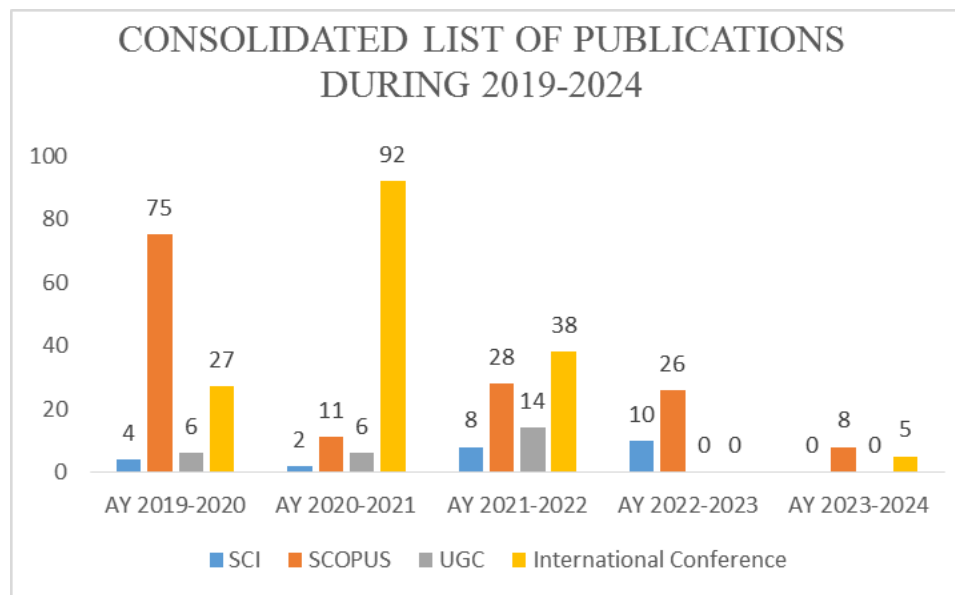




## Department of Marine Engineering

<b>CONSOLIDATED LIST OF PUBLICATIONS DURING 2019-2024</b>						
		<b>Journal</b>				
	<b>ACADEMIC YEAR</b>	<b>SCI</b>	<b>SCOPUS</b>	<b>UGC</b>	<b>International Conference</b>	<b>TOTAL</b>
	<b>AY 2019-2020</b>	<b>4</b>	<b>75</b>	<b>6</b>	<b>27</b>	<b>112</b>
	<b>AY 2020-2021</b>	<b>2</b>	<b>11</b>	<b>6</b>	<b>92</b>	<b>111</b>
	<b>AY 2021-2022</b>	<b>8</b>	<b>28</b>	<b>14</b>	<b>38</b>	<b>88</b>
	<b>AY 2022-2023</b>	<b>10</b>	<b>26</b>	<b>0</b>	<b>0</b>	<b>36</b>
	<b>AY 2023-2024</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>5</b>	<b>13</b>





## Department of Marine Engineering

### List of Publications AY 2023-2024

S. No	Name of the Faculty	Title of the Article	Name of the Journal	Volume /Issue / journal	Year	Indexing	Impact Factor	Link
1	Dr.A.Suresh	Energy harvesting through piezoelectric technology	Materials Today		Jul-23	Scopus	26.9	
2	Dr.J.Ananth	Studying the STA effects on aluminium alloy joints by friction welding	Physica Scripta IOP Science	98(10)	Sep-23	Scopus	3.08	<a href="https://doi.org/10.1088/1402-4896/acf80d">DOI: 10.1088/1402-4896/acf80d</a>
3	Dr.V.Sridevi	Direct Torque Controlled Induction Motor Drive for Electric Vehicles Application	IEEE 2023 8th International Conference on Communication and Electronics Systems (ICCES)		Aug-23	Scopus	0.6	<a href="https://ieeexplore.ieee.org/document/10192731">https://ieeexplore.ieee.org/document/10192731</a>
4	Dr.V.Sridevi	Voltage Regulation in the Grid using Static Synchronous Compensator and IoT Monitoring	IEEE 2023 4th International Conference on Electronics and		Aug-23	Scopus	0.6	<a href="https://ieeexplore.ieee.org/document/10192950">https://ieeexplore.ieee.org/document/10192950</a>



## Department of Marine Engineering

			Sustainable Communication Systems, ICESC 2023 - Proceedings					
5	Dr.V.Sridevi	Smart Control of Solar-Powered Zeta Converter using Sliding Mode Technique and IoT	<u>IEEE 2023 4th International Conference on Electronics and Sustainable Communication Systems (ICESC)</u>		Aug-23	Scopus	0.6	<a href="https://ieeexplore.ieee.org/document/10193482">https://ieeexplore.ieee.org/document/10193482</a>
6	Dr.K.Gowrishankar	A Novel SVM and K-NN Classifier Based Machine Learning Technique for Epileptic Seizure Detection	International journal of online and biomedical engineering	Vol. 19, No. 07	Jun-23	Scopus	0.6	<a href="https://online-journals.org/index.php/i-joe/article/view/37881/13369">https://online-journals.org/index.php/i-joe/article/view/37881/13369</a>
7	Dr.K.Gowrishankar	Detection of Early Fault in Power Electronic Converters through Machine Learning and Data Mining Techniques	<u>IEEE 2023 Third International Conference on Artificial Intelligence and Smart</u>		Mar-23	Scopus	0.6	<a href="https://ieeexplore.ieee.org/document/10073820">https://ieeexplore.ieee.org/document/10073820</a>



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## Department of Marine Engineering

			<u>Energy (ICAIS)</u>					
8	Dr.V.Rajeswari	Voltage Stability Analysis for Distribution Network Using STATCOM	<u>Lecture Notes in Networks and Systemsthis link is disabled.</u>	606, pp. 623–629	2023	Scopus	0.54	<a href="https://link.springer.com/chapter/10.1007/978-981-19-8563-8_60#author-information">https://link.springer.com/chapter/10.1007/978-981-19-8563-8_60#author-information</a>

### List of Publications AY 2022-2023

S. No	Name of the Faculty	Title of the Article	Name of the Journal	Volume /Issue / journal	Year	Indexing	Impact Factor	Link
1	Dr.S.Prabakaran	Efficiency of Ferritin bio-nanomaterial in reducing the pollutants level of water in the underground corridors of metro rail using GIS	Scientific Reports	Vol.12	2022	SCI	5.7	<a href="https://www.nature.com/articles/s41598-022-24626-3">https://www.nature.com/articles/s41598-022-24626-3</a>



## Department of Marine Engineering

2	Dr.S.Prabakaran	Experimental investigation on surface morphology and recasting layer of Si <sub>3</sub> N <sub>4</sub> -TiN composites machined by die-sinking and rotary EDM	Ceramics International	Vol.49, No.5	2022	SCIE	5.532	<a href="https://www.sciencedirect.com/science/article/pii/S0272884222039931">https://www.sciencedirect.com/science/article/pii/S0272884222039931</a>
3	Ms.R.Dorothy	Clay Supported Titanium Dioxide Nanocomposites as Photocatalysts	Nanocomposites, Taylor & Francis	ISBN: 9781003314479	2022	Scopus	5.4	<a href="https://www.taylorfrancis.com/chapters/edit/10.1201/9781003314479-14/">https://www.taylorfrancis.com/chapters/edit/10.1201/9781003314479-14/</a>
4	Ms.R.Dorothy	Use of Nanocomposites as Photocatalysts	Nanocomposites, Taylor & Francis	ISBN: 9781003314479	2022	Scopus	5.4	<a href="https://www.taylorfrancis.com/chapters/edit/10.1201/9781003314479-13/">taylorfrancis.com/chapters/edit/10.1201/9781003314479-13/</a>
5	Dr.J.Ananth	Design and experimentation on domestic solar water heaters using kenics twist inserts	Journal of Thermal Analysis and Calorimetry	Vol.148	2022	SCI	4.75	<a href="https://link.springer.com/article/10.1007/s10973-022-11814-6">https://link.springer.com/article/10.1007/s10973-022-11814-6</a>
6	Mr.D.Kumaravel	Investigation on the properties of multiwall carbon nanotube - graphene and fullerene- reinforced hot-extruded AA7075 Matrix composites	Journal of Nanomaterials	Vol. 2022	2022	Scopus	4.7	<a href="https://downloads.hindawi.com/journals/jnm/2022/9419771.pdf">https://downloads.hindawi.com/journals/jnm/2022/9419771.pdf</a>
7	Dr.A.Thanikasalam	Extraction of novel biosilica from finger millet husk and its coconut rachilla-reinforced epoxy biocomposite: mechanical, thermal, and hydrophobic behaviour	Biomass Conversion and Bio refinery, Springer	Vol.2022	2022	SCI	4.5	<a href="https://link.springer.com/article/10.1007/s13399-022-03342-y">https://link.springer.com/article/10.1007/s13399-022-03342-y</a>
8	Ms.R.Dorothy	An Insight into Anticancer Effect of Propolis and Its Constituents: A Review of Molecular Mechanisms	Evidence-based Complementary and Alternative Medicine	Vol.2022	2022	SCIE	3	<a href="https://pubmed.ncbi.nlm.nih.gov/35754701/">https://pubmed.ncbi.nlm.nih.gov/35754701/</a>



