

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

DEPARTMENT OF MECHANICAL ENGINEERING

Journal Publications

Academic year	Q1	Q2	Q3	Q4	Scopus / WOS	Others	Total
2023-24	1	-	-	-	1	-	1
2022-23	4	-	-	2	6	8	13
2021-22	-	-	-	1	-	11	11
2020-21	1	3	1	-	-	5	10
2019-20	6	1	-	-	11	9	28
2018-19	1	4	3	1	3	3	16
2017-18	1	1		2	3	10	17
Total	14	9	4	6	24	46	96

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

JOURNAL PUBLICATIONS

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
(2023-2024)							
1	An Experimental Study on Drilling Behavior of Silane-Treated Cotton/Bamboo Woven Hybrid Fiber Reinforced Epoxy Polymer Composites	Karthik Aruchamy, Bhuvaneshwaran Mylsamy, Sathish Kumar Palaniappan, Sampath Pavayee Subramani, Thirumurugan Velayutham, Sanjay Mavinkere Rangappa and Suchart Siengchin	Polymers Impact Factor:4.967	Vol.15,issue 14, p.no- 1-15	Jul-23	SCI(Q1)	Scopus
(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,	Dogo Ransang Research Journal	Vol-23, issue- ,4, p.no- 389-399	Apr-23	-	UGC care Group-I

		S.Nanthakumar and R.Nikil	Impact Factor:7.12				
4.	Air Quality monitoring in the Manufacturing plant	Dr.P.Dhiravidamani and 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 wastage workers	G. Mugil, J. Venkatesh	Journal of emerging technologies and innovative research Impact Factor:7.95	Issue No: 4, Volume No: 10 p.no:660-666	Apr-23	-	Google scholar
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 composites	Saravanan N, Sampath P S, Sathish Kumar P, Bhuvaneshwaran M	Journal of Natural Fibers Impact Factor:3.507	Volume 19, Issue 13, Pages 6853-6864	Dec 2022	SCI(Q1)	Scopus,
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,
(2021-2022)							
1.	Design of Automatic Motor Bike Stand Slider	R. Barathkumaar, L. Deepan Raj, R. Kirubakaran, B.S. Kumaragurubaran,P. Pasupathi	International Journal of Engineering Science and Computing Impact Factor:5.61	Vol. 12, Issue 6, pg.no. 29612-29616	Jun-22	-	Other
2.	Fabrication and Analysis of Composition of Natural Coconut Fiber and Banana Fiber	S.P. Sankar, N.Gowtham, M. Hari Haran, I.R. Kalaiyaran	International Journal of Engineering Science and Computing Impact Factor:5.61	Vol. 12 , Issue 6, pg.no. 29608-29611	Jun-22	-	Other
3.	Fabrication of Pneumatic Bearing Press	M.Anbalakan, L. Sanjai, A. Santhosh,	International Journal of Engineering Science and	Vol. 12 , Issue 6, pg.no. 29617-	Jun-22	-	Other

		M. Suganthan, K. Tamilarasan	Computing Impact Factor:5.61	29619			
4.	Fabrication RF Controlled Beach Cleaner Robotic Vehicle	K. Venkateshwaran, S. Hari Prasad, M. Venakatapathi, N. Vijaya Kumar, R. Vishnu	International Journal of Engineering Science and Computing Impact Factor:5.61	Vol. 12 , Issue 6, pg.no. 29620- 29622	Jun-22	-	Other
5.	Plastic Waste Collecting Robot Using Worm Gear Mechanism	P. Saravanan, S. Gokulnath, D. Pugazhenthi, R. Sudarsanan	International Journal of Engineering Science and Computing Impact Factor:5.61	Vol. 12 , Issue 6, pg.no. 29600- 29605	Jun-22	-	Other
6.	Rough Terrain Vehicle Using Rocker Bogie Mechanism for Agriculture Pesticide Spraying System	P. Rajendran, M. Arunachaleswaran, S. Dhanushkavi, N. Santhosh, P. Santhosh,	International Journal of Engineering Science and Computing Impact Factor:5.61	Vol. 12 , Issue 6, pg.no. 29590- 29593	Jun-22	-	Other
7.	Water Cooling System by using Peltier	P. Jagadeesh, S. Harish, M.K. NawinesPravin M. Prakash, P. Sathiyaraj	International Journal of Engineering Science and Computing Impact Factor:5.61	Vol. 12 , Issue 6, pg.no. 2994- 29599	Jun-22	-	Other
8.	Meeting the Challenges of Safety Management in Wind Energy Industry	Dr .P. Dhiravidamani, R. Vigneshvaran	International Journal for Research in Applied Science & Engineering Technology Impact Factor:0.435	Vol. 10, Issue 5, pg. no. 692-694	May-22	-	Other
9.	Pneumatic Power Steering System	Dr .P. Dhiravidamani,	International Journal of Engineering	Vol. 12, Issue 5, pg. no. 29499-	May-22	-	Other

