of mechanical engineering	Jan-22	0974-5823	SCOPUS
6	Visible Light Driven AL2O3,CuO and AL2 O3/CuO Nanocatalysts : Synthesis and Enhanced Photocatalytic Activity	A.Sridevi <b>S.Krishnamohan</b> M.Thairiyaraja B.Prakash R.Yokeshwaran	Mech	Inorganic Chemistry Communications	Dec-21	1387-7003	SCIE

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7	Slurry Erosion Behaviour Of Eco Friendly Surface Modified Pump casings Used in Coal Mines	G.Sundaravadivel S.Krishnamohan	Mech	Journal Of Environmental Protection and Ecology	Feb-22	152-162	SCIE
8	Advanced Multi Criteria Optimal Design of Spiral Bevel Gear Pair using NSGA – II	N.Godwin Raja Ebenezer S.Ramabalan S.Navaneethasanthakumar	Mech	Jordan Journal of Mechanical and Industrial Engineering	Mar-22	1995-6665	SCOPUS
9	Advanced power optimization of worm gear drive with profile shift using nature inspired algorithms	N.Godwin Raja Ebenezer S.Ramabalan S.Navaneethasanthakumar	Mech	International Journal of System Assurance Engineering and Management	<u>Aug-21</u>	429-438	SCOPUS
10	Optimal sizing and smart charging abilities of electric vehicle charging station by considering quality of service using hybrid technique	Velmurugan Palani Sunniah Gomathi Ponnupandian Aruna Vasanprabhu Veeramani Veeramani Manathunainathan	Mech	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	<u>11 Feb 2022.</u>	0.1080/15567036.2022.203287	SCIE
11	Influence of Nanoclay dispersion on Mechanical and Vibration Properties of E-Glass Fiber Reinforced IPN Composites	J.Jeevamalar S.Mohamed Abbas S.Bharanikumar S.D.Sekar C.M.Meenakshi G.Suresh	Mech	Recent Advances in Materials and Modern Manufacturing	May-22	978-981-19-0243-7	SCOPUS
12	Jute Fiber IPN Graphite Filled: An Experimental Investigation and Prediction of Water Behavior	J.Jeevamalar S.Mohamed Abbas S.Bharanikumar S.D.Sekar C.M.Meenakshi G.Suresh	Mech	Recent Advances in Materials and Modern Manufacturing	May-22	978-981-19-0244-4	SCOPUS