## Department of Marine Engineering

9	Dr.A.Thanikasalam	The Influence of Chemically Treated Hemp Fibre on the Mechanical Behavior and Thermal Properties of Polylactic Acid Made with FDM	Advances in Materials Science and Engineering, Hindawi	Vol. 2022	2022	SCI	2.8	<a href="https://www.hindawi.com/journals/amse/2022/6953136/">https://www.hindawi.com/journals/amse/2022/6953136/</a>
10	Mr.D.Kumaravel	Investigation on Wear and Corrosion Behavior of Cu, Zn, and Ni Coated Corten Steel	Advances in Materials Science and Engineering, Hindawi	Vol.2022	2022	SCI	2.8	<a href="https://downloads.hindawi.com/journals/amse/2022/7341201.pdf">https://downloads.hindawi.com/journals/amse/2022/7341201.pdf</a>
11	Dr.K.Gowrishankar	Optimal Design of Damping Control of Oscillations in Power System Using Power System Stabilizers with Novel Improved BBO Algorithm	Indonesian Journal of Electrical Engineering and Informatics	Vol.10, No.4	2022	Scopus	2.4	<a href="http://section.iaesonline.com/index.php/IJEEI/article/view/4269">http://section.iaesonline.com/index.php/IJEEI/article/view/4269</a>
12	Mr.R.Sundar	Internet of Things-Based Intelligent Ontology Model for Safety Purpose Using Wireless Networks	Wireless Communications and Mobile Computing	Vol. 2022	2022	SCIE	2.336	<a href="https://www.hindawi.com/journals/wcmc/2022/1342966/">https://www.hindawi.com/journals/wcmc/2022/1342966/</a>
13	Ms.Tamil Pavai	Nomadic people optimisation based Bi-LSTM for detection and tracking of tropical cyclone	Journal of Earth System Science	Vol.132	2023	SCIE	1.912	<a href="https://link.springer.com/article/10.1007/s12040-022-02028-3">https://link.springer.com/article/10.1007/s12040-022-02028-3</a>
14	Dr.A.Thanikasalam	Materials Engineering and Technology - Mechanical Properties and Deformation Mechanisms	Emerging Trends in Engineering and Management	ISBN: 978-93-91697-04-4	2022		1.8	
15	Dr.A.Suresh	Smart Machine Work Station Monitoring using PLC, HMI and ZIGBEE	Neuroquantology	Vol.20, No.15	2022	Scopus	1.58	<a href="https://www.neuroquantology.com/data-cms/articles/20221101025539pmNQ88074.pdf">https://www.neuroquantology.com/data-cms/articles/20221101025539pmNQ88074.pdf</a>



## Department of Marine Engineering

16	Ms.R.Dorothy	Investigation of Various Modulation Techniques Strategies for T-Type Inverter-fed Renewable Source	Neuroquanta logy	Vol.20, No.11	2022	Scopus	1.58	<a href="https://www.neuroquantology.com/data-cms/articles/20221022040911pmNQ66633.pdf">https://www.neuroquantology.com/data-cms/articles/20221022040911pmNQ66633.pdf</a>
17	Dr.V.Sridevi	Smart Machine Work Station Monitoring using PLC, HMI and ZIGBEE	Neuroquanta logy	Vol.20, No.15	2022	Scopus	1.58	<a href="https://www.neuroquantology.com/data-cms/articles/20221101025539pmNQ88074.pdf">https://www.neuroquantology.com/data-cms/articles/20221101025539pmNQ88074.pdf</a>
18	Dr.P.Sivaperumal	Investigation of Various Modulation Techniques Strategies for T-Type Inverter-fed Renewable Source	Neuroquanta logy	Vol.20, No.11	2022	Scopus	1.58	<a href="https://www.neuroquantology.com/data-cms/articles/20221022040911pmNQ66633.pdf">https://www.neuroquantology.com/data-cms/articles/20221022040911pmNQ66633.pdf</a>
19	Dr.S.Satish kumar	Investigation of Various Modulation Techniques Strategies for T-Type Inverter-fed Renewable Source	Neuroquanta logy	Vol.20, No.11	2022	Scopus	1.58	<a href="https://www.neuroquantology.com/data-cms/articles/20221022040911pmNQ66633.pdf">https://www.neuroquantology.com/data-cms/articles/20221022040911pmNQ66633.pdf</a>
20	Dr.D.Madesh	Optimization of process parameters in turning operation using CNT based minimum quantity lubrication (MQL)	Materials Today: Proceedings, Elsevier	Vol.72	2022	Scopus	1.46	
21	Dr.D.Madesh	Optimization of process parameters in turning operation using CNT based minimum quantity lubrication (MQL)	Materials Today: Proceedings, Elsevier	Vol.72	2022	Scopus	1.46	
22	Mr.K.Stalin	Artificial intelligence to predict kerf width during CO2 laser cutting of mild steel	Materials Today: Proceedings, Elsevier	Vol.72	2022	Scopus	1.46	<a href="https://www.researchgate.net/publication/364179147">https://www.researchgate.net/publication/364179147</a>





## Department of Marine Engineering

23	Mr.K.Stalin	Utilization of back propagation algorithms in the neural network-based determination of responses for face milling in magnesium alloy	Materials Today: Proceedings, Elsevier	Vol.68, No.6	2022	Scopus	1.46	<a href="https://www.sciencedirect.com/science/article/pii/S2214785322057236">https://www.sciencedirect.com/science/article/pii/S2214785322057236</a>
24	Mr.K.Stalin	Prediction of friction stir welding in aluminium 6061 – T6 using ANN	Materials Today: Proceedings, Elsevier	Vol.68, No.6	2022	Scopus	1.46	<a href="https://www.sciencedirect.com/science/article/pii/S2214785322058564">https://www.sciencedirect.com/science/article/pii/S2214785322058564</a>
25	Dr.S.Prabakaran	Continuous Wave Fibre Laser Welding of AISI Stainless Steel SS 410 and Mild Steel	International Journal of Vehicle Structures and Systems	-	2022	Scopus	1.2	
26	Mr.M.Balakumaran	Continuous Wave Fibre Laser Welding of AISI Stainless Steel SS 410 and Mild Steel	International Journal of Vehicle Structures and Systems	-	2022	Scopus	1.2	
27	Dr.K.Komathy	Ballast Water Quality Compliance Monitoring Using IoT	Advances in Intelligent Systems and Computing	Vol. 943	2022	Scopus	0.626	<a href="https://link.springer.com/chapter/10.1007/978-981-13-7166-0_44">https://link.springer.com/chapter/10.1007/978-981-13-7166-0_44</a>
28	Dr.K.Komathy	Prediction of Marine Water Quality Index Using a Stacked Classifier under Machine Learning Architecture	Nature Environment and Pollution Technology	Vol.21	2022	Scopus	0.6	<a href="https://neptjournal.com/upload-images/(15)B-3928.pdf">https://neptjournal.com/upload-images/(15)B-3928.pdf</a>
29	Dr.K.Komathy	Machine Learning to Detect the Toxicity of Web Textual Contents Against Gender-Based Cyber offenses	Lecture Notes in Networks and Systems, Springer	Vol.579	2022	Scopus	0.6	<a href="https://link.springer.com/chapter/10.1007/978-981-16-0739-4_82">https://link.springer.com/chapter/10.1007/978-981-16-0739-4_82</a>