		A.V. Manoj, M. Mohan Kumar, S. Naveenkumar, V. Sree	Science and Computing Impact Factor:5.61	29502			
10.	Power Generation by Using Shock Absorber	Chandrasakaran, S. Aravindhkumar, S. Dharanikumar, G. Harish, R. Elangovan	International Journal of Engineering Science and Computing Impact Factor:5.61	Vol. 12 , Issue 6, pg.no. 29586- 29589	May-22	-	Other
11.	Influences of Ag+LiAlO ₂ on Mechanical and High Temperature Wear Behavior of Magnesium Hybrid Composites	T. Suresh P. Suresh M. Prabu	Digest Journal of Nanomaterials and Biostructures Impact Factor:0.899	Vol. 17 , No.3, P.No:731-740	Sep-22	SCI (Q4)	Other
(2020-2021)							
1.	Impact of alkali treatment and fiber length on mechanical properties of new agro waste Lagenaria Siceraria fiber reinforced epoxy composites	Saravanan Nagappan, P S Sampath P.Sathish Kumar M.Bhuvaneshwaran	Journal of Natural Fibers Impact Factor:2.622	Online published, https://doi.org/ 10.1080/15440478.2021.193268 1	Jun-21	SCI (Q1)	-
2.	Pollution Monitoring and Controlling using Internet of Things (IoT)	Hariharan M, Senthilkumar C	International Journal of Advance Research Ideas and Innovations In Technology Impact Factor:6.078	Vol. No. 7 & 1997	Jun-21	-	Other
3.	Mitigation of Work Related Musculoskeletal Disorders (WMSDs)	P. Ram kumar M. Prabu S. Magibalan T. Sureshkumar	Journal of Xidian University Impact Factor:0.16	Vol. 15, Issue 5, pg. no. 622 - 634	Jun-21	-	UGC Care
4.	Automatic Waste Segregation System	M. Anbalakan T. Siva	International Journal of Intellectual	Vol .8 issue 3	May-21	-	Other