## Department of Marine Engineering

30	Dr.A.Thanikasalam	Optimization of drilling process parameters on epoxy matrix hybrid composite laminate reinforced with glass fibre/stainless steel wire mesh	AIP Conference Proceedings		2023	Scopus	0.41	
31	Dr.A.Thanikasalam	Thermo-gravimetric analysis on stainless steel mesh wire/glass fibre strengthened epoxy matrix hybrid composite laminate	AIP Conference Proceedings		2023	Scopus	0.41	
32	Dr.R.Rajavel	Enhancement of Heat Transfer in Solar Dehydrator for Agriculture Products	Springer Proceedings in Materials	Vol.15	2022	Scopus	0.402	<a href="https://link.springer.com/chapter/10.1007/978-981-19-2572-6_3">https://link.springer.com/chapter/10.1007/978-981-19-2572-6_3</a>
33	Dr.Edison Chandraseelan	Assessment of Suitability of Harten's Total Variation Diminishing Scheme for Hypersonic Flow Problems	AIP Conference Proceedings	Vol.2516, No.1	2022	Scopus	0.4	<a href="https://aip.scitation.org/doi/abs/10.1063/5.0109204">https://aip.scitation.org/doi/abs/10.1063/5.0109204</a>
34	Dr.K.Komathy	Review of Tracking Visual Objects in Motion	Journal of Pharmaceutical Negative Results	Vol.13, No.6	2022	ESCI	0.13	<a href="https://www.pnrjournal.com/index.php/home/article/view/2242">https://www.pnrjournal.com/index.php/home/article/view/2242</a>
35	Dr.V.Sridevi	Random forest-based method for photovoltaic systems based maximum power point tracking	AIP Conference Proceedings his link is disabled	Vol. 2519, No 1	Oct-22	Scopus		<a href="https://pubs.aip.org/aip/acp/article-abstract/2519/1/030016/2828185/Random-forest-based-method-for-photovoltaic?redirectedFrom=fulltext">https://pubs.aip.org/aip/acp/article-abstract/2519/1/030016/2828185/Random-forest-based-method-for-photovoltaic?redirectedFrom=fulltext</a>
36	M.P.Satish khanna	An Optimization of Power Quality Development Using ANFIS Controller based Custom Devices	PERIODIC O di MINERALOGIA	Vol 91, No. 5,	2022	Scopus		<a href="https://periodicodimineralogia.it/wp-content/uploads/2022/10/202291570.pdf">https://periodicodimineralogia.it/wp-content/uploads/2022/10/202291570.pdf</a>



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Department of Marine Engineering



## Department of Marine Engineering

### List of Publications AY 2021-2022

S. No	Name of the Faculty	Title of the Article	Name of the Journal	Volume /Issue / journal	Year	Indexing	Impact Factor	Link
1	Dr.A.Thanikasalam	<u>Experimental analysis on drilling of super duplex stainless steel 2507 (SDSS 2507) using cryogenic LCO2 and MQL process</u>	Biomass Conversion and Biorefinery, Springer	Vol.149	2022	SCIE	4.05	<a href="https://link.springer.com/article/10.1007/s13399-022-02536-8">https://link.springer.com/article/10.1007/s13399-022-02536-8</a>
2	Mr.M.Ramamurthy	Influence of process parameters on the microstructure and mechanical properties of friction stir welds of AA2014 and AA6063 aluminium alloys using response surface methodology	Materials Research Express	Vol. 09, No.02	2022	Scopus	3.8	<a href="https://iopscience.iop.org/article/10.1088/2053-1591/ac5777/pdf">https://iopscience.iop.org/article/10.1088/2053-1591/ac5777/pdf</a>
3	Dr.V.Yamuna Devi	Effects of the Interfacial Bonding Behavior on the Mechanical Properties of E-Glass Fiber/Nanographite Reinforced Hybrid Composites	Advances in Polymer Technology	Vol. 2021	2021	SCIE	3.665	<a href="https://downloads.hindawi.com/journals/apt/2021/6651896.pdf">https://downloads.hindawi.com/journals/apt/2021/6651896.pdf</a>
4	Dr.V.Yamuna Devi	Physical, Chemical, Thermal and Surface Characterization of Cellulose Fibers Derived from Vachellia Nilotica Ssp. Indica Tree Barks	Journal of Natural Fibers	Vol. 19, No.13	2021	SCIE	3.507	<a href="https://www.tandfonline.com/doi/abs/10.1080/15440478.2021.1941482">https://www.tandfonline.com/doi/abs/10.1080/15440478.2021.1941482</a>
5	Dr.A.Suresh	An Intelligent Medical Expert System for Predicting Type-2 Diabetes Using Temporal Fuzzy Rules and Neural Classifier	Intelligent Automation & Soft Computing	Vol.35 , No.01	2022	SCIE	3.401	<a href="https://techscience.com/iasc/v35n1/48152/html">https://techscience.com/iasc/v35n1/48152/html</a>



## Department of Marine Engineering

6	Dr.P.Shanthi	Analysis of predictive control algorithm based PWM boost converter based hybrid networks	International Journal of Health Sciences	Vol.06, No. S2	2022	UGC	2.96	<a href="https://media.neliti.com/media/publications/431148-analysis-of-predictive-control-algorithm-7057772b.pdf">https://media.neliti.com/media/publications/431148-analysis-of-predictive-control-algorithm-7057772b.pdf</a>
7	Mr.S.K.Krishnakumar	Selective Mapping Technique with Novel Symmetric Hankel Phase Sequences for PAPR Reduction in OFDM Reduction in OFDM Systems	International Journal of Mechanical Engineering	Vol.7, No.05	2022	SCI	2.1	<a href="https://kalaharijournals.com/resources/MAY_125.pdf">https://kalaharijournals.com/resources/MAY_125.pdf</a>
8	Dr.D.Madesh	Characterization of the Aluminium Matrix Composite Reinforced with Silicon Nitride (AA6061/Si3N4) Synthesized by the Stir Casting Route	Advances in Materials Science and Engineering, Hindawi	Vol.2022	2022	SCIE	2.098	<a href="https://downloads.hindawi.com/journals/amse/2022/8761865.pdf">https://downloads.hindawi.com/journals/amse/2022/8761865.pdf</a>
9	Dr.A.Thanikasalam	<u>Materials Engineering and Technology - Mechanical Properties and Deformation Mechanisms</u>	Emerging Trends in Engineering and Management	Vol.140, No.02	2022	UGC	1.8	
10	Dr.A.Suresh	Smart Machine Work Station Monitoring using PLC, HMI and ZIGBEE	Neuroquantology	Vol.20, No.15	2022	Scopus	1.58	<a href="https://www.neuroquantology.com/data-cms/articles/20221101025539pmNQ88074.pdf">https://www.neuroquantology.com/data-cms/articles/20221101025539pmNQ88074.pdf</a>
11	Dr.A.Suresh	Investigation of Various Modulation Strategies for T-Type Inverter –fed Renewable Source	Neuroquantology	Vol. 20, No.11	2022	Scopus	1.58	<a href="https://www.neuroquantology.com/data-cms/articles/20221022040911pmNQ66633.pdf">https://www.neuroquantology.com/data-cms/articles/20221022040911pmNQ66633.pdf</a>



## Department of Marine Engineering

12	Dr.D.Madesh	Influence of heat storage materials in a concentrated solar absorber for space heating	Materials Today: Proceedings, Elsevier	Vol.59	2021	Scopus	1.46	<a href="https://www.sciencedirect.com/science/article/pii/S2214785321077889">https://www.sciencedirect.com/science/article/pii/S2214785321077889</a>
13	Dr.D.Madesh	Performance study on phase change material integrated solar still coupled with solar collector	Materials Today: Proceedings, Elsevier	Vol. 59	2021	Scopus	1.46	<a href="https://www.sciencedirect.com/science/article/pii/S2214785321075623">https://www.sciencedirect.com/science/article/pii/S2214785321075623</a>
14	Dr.V.Yamuna Devi	Dynamic mechanical properties and thermal properties of madar fiber reinforced composites	Materials Today: Proceedings, Elsevier	Vol. 51	2021	Scopus	1.46	<a href="https://www.sciencedirect.com/science/article/pii/S2214785321049555">https://www.sciencedirect.com/science/article/pii/S2214785321049555</a>
15	Dr.A.Thanikasalam	<u>Multiple response optimization of machining parameters in turning nimonic C263 using TOPSIS approach</u>	Materials Today: Proceedings Elsevier	Vol. 59	2021	Scopus	1.46	<a href="https://www.sciencedirect.com/science/article/pii/S2214785321077816">https://www.sciencedirect.com/science/article/pii/S2214785321077816</a>
16	Dr.A.Thanikasalam	<u>Studies on the effects of bluff body materials in scramjet applications</u>	Materials Today: Proceedings, Elsevier	Vol. 59	2021	Scopus	1.46	<a href="https://www.sciencedirect.com/science/article/pii/S2214785321076963">https://www.sciencedirect.com/science/article/pii/S2214785321076963</a>
17	Mr.M.Ramamurthy	Parametric optimization in friction stir joining of AA2014 and AA6061 alloys through entropy based multiobjective GRA approach	Materials Today: Proceedings, Elsevier	Vol. 59	2022	Scopus	1.46	<a href="https://www.sciencedirect.com/science/article/pii/S2214785321069601">https://www.sciencedirect.com/science/article/pii/S2214785321069601</a>



## Department of Marine Engineering

18	Mr.K.Stalin	Multi-performance optimization on hard-turning for improving the product quality of high-chromium stainless steel	Materials Today: Proceedings, Elsevier	Vol.62	2022	Scopus	1.46	<a href="https://www.sciencedirect.com/science/article/pii/S2214785322024002">https://www.sciencedirect.com/science/article/pii/S2214785322024002</a>
19	Mr.K.Stalin	Multi-Criteria ranking algorithm for high quality of products in high performance drilling Operation: A case study for considering the Wide-Web and Cryo treated drills	Materials Today: Proceedings, Elsevier	Vol. 62	2022	Scopus	1.46	<a href="https://www.sciencedirect.com/science/article/pii/S2214785322024038">https://www.sciencedirect.com/science/article/pii/S2214785322024038</a>
20	Mr.D.S.Balaji	Optimization of process parameters in water jet peening on Al 6063-T6 alloy using grey relational analysis	Materials Today: Proceedings, Elsevier	Vol. 45, No.2	2021	Scopus	1.46	<a href="https://www.sciencedirect.com/science/article/pii/S221478532038874X">https://www.sciencedirect.com/science/article/pii/S221478532038874X</a>
21	Mr.S.K.Krishnakumar	Characterization of PLA-CF Composites Fabricated by Fused Filament Fabrication Technique	Transactions of the Indian Institute of Metals	Vol. 75, No. 10	2022	SCI	1.4	<a href="https://link.springer.com/article/10.1007/s12666-022-02630-5">https://link.springer.com/article/10.1007/s12666-022-02630-5</a>
22	Ms.R.Dorothy	Corrosion resistance of mild steel (hull plate) in sea water in the presence of a coating of an oil extract of plant materials	International Journal of Corrosion and Scale Inhibition	Vol.10, No.02	2021	SCI	1	<a href="https://www.researchgate.net/publication/351769794">https://www.researchgate.net/publication/351769794</a>
23	Dr.A.Suresh	Inter Combining Quazi Z Source Network With Matrix Converter For Wind Powered Distribution System	International Journal of Aquatic Science	Vol.12, No. 03	2021	UGC	0.92	<a href="http://www.journal-aquaticscience.com/article_134514_ade7edb69ad15d4e198b49a906ae427b.pdf">http://www.journal-aquaticscience.com/article_134514_ade7edb69ad15d4e198b49a906ae427b.pdf</a>



## Department of Marine Engineering

24	Dr.A.Suresh	Underwater Biofouling Detection Using Image Processing And Neural Network	International Journal of Aquatic Science	Vol. 12, No.03	2021	UGC	0.92	<a href="http://www.journal-aquaticscience.com/article_134405.html">http://www.journal-aquaticscience.com/article_134405.html</a>
25	Dr.P.Sivaperumal	Fuzzy – Discrete wavelet Transform aided SCII based IDVR for Mitigating Power Quality Issues	International Journal of Aquatic Science	Vol.12, No. 03	2021	UGC	0.92	<a href="http://www.journal-aquaticscience.com/article_134587.html">http://www.journal-aquaticscience.com/article_134587.html</a>
26	Dr.P.Sivaperumal	Analyzing Reliability And Flooding Mechanism In Multi-Hop Wireless Networks	International Journal of Aquatic Science	Vol.12, No. 03	2021	UGC	0.92	<a href="http://www.journal-aquaticscience.com/article_134607_4dd2e712478b8b1ae16afa77989022ac.pdf">http://www.journal-aquaticscience.com/article_134607_4dd2e712478b8b1ae16afa77989022ac.pdf</a>
27	Dr.P.Sivaperumal	“Implementation Of A Simplified Nine Level Dc-Ac Inverter”	International Journal of Aquatic Science	Vol.12, No. 03	2021	UGC	0.92	<a href="http://www.journal-aquaticscience.com/article_134608.html">http://www.journal-aquaticscience.com/article_134608.html</a>
28	Dr.S.Satish kumar	Analyzing Reliability And Flooding Mechanism In Multi-Hop Wireless Networks	International Journal of Aquatic Science	Vol.12, No. 03	2021	UGC	0.92	<a href="http://www.journal-aquaticscience.com/article_134607_4dd2e712478b8b1ae16afa77989022ac.pdf">http://www.journal-aquaticscience.com/article_134607_4dd2e712478b8b1ae16afa77989022ac.pdf</a>
29	Dr.S.Satish kumar	Implementation Of A Simplified Nine Level Dc-Ac Inverter	International Journal of Aquatic Science	Vol.12, No.03	2021	UGC	0.92	<a href="http://www.journal-aquaticscience.com/article_134608.html">http://www.journal-aquaticscience.com/article_134608.html</a>





## Department of Marine Engineering

30	Dr.S.Satish kumar	Fuzzy – Discrete wavelet Transform aided SCII based IDVR for Mitigating Power Quality Issues	International Journal of Aquatic Science	Vol.12, No.03	2021	UGC	0.92	<a href="http://www.journal-aquaticscience.com/article_134587.html">http://www.journal-aquaticscience.com/article_134587.html</a>
31	Mr.S.Amirtharaj	Performance Of A Photovoltaic Luo-Converter With Multiple-Lift Push Pull Switched Capacitors	International Journal of Aquatic Science	Vol.12, No.03	2021	UGC	0.92	<a href="http://www.journal-aquaticscience.com/article_134360_0dba45fdf262fa6c419bff32ba97ca99.pdf">http://www.journal-aquaticscience.com/article_134360_0dba45fdf262fa6c419bff32ba97ca99.pdf</a>
32	Ms.Tamil Pavai	SCADA Based System for Controlling and Monitoring Boiler in Ship”	International Journal of Aquatic Science	Vol. 12, No.03	2022	UGC	0.92	<a href="http://www.journal-aquaticscience.com/article_134401_de1f5ffe99dc15333c08b3d50fe5f9cf.pdf">http://www.journal-aquaticscience.com/article_134401_de1f5ffe99dc15333c08b3d50fe5f9cf.pdf</a>
33	Mr.R.Sundar	Emerging Electric Ship: Modern Power Technology And Propulsion System	International Journal of Aquatic Science	Vol.12, No.03	2021	UGC	0.92	<a href="http://www.journal-aquaticscience.com/article_134515.html">http://www.journal-aquaticscience.com/article_134515.html</a>
34	M.P.Satish khanna	Smart room Automation using sensors and GSM Module	International Journal of Aquatic Science	Vol.12, No.03	2021	UGC	0.92	<a href="https://www.researchgate.net/publication/353665244">https://www.researchgate.net/publication/353665244</a>
35	Dr.M.Rajavelan	Wearable ECG Monitoring By Using IOT for Medical Applications	Journal of TEST Engineering & Management	Vol. 83	2020	Scopus	0.427	<a href="http://www.testmagzine.biz/index.php/testmagzine/article/view/3785/3322">http://www.testmagzine.biz/index.php/testmagzine/article/view/3785/3322</a>



## Department of Marine Engineering

36	Dr.A.Thanikasalam	<u>Effect of silicon carbide on wear characteristics of fibre reinforced polymer matrix composites</u>	AIP Conference Proceedings	Vol. 2405, No.01	2022	Scopus	0.4	<a href="https://aip.scitation.org/doi/10.1063/5.0072701">https://aip.scitation.org/doi/10.1063/5.0072701</a>
37	Dr.A.Thanikasalam	<u>Comparison of Al<sub>2</sub>O<sub>3</sub>-Reinforced Sintered and Extruded AA2014 Nano-Hybrid Composite Particle Size Effects on Mechanical and Metallurgical Characteristics</u>	ECS Transactions	Vol.107, No.01	2021	Scopus	0.206	<a href="https://iopscience.iop.org/article/10.1149/10701.4077ecst">https://iopscience.iop.org/article/10.1149/10701.4077ecst</a>
38	Dr.P.Sivaperumal	A Transformer less Buck-Boost Converter as Maximum Power Point Tracker for Battery Charging	Lecture Notes in Electrical Engineering, Springer	Vol.795	2021	Scopus	0.148	
39	Dr.A.Suresh	<u>Reliability Improvement in backup protection schemes using wide area measurement systems</u>	<u>Proceedings of the First International Conference on Computing, Communication and Control System</u>	DOI: <a href="https://doi.org/10.4108/eai.7-6-2021.2308863">10.4108/eai.7-6-2021.2308863</a>	2021	-		<a href="https://eudl.eu/doi/10.4108/eai.7-6-2021.2308863">https://eudl.eu/doi/10.4108/eai.7-6-2021.2308863</a>
40	Dr.A.Suresh	Analysis Of Inverter Side Voltage Issues In HVDC Transmission Systems	IEEE Conference Proceedings	DOI: <a href="https://doi.org/10.1109/MECON53876.2022.97">10.1109/MECON53876.2022.97</a>	2022	Scopus	-	<a href="https://ieeexplore.ieee.org/document/9751965">https://ieeexplore.ieee.org/document/9751965</a>