		K. Srijith R. Srisurya N. Subramanian	Advancements and Research in Engineering Computations Impact Factor:0.543	P.No:1 -3			
5.	Hazard Identification and Risk Assessment in Textile Industry	P. Bharani kumar M. Prabu S. Magibalan T. Sureshkumar	Journal of Xidian University Impact Factor:0.16	Vol. 15, Issue 5, pg.no. 606 - 621	May-21	-	UGC Care
6.	Multi-response optimization of AA 8011 and 12 wt.-% fly ash composites	S Magibalan P Senthilkumar C Senthilkumar M Prabu	Materials Testing Impact Factor:0.799	Vol. 62, Issue 5, Pg. no. 525-533.	Feb-21	SCI (Q2)	-
7.	Experimental Assessment on the Impact of Cutouts on a Hollow Shaft System	G. SaravananR. VenkatachalamG.Nal Iakumarasamy	Materials Testing Impact Factor:0.799	Vol. 62, No. 11, pg.no. 1143-1146	Feb-21	SCI (Q2)	-
8.	Battery Drive Motorized Agriculture Weeder	M. Anbalakan L. Sabareesh M. Sabarimani D. Sabarinathan M. Sakthivel	International Journal of Intellectual Advancements and Research in Engineering Computations Impact Factor:0.543	Vol .8 issue 3	Sep-21	-	Other
9.	Experimental investigation on performance, combustion, and emission characteristics of diesel doped with green synthesized nano cerium oxide	M.Ramalingam V.Ramasamy P.Senthilkumar M.Subramaniam K.Muthusamy	Environmental Progress and Sustainable Energy Impact Factor:0.814	Vol. 15, Pg. No. 1-6.	Jul-20	SCI (Q3)	-
10.	An Experimental Investigation on Performance, Combustion and Emission Characteristics of Diesel Doped with Green Synthesized	R Magudieshwaran R Venkatachalam P Senthilkumar S Magibalan	Environmental Progress & Sustainable Energy Impact Factor:1.73	Vol. 40, issue 2, pg. No. 1-10.	Jul-20	SCI (Q2)	-

	Nano Cerium Oxide	M Kathirselvam					
(2019-2020)							
1.	Influence of FCAW Process Parameters in Super Duplex Stainless Steel Claddings	G. Sathish Kumar S. Saravanan A.V. Balan J. Oscar R. Ragunath M. Ramesh	Materials Today: Proceedings Impact Factor:2.59	Vol. 21,part 1 2020,issue 1, Pg no.63-65	Jun-20	-	Scopus
2.	Removal of Hydrogen Sulphide and Odour from Tannery & Textile Effluents	N. Shivasankaran A.V. Balan S.P. Sankar S. Magibalan C.M. Dinesh	Materials Today: Proceedings Impact Factor:0.576	Vol. 21, pg. No. 777-781.	Jun-20	-	Scopus
3.	Safety and Labour Management on Construction Site	M.Lakshmanan M.Prabu S.Magibalan P.Senthilkumar R.Boopathi	Journal of Xidian University Impact Factor:0.52	Vol. 14, Issue 8, pg.no. 1248-1260.	Jun-20	-	Scopus
4.	Hazard Management in Blast Furnance	S.Raghul M.Prabu S. Magibalan P.Senthil kumar T.Suresh kumar	Journal of Xidian University Impact Factor:0.52	Vol. 14, Issue 8, pg.no. 1238-1247.	Jun-20	-	Scopus
5.	Optimization of Wear Parameters for Aluminium 4% Fly-ash Composites	S Magibalan P Senthilkumar C Senthilkumar M Prabu	Indian Journal of Engineering and Materials Sciences Impact Factor:0.521	Vol. 27, issue 2, pg.no. 458-464.	Apr-20	SCI (Q3)	-
6.	A Study Surface Integrity of Aluminum Hybrid Composites During Milling Operation	P Rasagopal P Senthilkumar G Nallakumarasamy S Magibalan	Journal of Materials Research and Technology Impact Factor:6.267	Vol.9,issue 3,Pages-4884-4893	Apr-20	SCI (Q1)	-
7.	Child Rescue from Bore Well	S. Magibalan	International Journal	Vol.13 No.3, pg.	Apr-20	-	Other