## Department of Marine Engineering

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41	Mr.S.Amirtharaj	Artificial Intelligence Technique based power Theft Monitoring and Detection in a power Distribution System	IEEE Conference Proceedings	<u>DOI:10.1109/ISMAC52330.2021.9640972</u>	2021	Scopus	-	<a href="https://ieeexplore.ieee.org/document/9640972?">https://ieeexplore.ieee.org/document/9640972?</a>
42	Mr.S.K.Krishnakumar	Research on Robust aircrafts Trajectory tracking by comparing adaptive Controllers	IEEE Conference Proceedings	<u>DOI:10.1109/ICACRS55517.2022.10029152</u>	2022	Scopus	-	<a href="https://ieeexplore.ieee.org/document/10029152">https://ieeexplore.ieee.org/document/10029152</a>
43	Ms.R.Dorothy	Inhibition of corrosion of SS 18/8 alloy in sea water by Thiourea-Zn <sup>2+</sup> system	Zastita Materijala	Vol. 62, No.03	2021	Scopus	-	<a href="https://scindeks-clanci.ceon.rs/data/pdf/0351-9465/2021/0351-94652103191P.pdf">https://scindeks-clanci.ceon.rs/data/pdf/0351-9465/2021/0351-94652103191P.pdf</a>
44	Ms.R.Dorothy	Applications of copper alloy nanoparticles in automotive industry	Nanotechnology in the Automotive Industry, Elsevier	Vol.202 2	2022	Scopus	-	<a href="https://www.sciencedirect.com/science/article/pii/B9780323905244000141#!">https://www.sciencedirect.com/science/article/pii/B9780323905244000141#!</a>



## Department of Marine Engineering

45	Ms.R.Dorothy	Corrosion inhibition by aluminum oxide	Inorganic Anticorrosive Materials: Past, Present and Future Perspectives, Elsevier	Vol.2022	2021	Scopus	<a href="https://www.sciencedirect.com/science/article/pii/B978032390410000131">https://www.sciencedirect.com/science/article/pii/B978032390410000131</a>
46	Ms.R.Dorothy	Wireless Nano sensor network for irrigation control	Nano sensors for Smart Agriculture, Elsevier	Vol.2022	2021	Scopus	<a href="https://www.sciencedirect.com/science/article/pii/B9780128245545000057">https://www.sciencedirect.com/science/article/pii/B9780128245545000057</a>
47	Ms.R.Dorothy	Microbiology in agriculture: An introduction	Nano sensors for Smart Agriculture, Elsevier	Vol.2022	2021	Scopus	<a href="https://www.sciencedirect.com/science/article/pii/B9780128245545000239">https://www.sciencedirect.com/science/article/pii/B9780128245545000239</a>
48	Ms.R.Dorothy	Nanotechnology and sustainable agriculture	Nano sensors for Smart Agriculture, Elsevier	Vol.2022	2021	Scopus	
49	Ms.R.Dorothy	Nanotechnology for agriculture: An introduction	Nano sensors for Smart Agriculture, Elsevier	Vol.2022	2021	Scopus	<a href="https://www.sciencedirect.com/science/article/pii/B9780128245545000136">https://www.sciencedirect.com/science/article/pii/B9780128245545000136</a>



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## Department of Marine Engineering

50	Ms.R.Dorothy	Soil moisture Nano sensors	Nano sensors for Smart Agriculture, Elsevier	Vol.202 2	2021	Scopus		<a href="https://www.sciencedirect.com/science/article/pii/B9780128245545000197">ciencedirect.com/science/article/pii/B9780128245545000197</a>
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## Department of Marine Engineering

### List of Publications AY 2020-2021

S. No	Name of the Faculty	Title of the Article	Name of the Journal	Volume /Issue / journal	Year	Indexing	Impact Factor	Link
1	Mr.S.Amirtharaj	Landsman Converter Based grid Connected PV System with Power Quality Improvement	Journal of Interdisciplinary cycle Research	Vol. 8, No.05	2021	UGC	6.2	
2	Dr.S.Satishkumar	Intelligent hybrid technique for cascaded multilevel inverter based three phase grid-tie hybrid power system: a WPSNN technique	Journal of Ambient Intelligence and Humanized Computing, Springer	Vol. 12	2021	SCIE	4.947	<a href="https://link.springer.com/article/10.1007/s12652-020-02707-3">https://link.springer.com/article/10.1007/s12652-020-02707-3</a>
3	Dr.S.Satishkumar	A Novel Optimized Eleven Level Hybrid Cascaded Multi-Level Inverter	Grenze International Journal of Engineering and Technology		2021	UGC	4.235	
4	Mr.J.Harish kumar	Experimental Investigation on Mechanical Properties of Banana Fiber Reinforced Vinyl Ester Resin Composites	<u>Advances in Materials Research</u>	Vol.692	2021	Scopus	3.8	<a href="https://link.springer.com/chapter/10.1007/978-981-15-8319-3_107">https://link.springer.com/chapter/10.1007/978-981-15-8319-3_107</a>



## Department of Marine Engineering

5	Dr.D.Madesh	Experimental investigation of parallel type - evacuated tube solar collector using nanofluids.	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	<a href="https://doi.org/10.1080/15567036.2020.1829201">DOI:10.1080/15567036.2020.1829201</a>	2020	SCIE	2.902	<a href="https://www.tandfonline.com/doi/abs/10.1080/15567036.2020.1829201?journalCode=ueso20">https://www.tandfonline.com/doi/abs/10.1080/15567036.2020.1829201?journalCode=ueso20</a>
6	Dr.M.Tamilarasi	Implementation of Chaotic PWM method for Four Phase Interleaved Boost Converter	Journal of Physics	Vol.192 1	2021	UGC	2.1	<a href="https://iopscience.iop.org/article/10.1088/1742-6596/1921/1/012059/pdf">https://iopscience.iop.org/article/10.1088/1742-6596/1921/1/012059/pdf</a>
7	Dr.D.Madesh	Microstructural and mechanical properties of copper matrix composites	Materials Today: Proceedings, Elsevier	Vol. 37	2020	Scopus	1.46	<a href="https://www.sciencedirect.com/science/article/pii/S2214785320351506">https://www.sciencedirect.com/science/article/pii/S2214785320351506</a>
8	Dr.D.Madesh	Experimental investigation of machining parameter in MQL turning operation using AISI 4320 alloy steel	Materials Today: Proceedings, Elsevier	Vol. 46	2021	Scopus	1.46	<a href="https://www.sciencedirect.com/science/article/pii/S2214785321023397">https://www.sciencedirect.com/science/article/pii/S2214785321023397</a>
9	Mr.D.S.Balaji	Multi-objective optimization in abrasive water jet peening on AA6063 alloy	Materials Today: Proceedings, Elsevier	Vol. 45	2020	Scopus	1.46	<a href="https://www.sciencedirect.com/science/article/pii/S2214785320369170">https://www.sciencedirect.com/science/article/pii/S2214785320369170</a>