		A. Mohanraj S. Navin N. Nirmal kumar C.V. Pranavsuresh	of ChemTech Research Impact Factor:0.47	No. 120-124			
8.	Design and Comparative Analysis of Automobile Chassis Using FEA	S. Durai R.M. Sanjaai S. Sanjaibabu S. Santhosh G. Sarath Kumar	International Journal of Research & Development in Technology Impact Factor:6.88	Vol. 13, Issue 3, pg.no. 31-36.	Mar-20	-	Other
9.	Effect of Blend Ratio on the Thermal Comfort Characteristics of Cotton/Bamboo Blended Fabrics	Karthik Aruchamy Sampath Pavayee Subramani Sathish Kumar Palaniappan Samir Kumar Pal Bhuvaneshwaran Mylsamy Vivekanandhan Chinnasamy	Journal of natural fibers Impact Factor:3.507	Vol. 19,issue 1, Pg no.105-114	Mar-20	SCI (Q1)	-
10.	Machine Learning in Optimization of Multi-Hole Drilling Using a Hybrid Combinatorial IGSA Algorithm	A. Karthikeyan A. Karthikeyan K. Venkatesh Raja	Concurrent Engineering Research and Applications Impact Factor:2.118	Vol. 28,issue 2	Mar-20	-	UGC Care
11.	Fabrication of Vehicle Accident Avoiding System in Bumber	Dr.P.Dhiravidamani P.Mathankumar S.Mohankumar P.Nanthagopal C.Nareshkumar	International Journal of Research & Development in Technology Impact Factor:6.88	Vol. 13, Issue 2, pg.no. 66-73	Feb-20	-	Other
12.	Particle Swaram Optimization to Solve Level Schedules in Mixed Model Assembly Line	R.Senthilkumar P.Dhiravidamani A.S.Ramkumar	Tierarztliche Praxis Impact Factor:0.388	Vol. 40, pg.no. 1234-1256	Feb-20	-	Other

		M.Chandrasekaran					
13.	Fabrication of Solar Agricultural Water Pumping System With Auto Tracking	K. Perumal E. Ranjithkumar P. Surya M. Nikil Kumar	International Journal for Research & Development in Technology Impact Factor:6.88	Vol.13, Issue 2, pg.no. 17-27.	Feb-20	-	Other
14.	Compressed Air Engine in Bike	Dr.P.Dhiravidamani P.Rajendran S.Muthumanikandan M.Potharaja S.Ragunath S.Rajkumar	International Journal of Research & Development in Technology Impact Factor:6.88	Vol. 13, Issue 2, pg.no. 74-75	Feb-20	-	Scopus
15.	Effect of Eco-Friendly Chemical Treatment on the Properties of Sesbania Rostrata Fiber	K Raja, P Senthilkumar, G Nallakumarasamy, T Natarajan	Journal of Natural Fibers Impact Factor:3.507	Volume 18, Issue 12, Pages 2241-2253	Feb-20	SCI(Q1)	Scopus,, Annexure
16.	Characterization on Thermal Properties of Glass Fiber and Kevlar Fiber With Modified Epoxy Hybrid Composites	Vivekanandhan Chinnasamy, Sampath Pavayee Subramani, Sathish Kumar Palaniappan, Bhuvaneshwaran Mylsamy, Karthik Aruchamy	Journal of Materials Research and Technology Impact Factor:5.28	Vol. 9, No. 3, pg. No. 3158-3167.	Jan-20	SCI (Q1)	-
17.	Experimental investigation on dynamic mechanical and thermal characteristics of Coccinia Indica fiber reinforced polyester composites	Balu Sethuraman Sampath Pavayee Subramani Sathish Kumar Palaniappan Bhuvaneshwaran Mylsamy Karthik Aruchamy	Journal of Engineered Fibers and Fabrics Impact Factor:0.814	Vol. 15, Pg. No. 1-6.	Jan-20	SCI (Q2)	-

18.	Design and Fabrication of Box Transfer Mechanism Through Kinematic Link	S.Rajaganapthy R.Balaji K.DineshKumar P.Buvanesh V.Athikesavan	International Journal for Research & Development in Technology Impact Factor:6.88	Vol. 13, Issue 1, pg.no. 69-78	Jan-20	-	Scopus
19.	A Review on Recent Progresses in Machining Methods Based on Abrasive Water Jet Machining	S. Saravanan V. Vijayan S.T. Jaya Suthahar A.V. Balan S. Sankar M. Ravichandran	Materials Today: Proceedings Impact Factor:0.576	Vol. 21, pg. No. 116-122	Jan-20	-	Scopus
20.	Electrochemical Machining Behaviour of AA6063-TiC Composites by Using Response Surface Methodology	S. Saravanan A.V. Balan S. Dinesh V. Vijayan	Materials Today: Proceedings Impact Factor:0.576	Vol. 21, pg. No. 592-594.	Jan-20	-	Scopus
21.	Exploration on Surface Roughness in Abrasive Water Jet Cutting of AA6063-TiC Composites for Vehicle Structural Applications	S. Saravanan V. Vijayan A.V. Balan T. Sathish A. Parthiban	International Journal of Vehicle Structures & Systems Impact Factor:0.38	Vol. 11, No. 4, pg.No. 417-421.	Jan-20	-	UGC Care
22.	Characterization, Corrosion Behavior, Effect of Temperature and Inhibition Studies on AA6351 Frictional Surfaced Mild Steel	M. Gnanasekaran K. Mohan A. Kumaravel S. Magibalan	Journal of Materials Research and Technology Impact Factor:5.28	Vol. 9, No. 3, pg. No. 4884-4893.	Nov-20	SCI (Q1)	-
23.	Effect of Surface Treatment on the Tribological Properties of Coccinia Indica Cellulosic Fiber Reinforced Polymer Composites	Bhuvaneshwaran Myilsamy Vivekanandhan Chinnasamy Sathish Kumar Palaniappan Sampath Pavayee Subramani Chandrasekar	Journal of Materials Research and Technology Impact Factor:5.28	Vol. 9, No. 6, pg. No. 16423-16434	Nov-20	-	Scopus

		Gopalsamy					
24.	Optimization and Effect of Load, Sliding Velocity, and Time on Wear Behavior of AA8011-8 wt.% Fly-ash Composites	S Magibalan C Senthilkumar M Prabu AV Balan	Surface Topography: Metrology and Properties Impact Factor:1.613	Vol. 8, Issue 4, pg.no. 45022	No2020	SCI (Q3)	-
25.	Dynamic Mechanical Analysis and Thermal Analysis of Untreated Coccinia Indica Fiber Composites	S. Balu P.S. Sampath M. Bhuvaneshwaran G. Chandrasekar A. Karthik S. Sagadevan S	Polimery/Polymers Impact Factor:1.06	Vol.55, No. 5, pg. No. 357-362.	Nov-20	-	UGC Care
26.	Analysis of Wear Parameters for AA6063-TiC Composites Using Taguchi Technique	Sekar Saravanan Manickam Ravichandran A V balan	Emerging Materials Research Impact Factor:2.2	Vol .9 issue 2	Sep-20	-	UGC Care
27.	Natural Cellulosic Fiber from Coccinia Indica Stem for Polymer Composites: Extraction and Characterization	Mylsamy Bhuvaneshwaran, Sampath Pavayee Subramani, Sathish Kumar Palaniappan, Samir Kumar Pal, Sethuraman Balu	Journal of Natural Fibers Impact Factor:3.73	Vol. 18, Issue 5, pg. No. 644-652.	Jul-19	SCI (Q1)	-
28.	Performance Analysis of Synthesized ZnO Nanoparticles Coated Photovoltaic Cell	B. Kirthika Sankar Sekar S. Saravanan N. Shivasankaran A.V. Balan M. Kalirajan	Materials Today: Proceedings Impact Factor:0.576	Vol. 21, pg. No. 511-513	Jul-19	-	Scopus
(2018-2019)							
1.	Modeling of Machining Parameters for Mrr and Twr in Edm	Muthusamy Prabu, Subramaniam Magibalan,	Materials Testing Impact Factor:0.521	Vol. 61, Issue 6, pg.no. 559-565	May-19	SCI (Q2)	-