## Department of Marine Engineering

10	Mr.R.Sundar	Underwater Biofouling Detection Using Image Processing And Neural Network	International Journal of Aquatic Science	Vol.12, No.03	2021	UGC	0.92	<a href="http://www.journal-aquaticscience.com/article_134405.html">http://www.journal-aquaticscience.com/article_134405.html</a>
11	Ms.G.Tamil Pavai	Thermoelectric Power Generation Using Waste -Heat Energy from Peltier and Seebeck Module	International Journal of Aquatic Science	Vol.12, No.03	2021	UGC	0.92	
12	Dr.S.Prabakaran	Experimental Investigation on Mechanical Properties of Banana Fiber Reinforced Vinyl Ester Resin Composites	<u>Advances in Materials Research, Springer</u>	Vol.692	2021	Scopus	0.583	<a href="https://link.springer.com/chapter/10.1007/978-981-15-8319-3_107">https://link.springer.com/chapter/10.1007/978-981-15-8319-3_107</a>
13	Dr.R.Rajavel	Theoretical Investigation of Friction Welding on Magnesium and Aluminium Alloy	IOP Conference Series: Materials Science and Engineering	Vol.923	2020	Scopus	0.48	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/923/1/012023/pdf">https://iopscience.iop.org/article/10.1088/1757-899X/923/1/012023/pdf</a>
14	Mr.R.Sundar	Modeling and Analysis of Distributed Static Synchronous Compensator for Voltage Mitigation in Distributed System	Journal of Test engineering and Management	Vol. 83	2020	Scopus	0.427	<a href="http://www.testmagazine.biz/index.php/testmagazine/article/view/9108/6951">http://www.testmagazine.biz/index.php/testmagazine/article/view/9108/6951</a>



## Department of Marine Engineering

15	Mr.S.Amirtharaj	Modeling and Analysis of Distributed Static Synchronous Compensator for Voltage Mitigation in Distributed System	Journal of Test engineering and Management	Vol. 83	2020	Scopus	0.427	<a href="http://testmagazine.biz/index.php/testmagazine/article/view/9071">testmagazine.biz/index.php/testmagazine/article/view/9071</a>
16	Dr.M.Rajavelan	BLDC Drive speed control with quasi Z source inverter	Test Engineering and Management	Vol.83	2020	Scopus	0.427	<a href="http://testmagazine.biz/index.php/testmagazine/article/view/8489">http://testmagazine.biz/index.php/testmagazine/article/view/8489</a>
17	Dr.A.Suresh	Output voltage regulation of modular multilevel converter used for HVDC transmission	Journal of Xian University of Architecture & Technology	Vol. 12, No. 03	2020	Scopus	0.36	
18	Dr.P.Shanthi	Data Logger for Monitoring and Control of Energy Consumption in Residential Buildings using PLC	Journal of Green Engineering	Vol.10, No.6	2020	UGC	0.34	
19	Mr.S.Amirtharaj	Modelling and simulation analysis of Shunt Active Filter for Harmonic Mitigation in Islanded Microgrid	Lecture Notes in Electrical Engineering, Springer	Vol. 322	2021	Scopus	0.148	<a href="https://link.springer.com/chapter/10.1007/978-981-15-7241-8_15">https://link.springer.com/chapter/10.1007/978-981-15-7241-8_15</a>



## Department of Marine Engineering

### List of Publications AY 2019-2020

S. No	Name of the Faculty	Title of the Article	Name of the Journal	Volume /Issue / journal	Year	Indexing	Impact Factor	Link
1	Mr. Rajesh chittam	Heat Assistive Machining Techniques	International Journal for Research in Applied Science and Engineering Technology	Vol. 08, No. 02	2020	Scopus	7.8	
2	Dr.S.V. Saravanan	Efficiency Improvement Using Phase Shift Full Bridge Converter	International Journal of Advanced Research in Engineering and Technology (IJARET)	Vol.11, No.02	2020	Scopus	7.1	<a href="https://iaeme.com/MasterAdmin/Journal_uploads/IJARET/VOLUME_11_ISSUE_2/IJARET_11_02_002.pdf">https://iaeme.com/MasterAdmin/Journal_uploads/IJARET/VOLUME_11_ISSUE_2/IJARET_11_02_002.pdf</a>
3	Mr.M.Ramamurthy	Experimental Investigation In Friction Stir Welding Of Dissimilar Aluminum Alloys Aa2014 and Aa6063 using Taguchi Technique	International Journal of Advanced Research in Basic Engineering Science & Technology	Vol.6, No.4	2020	Scopus	5.023	<a href="https://www.ijarbest.com/journal/v6i4/2013">https://www.ijarbest.com/journal/v6i4/2013</a>



## Department of Marine Engineering

			(IJARBEST)					
4	Dr.A.Suresh	SEAT-DSR: Spatial and Energy Aware Trusted Dynamic Distance Source Routing Algorithm for Secure Data Communications in Wireless Sensor Networks	Cognitive Systems Research	Vol. 58	2019	SCI	3.523	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1389041718309719">https://www.sciencedirect.com/science/article/abs/pii/S1389041718309719</a>
5	Mr.M.Balakumaran	Design and analysis of hexagonal drive shaft in all-terrain vehicles	International Journal of Intellectual Advancements and Research in Engineering Computations	Vol. 07, No.02	2019	UGC	3.32	
6	Dr.S.Satish kumar	Asymmetric hybrid multilevel inverter with reduced harmonic using hybrid modulation technique	International Journal of Power Electronics and Drive System	Vol. 11, No. 02	2020	SCI	3.3	<a href="https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/20294">https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/20294</a>
7	Dr.R.Rajavel	Experimental Investigation of Mechanical Behaviour of AI7075Alloy Reinforced with B4C MMC	International Journal of Mechanical	Vol. 10, No. 02	2020	Scopus	3.05	<a href="http://www.tjprc.org/publishpapers/2-67-1585400359-62.IJMPERDFEB202062.pdf">http://www.tjprc.org/publishpapers/2-67-1585400359-62.IJMPERDFEB202062.pdf</a>



## Department of Marine Engineering

			and Production Engineering Research and Developmen t					
8	Dr.R.Rajavel	Experimental study of mechanical properties of 410 stainless steel welded joints	Internationa l Journal of Mechanical and Production Engineering Research and Developmen t	Vol. 10, No.01	2020	Scopus	3.05	<a href="http://www.tjprc.org/publishpapers/2-67-1585564704-65IJMPERDAPR202065.pdf">http://www.tjprc.org/publishpapers/2-67-1585564704-65IJMPERDAPR202065.pdf</a>
9	Dr.R.Rajavel	Experimental study of mini thermoelectric refrigerator	Internationa l Journal of Mechanical and Production Engineering Research and Developmen t,	Vol. 10, No. 02	2020	Scopus	3.05	<a href="https://issuu.com/tjprc/docs/2-67-1585566074-83ijmperdapr202083">https://issuu.com/tjprc/docs/2-67-1585566074-83ijmperdapr202083</a>



## Department of Marine Engineering

10	Dr.R.Rajavel	Study of Vapour Compression Refrigeration System with Nanoparticles – A Technical Review	International Journal of Mechanical and Production Engineering Research and Development,	Vol. 10, No.01	2020	Scopus	3.05	<a href="http://www.tjprc.org/publishpapers/2-67-1585630662-64.IJMPERDFEB202064.pdf">http://www.tjprc.org/publishpapers/2-67-1585630662-64.IJMPERDFEB202064.pdf</a>
11	Dr.R.Rajavel	Impact of Butanol on Performance and Emission Characteristics of a Diesel Engine	International Journal of Mechanical and Production Engineering Research and Development	Vol. 10, No. 02	2020	Scopus	3.05	
12	Dr.R.Rajavel	Morphological Characterization of Friction Welded Aluminium Alloy	International Journal of Mechanical and Production Engineering Research and	Vol. 10, No. 02	2020	Scopus	3.05	<a href="https://issuu.com/tjprc/docs/2-67-1585889261-98ijmperdapr202098">https://issuu.com/tjprc/docs/2-67-1585889261-98ijmperdapr202098</a>



## Department of Marine Engineering

			Developmen t,					
13	Dr.S.Prabakaran	Experimental analysis on mechanical properties of e-glass fiber reinforced with poly aromatic hydrocarbon composites	Internationa l Journal of Mechanical and Production Engineering Research and Developmen t	Vol. 10, No.01	2020	Scopus	3.05	<a href="http://www.tjprc.org/publishpapers/2-67-1585568423-63.IJMPERDFEB202063.pdf">http://www.tjprc.org/publishpapers/2-67-1585568423-63.IJMPERDFEB202063.pdf</a>
14	Dr.S.Prabakaran	Finite element analysis of mechanical properties of reinforced e-glass fiber	Internationa l Journal of Mechanical and Production Engineering Research and Developmen t	Vol. 10, No. 02	2020	Scopus	3.05	<a href="https://www.semanticscholar.org/paper/FINITE-ELEMENT-ANALYSIS-OF-MECHANICAL-PROPERTIES-OF-Kumar-Navaneethakrishnan/c5571e05239241968ff6e6bc6a824a9e53062bc2">https://www.semanticscholar.org/paper/FINITE-ELEMENT-ANALYSIS-OF-MECHANICAL-PROPERTIES-OF-Kumar-Navaneethakrishnan/c5571e05239241968ff6e6bc6a824a9e53062bc2</a>
15	Dr.S.Muthu baskaran	Material Selection for gear drives using Entropy- TOPSIS method	Internationa l Journal of Mechanical and	Vol. 10, No. 01	2020	Scopus	3.05	<a href="http://www.tjprc.org/publishpapers/2-67-1585653482-61IJMPERDAPR202061.pdf">http://www.tjprc.org/publishpapers/2-67-1585653482-61IJMPERDAPR202061.pdf</a>





## Department of Marine Engineering

			Production Engineering Research and Development					
16	Dr.S.Muthu baskaran	Design of Conveyor for Ergonomics of Material Handling Systems	International Journal of Mechanical and Production Engineering Research and Development, 2020,	Vol. 10, No. 02	2020	Scopus	3.05	<a href="https://issuu.com/tjprc/docs/2-67-1585554539-76.ijmperdapr202076__1_">https://issuu.com/tjprc/docs/2-67-1585554539-76.ijmperdapr202076__1_</a>
17	Dr.S.Muthu baskaran	Optimization of Extrusion Blow Moulding Process Using Parison Programming Technique	International Journal of Mechanical and Production Engineering Research and Development	Vol. 10, No. 01	2020	Scopus	3.05	<a href="http://www.tjprc.org/publishpapers/2-67-1581997939-46.IJMPERDFEB202046.pdf">http://www.tjprc.org/publishpapers/2-67-1581997939-46.IJMPERDFEB202046.pdf</a>



## Department of Marine Engineering

18	Dr.D.S.Balaji	Optimization of process parameters in water jet peening on AA6063 aluminium alloy by response surface methodology	International Journal of Mechanical and Production Engineering Research and Development	Vol. 09, No. 05	2019	Scopus	3.05	<a href="https://www.researchgate.net/publication/348614735">https://www.researchgate.net/publication/348614735</a>
19	Dr.D.S.Balaji	Optimization of process parameters for spot welded En19 steel	International Journal of Mechanical and Production Engineering Research and Development	Vol. 10, No. 02	2020	Scopus	3.05	<a href="https://issuu.com/tjprc/docs/2-67-1585561595-82.ijmperdapr202082">https://issuu.com/tjprc/docs/2-67-1585561595-82.ijmperdapr202082</a>
20	Mr.R.Sundar	Experimental Investigation of Mechanical Behaviour of Al7075AlloyReinforced with B4C MMC	International Journal of Mechanical and Production Engineering Research and	Vol. 10, No. 02	2020	UGC	3.05	<a href="http://www.tjprc.org/publishpapers/2-67-1585400359-62.IJMPERDFEB202062.pdf">http://www.tjprc.org/publishpapers/2-67-1585400359-62.IJMPERDFEB202062.pdf</a>



## Department of Marine Engineering

			Developmen t					
21	Mr.S.K.Krishna Kumar	Experimental Investigation of Mechanical Behaviour of Al7075AlloyReinforced with B4C MMC	Internationa l Journal of Mechanical and Production Engineering Research and Developmen t	Vol. 10, No. 01	2020	Scopus	3.05	<a href="http://www.tjprc.org/publishpapers/2-67-1585400359-62.IJMPERDFEB202062.pdf">http://www.tjprc.org/publishpapers/2-67-1585400359-62.IJMPERDFEB202062.pdf</a>
22	Mr.S.K.Krishna Kumar	Experimental design and analysis of domestic windmill blades	Internationa l Journal of Mechanical and Production Engineering Research and Developmen t	Vol. 10, No. 02	2020	Scopus	3.05	<a href="http://www.tjprc.org/publishpapers/2-67-1585630104-77.IJMPERDAPR202077.pdf">http://www.tjprc.org/publishpapers/2-67-1585630104-77.IJMPERDAPR202077.pdf</a>
23	Mr.M.Bala kumaran	Experimental study of mechanical properties of 410 stainless steel welded joints	Internationa l Journal of Mechanical and	Vol. 10, No. 01	2020	Scopus	3.05	<a href="http://www.tjprc.org/publishpapers/2-67-1585564704-65IJMPERDAPR202065.pdf">http://www.tjprc.org/publishpapers/2-67-1585564704-65IJMPERDAPR202065.pdf</a>



## Department of Marine Engineering

			Production Engineering Research and Development					
24	Mr.M.Balakumaran	Experimental study of mini thermoelectric refrigerator	International Journal of Mechanical and Production Engineering Research and Development	Vol. 10, No. 02	2020	Scopus	3.05	<a href="https://issuu.com/tjprc/docs/2-67-1585566074-83ijmperdapr202083">https://issuu.com/tjprc/docs/2-67-1585566074-83ijmperdapr202083</a>
25	Mr.J.Harish kumar	Optimization of process parameters for spot welded En19 steel	International journal of mechanical and production	Vol.80, No.2	2020	Scopus	3.05	<a href="https://issuu.com/tjprc/docs/2-67-1585561595-82.ijmperdapr202082">https://issuu.com/tjprc/docs/2-67-1585561595-82.ijmperdapr202082</a>
26	Ms.Praveen Kumar	Experimental analysis on mechanical properties of e-glass fiber reinforced with poly aromatic hydrocarbon composites	International Journal of Mechanical and Production Engineering	Vol. 10, No. 01	2020	Scopus	3.05	<a href="http://www.tjprc.org/publishpapers/2-67-1585568423-63.IJMPERDFEB202063.pdf">http://www.tjprc.org/publishpapers/2-67-1585568423-63.IJMPERDFEB202063.pdf</a>



## Department of Marine Engineering

			Research and Development					
27	Ms.Praveen Kumar	Finite element analysis of mechanical properties of reinforced e-glass fiber	International Journal of Mechanical and Production Engineering Research and Development	Vol. 10, No. 01	2020	Scopus	3.05	<a href="https://www.semanticscholar.org/paper/FINITE-ELEMENT-ANALYSIS-OF-MECHANICAL-PROPERTIES-OF-Kumar-Navaneethakrishnan/c5571e05239241968ff6e6bc6a824a9e53062bc2">https://www.semanticscholar.org/paper/FINITE-ELEMENT-ANALYSIS-OF-MECHANICAL-PROPERTIES-OF-Kumar-Navaneethakrishnan/c5571e05239241968ff6e6bc6a824a9e53062bc2</a>
28	Dr.V.Yamuna Devi	Characterization and dynamic mechanical analysis of woven roven glass fiber/cerium-zirconium oxide epoxy nanocomposite materials	Materials Research Express	Vol. 06, No. 09	2019	Scopus	1.9	<a href="https://iopscience.iop.org/article/10.1088/2053-1591/ab2f64">https://iopscience.iop.org/article/10.1088/2053-1591/ab2f64</a>
29	Dr.A.Suresh	Controllers for handling three phase grid faults in voltage source converter based HVDC transmission system	International journal of advanced science and Technology	Vol. 29, No. 05	2020	Scopus	1.9	<a href="http://sersc.org/journals/index.php/IJAST/article/view/7072">http://sersc.org/journals/index.php/IJAST/article/view/7072</a>
30	Dr.A.Suresh	Common Mode Voltage Reduction in Three Phase Inverter using Pre-Calculated Harmonic Eliminated PWM	International Journal of Engineering and	Vol. 09, No.02	19-Dec	Scopus	1.9	<a href="https://www.ijeat.org/wp-content/uploads/papers/v9i2/B4952129219.pdf">https://www.ijeat.org/wp-content/uploads/papers/v9i2/B4952129219.pdf</a>