	Characteristics on Al/10 Wt.-% TIB2 Composites	Chinnamuthu Senthilkumar, Rajagounder Palanivelu, Palanisamy Senthilkumar, Rajendran Boopathi					
2.	Physicochemical and Mechanical properties of natural Cellulosic fiber from Coccinia Indica and its epoxy composites	M. Bhuvaneshwaran, P. S. Sampath, S. Balu, S. Sagadevan	Polimery/Polymers Impact Factor:1.06	Vol.64, No. 10, pg. No. 656-664.	May-19	-	Scopus
3.	Noise Control using Waste Materials Reinforced Composites	R Magudieshwaran R Venkatachalam P Senthilkumar S Magibalan M Kathirselvam	Surface Topography: Metrology and Properties Impact Factor:0.133	Vol. 9, Issue 2, pg.no.	Apr-19	SCI (Q3)	-
4.	Fabrication of Two Wheeler Engine Cooling System using Peltier Plates	K. Selvaraj, S. Arunraj, R. Arunkumar, S. Ariharaprasath, I. Babu	South Asian Journal of Engineering and Technology Impact Factor:0.249	Vol. 8, Issue 2, pg.no. 351-354	Apr-19	-	Other
5.	Automatic Waste Collecting System at Public Transport	R. Barathkumar, N. Naveen, M. Naveen, S. Nandakumar, M.Y. Qudubuddeen	South Asian Journal of Engineering and Technology Impact Factor:0.93	Vol.8,No.2(2019)	Apr-19	-	Other
6.	Influence of Fiber Length, Fiber Content and Alkali Treatment on Mechanical Properties of Natural Fiber-Reinforced Epoxy Composites	M.Bhuvaneshwaran, P.S. Sampath, Suresh Sagadevan	Polimery Impact Factor:1.528	64,nr2	Feb-19	-	Scopus
7.	Innovative Characterization and Mechanical Properties of Natural Cellulosic Coccinia Indica Fiber	Bhuvaneshwaran Mylsamy, Sathish Kumar	Materials Testing Impact Factor:0.799	Vol.62, No. 1, pg. No. 1-7.	Dec-19	SCI (Q2)	-

	And Its Composites	Palaniappan, Sampath Pavayee Subramani, Samir Kumar Pal, Balu Sethuraman					
8.	Synthesis and Abrasive Wear Performance of Stir Cast AA6063-Tic Composite Materials	S. Saravanan, M. Ravichandran, A. V. Balan, P. Senthilkumar	SN Applied Sciences Impact Factor:2.88	1, Article number: 1585 (2019)	Nov-19	-	UGC Care
9.	Noise Control using Waste Materials Reinforced Composites	A.V.Balan, N.Sivasankaran	London Journal of Research in Science: Natural and Formal Impact Factor:0.133	Vol. 9, Issue 2, pg.no.47 to 54	Nov-19	SCI (Q4)	-
10.	Impact of Nanoclay on Mechanical and Structural Properties of Treated Coccinia Indica Fibre Reinforced Epoxy Composites	Bhuvaneshwaran Mylsamy, Sathish Kumar Palaniappan, Sampath Pavayee Subiramani, Samir Kumar Pal, Karthik Aruchamy	Journal of Materials Research and Technology Impact Factor:5.28	Vol. 8, No. 6, pg. No. 6021-6028.	Sep-19	SCI (Q1)	-
11.	Effect of Al ₂ O ₃ , Aluminium Alloy and Fly Ash for Making Engine Component	Antony, S.Bakar, V.Vijayan, S.Saravanan, A.V. Balan, A.Godwin	International Journal of Mechanical Engineering and Technology Impact Factor:0.293	Vol. 9, Issue 12, Pg. no. 91-96	Dec-18	-	Scopus
12.	Wire electrical discharge machining of AA6063-TiC particle reinforced metal matrix composites using Taguchi method	S.Saravanan,Dr. P.Senthilkumar,M.Ravichandran, Dr.N.Sivasankaran	Materials Research Express Impact Factor:2.025	Vol.5,No 10	Aug-18	SCI (Q4)	-
13.	Tribological Behaviour of Aluminium Alloy 8011	S. Magibalan, P. Senthilkumar, C. Senthilkumar,	Indian Journal of Engineering &	Vol. 26, pg. no. 43-50.	Jul-18	SCI (Q3)	-

		M. Prabu	Materials Sciences Impact Factor:0.794				
14.	Microstructure and mechanical properties of fly ash particulate reinforced AA8011 aluminum alloy composites	S.Magibalan, P. Senthilkumar, C.Senthilkumar, R. Palanivelu, M.Prabu	Materials Testing Impact Factor:0.521	Vol. 60, Issue 7-8, pg .no. 765-770	Jul-18	SCI (Q2)	-
15.	Tribological behaviour of aluminium alloy 8011	S.Magibalan, Dr.P.Senthilkumar, C.Senthilkumar, Dr.M.Prabu	Indian Journal of Engineering & Materials Sciences Impact Factor:0.794	Vol. 26, pg. no. 43-50.	Jul-18	SCI (Q3)	-
16.	Dry sliding behavior of the aluminum alloy 8011 composite with 8 % fly ash.	Mr.S.Magibalan, Dr.P.Senthilkumar, C.Senthilkumar, R.Palanivelu Dr.M.Prabu	Materials Testing Impact Factor:0.521	Vol. 60, Issue 7-8, pg.no. 777-781	Jul-18	SCI (Q2)	-
(2017-2018)							
1.	Parametric optimization of abrasive water jet cutting for AA6063-3 wt. % TiC composites	S.Saravanan, A.V.Balan, N.Siva sankaran, N.Nithin Nanda	Journal of Mechanical and Civil Engineering Impact Factor:0.26	Vol.1, Issue 1, pg. No. 23-31.	May-18	-	Scopus
2.	Design and Analysis of Abrasive Machine for Surface Rust and Dust Removal.	P.Dhiravidamani, N.Muthu Kumar, R.Dhineshkumar, A.T.Naveenkumar	International Journal of Innovative Technology and Exploring Engineering. Impact Factor:5.662	Vol.7,issue7, Pg No:10-12	Apr-18	-	Other
3.	Dry Sliding Behavior of Aluminum Alloy 8011 with 12 % Fly Ash Composites.	S. Magibalan, P. Senthilkumar, R. Palanivelu,	Materials Research Express.	Vol. 5, No. 5,	Apr-18	SCI (Q4)	-

		C.Senthilkumar, N.Shivasankaran, M. Prabu	Impact Factor:2.025				
4.	Vertical Axis Wind Mill Power Generation	M.Karthick, A.Iyappan, N.Haribalakrishnan, V.Janahan, K.Kabil dev	International Journal of Science and Engineering. Impact Factor:4.2	Vol. 1, Issue 1, pg.no. 125-128.	Apr-18	-	Other
5.	Design And Fabrication Of Spring Conveyor For A CNC Turning Machine	P. Dhiravidamani, P. Gokul, M. Gowtham, E. Gunasekar	International Journal of Science and Engineering Impact Factor:7.155	Vol.1,issue 1, Pg no.60-63	Apr-18	-	Other
6.	Automatic Speed Breaker Control System By Using PIC Controller.	T.Sureshkumar, V.Thilipkumar, S.Venkatesh, S.Vignesh, V.Vignesh	Journal of Emerging Technologies and Innovative Research. Impact Factor:7.95	Vol.5, Issue 4, pg.no. 479-482.	Apr-18	-	Other
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11.	Dry sliding behavior of aluminum alloy 8011 with 4 % fly ash	S.Magibalan, P. Senthilkumar, C. Senthikumar, R. Palaivelu, M. Prabu	Materials testing Impact Factor:0.521	Vol. 60, issue 2. Pg.no. 209-213.	Feb-18	SCI (Q2)	-
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17.	Implementation of lean manufacturing and lean audit system in an auto parts manufacturing industryâ€“an industrial case study	P.Dhiravidamani , A.S.Ramkumar , S.G.Ponnambalam , N.Subramanian	International Journal of Computer Integrated Manufacturing Impact Factor:4.42	Vol. 31,Pages.579- 594	Jul-17	SCI (Q1)	-