## Department of Marine Engineering

		Method	Advanced Technology					
31	Dr.A.Thanikasalam	Multi Response Optimization of Process Parameters in Cryogenic Co2 Grinding Using TOPSIS Method	International Journal of Advance Science and Technology	Vol. 29, No. 10	2020	Scopus	1.9	<a href="http://sersc.org/journals/index.php/IJAST/article/view/23601">http://sersc.org/journals/index.php/IJAST/article/view/23601</a>
32	Dr.Smileemathuram	VLSI implementation OFDM Transceiver using customized IFFT/FFT Algorithms	International Journal Of Advanced Science & Technology	Vol. 29, No. 07	2019	Scopus	1.9	<a href="http://sersc.org/journals/index.php/IJAST/article/view/9986">http://sersc.org/journals/index.php/IJAST/article/view/9986</a>
33	Dr.D.S.Balaji	Design and fabrication of manually powered path cleaner using pulley drives	International Journal of Engineering and Advanced Technology	Vol. 09, No. 01	2019	Scopus	1.9	<a href="https://www.ijeat.org/wp-content/uploads/papers/v9i1/A1146109119.pdf">https://www.ijeat.org/wp-content/uploads/papers/v9i1/A1146109119.pdf</a>
34	K.Anupriya	Digital Image Falsification Detection System for Effective Data Communication	International Journal of Engineering and Advanced Technology;	Vol. 09, No. 02	2019	Scopus	1.9	<a href="https://www.ijeat.org/wp-content/uploads/papers/v9i2/B4950129219.pdf">https://www.ijeat.org/wp-content/uploads/papers/v9i2/B4950129219.pdf</a>



## Department of Marine Engineering

35	Mr.R.Sundar	A Unique Single Source Nine Level Inverter with Reduced Switching Devices for Single Phase AC Applications	International Journal of Engineering and Advanced Technology	Vol. 09, No. 02	2019	Scopus	1.9	<a href="https://www.ijeat.org/wp-content/uploads/papers/v9i2/B4953129219.pdf">https://www.ijeat.org/wp-content/uploads/papers/v9i2/B4953129219.pdf</a>
36	Mr.R.Sundar	Sensors Based Engine Fault Detection System Using CAN Protocol	International Journal of Advanced Science and Technology	Vol. 29, No. 08	2020	Scopus	1.9	<a href="http://sersc.org/journals/index.php/IJAST/article/view/12749">http://sersc.org/journals/index.php/IJAST/article/view/12749</a>
37	Mr.R.Sundar	Automatic Temperature Control System for Ship's Turbine Main Oil Cooler using PIC Microcontroller	International Journal of Advanced Science and Technology	Vol. 29, No. 04	2020	Scopus	1.9	<a href="http://sersc.org/journals/index.php/IJAST/article/view/4822">http://sersc.org/journals/index.php/IJAST/article/view/4822</a>
38	Mr.R.Sundar	Operating System using CAN Bus on Different Process Circulated Technology with High Speed Prime Marine Engine	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Vol. 08, No. 9S2	2019	Scopus	1.9	<a href="https://www.ijitee.org/wp-content/uploads/papers/v8i9S2/I11340789S219.pdf">https://www.ijitee.org/wp-content/uploads/papers/v8i9S2/I11340789S219.pdf</a>



## Department of Marine Engineering

39	Mr.M.P.Satish khanna	Experimental investigation of hybrid battery/super capacitor energy storage system for electric vehicles	International Journal of Advance Science and Technology	Vol. 29, No. 04	2020	Scopus	1.9	
40	Mr.M.P.Satish khanna	Advanced distribution transformer load monitoring and controlling using GSM	International Journal of Advanced Science and Technology		2020	UGC	1.9	
41	Mr.S.Amirtharaj	Switching Loss Reduction and Simulation of quasi Z-Source Inverter System Fed BLDC Motor	International Journal of Advanced Science and Technology	Vol. 29, No. 04	2020	Scopus	1.9	<a href="http://sersc.org/journals/index.php/IJAST/article/view/4819">http://sersc.org/journals/index.php/IJAST/article/view/4819</a>
42	Dr.S.Satish kumar	Diminution of Harmonics in a Cascaded Multilevel Inverter Using Third Harmonics Injection PWM Technique	International Journal of Recent Technology and Engineering	Vol.8 No.3	2019	Scopus	1.8	
43	Mr.D.Kumaravel	Experimental of Mechanical Properties in Glass Fiber by using Epoxy and Polyester resin	International Journal of Recent Technology and	Vol. 08, No. 4S5	2019	Scopus	1.8	<a href="https://www.ijrte.org/wp-content/uploads/papers/v8i4s5/D10611284S519.pdf">https://www.ijrte.org/wp-content/uploads/papers/v8i4s5/D10611284S519.pdf</a>





## Department of Marine Engineering

			Engineering					
44	Dr.P.Siva perumal	Enhancing the Power of Quality Issues using Superconducting Magnetic Storage Devices–Based Dynamic Voltage Restorer–Aided Switched Coupled Inductor Inverter with Space Vector Pulse Width Modulation Techniques	Measurement and Control (United Kingdom)	Vol.52, No.07	2019	SCIE	1.704	<a href="https://www.researchgate.net/publication/336348722">https://www.researchgate.net/publication/336348722</a>
45	Ms S Sinthuja	Edge Triggered Clock with Mtcmos Level Shifter Design For Soc Applications	International journal of Innovative Technology and Exploring Engineering	Vol. 09, No. 05	2020	Scopus	1.66	<a href="https://www.ijitee.org/wp-content/uploads/papers/v9i5/E2596039520.pdf">https://www.ijitee.org/wp-content/uploads/papers/v9i5/E2596039520.pdf</a>
46	Dr.R.Rajavel	Integrated Taguchi cum grey relational experimental analysis technique (GREAT) for optimization and material characterization of FSP surface composites on AA6061 aluminium alloys	Materials Today: Proceedings, Elsevier	Vol. 33	2020	Scopus	1.46	<a href="https://www.sciencedirect.com/science/article/pii/S2214785320316539">https://www.sciencedirect.com/science/article/pii/S2214785320316539</a>
47	Dr.D.Madesh	Experimental investigation of solar steam generator using nanocoating	Materials Today: Proceedings, Elsevier	Vol. 33	2020	Scopus	1.46	<a href="https://www.sciencedirect.com/science/article/pii/S2214785320335082">https://www.sciencedirect.com/science/article/pii/S2214785320335082</a>



## Department of Marine Engineering

48	Dr.D.Madesh	Experimental investigation of machining parameter in MQL turning operation using AISI 4320 alloy steel	Materials Today: Proceedings, Elsevier	Vol. 46	2020	Scopus	1.46	<a href="https://www.sciencedirect.com/science/article/pii/S2214785321023397">https://www.sciencedirect.com/science/article/pii/S2214785321023397</a>
49	Dr.V.Yamuna Devi	Effect on the behaviour of dynamic mechanical analysis for hybrid epoxy nanocomposite	Materials Today: Proceedings, Elsevier	Vol. 37	2020	Con	1.46	<a href="https://www.sciencedirect.com/science/article/pii/S2214785320336117">https://www.sciencedirect.com/science/article/pii/S2214785320336117</a>
50	Dr.S.Sangeetha	Stability improvement on industrial load using current controlled voltage regulator	Materials Today: Proceedings, Elsevier	Vol. 33	2020	Scopus	1.46	<a href="https://www.sciencedirect.com/science/article/pii/S2214785320343303">https://www.sciencedirect.com/science/article/pii/S2214785320343303</a>
51	Mr.S.K.Krishna Kumar	Experimental study on aluminium based sandwich composite with polypropylene foam sheet	Materials Today: Proceedings,	Vol. 24	2020	UGC	1.46	<a href="https://www.sciencedirect.com/science/article/pii/S2214785320329539">https://www.sciencedirect.com/science/article/pii/S2214785320329539</a>
52	M.P.Satish khanna	Comparative analysis of fuzzy and sliding mode control system for distributed hybrid power system	International Research Journal in Advanced Engineering Technology	Vol. 05, No. 06	2019	Scopus	1.45	<a href="http://www.irjaet.com/Volume5-Issue-5,6/paper5.pdf">http://www.irjaet.com/Volume5-Issue-5,6/paper5.pdf</a>
53	Dr.P.Siva perumal	Switched Coupled Inductor Inverter-Based Interline Dynamic Voltage Restorer With Discrete Wavelet Transform-Artificial Neural Network	International Journal of Electrical Engineering	<a href="https://doi.org/10.1177/0020720919844218">DOI:10.1177/0020720919844218</a>	2019	Scopus	1.26	<a href="https://journals.sagepub.com/doi/abs/10.1177/0020720919844218">https://journals.sagepub.com/doi/abs/10.1177/0020720919844218</a>



## Department of Marine Engineering

		Technique	Education					
54	Mr.M.Ramamurthy	Optimization of input parameters on friction stir welding of dissimilar aluminium alloys AA2014 and AA6061 using Taguchi technique	<a href="#">International Journal of Vehicle Structures and Systems</a>	Vol. 12, No. 02	2020	Scopus	1.2	<a href="https://www.proquest.com/openview/50d03c7b150417c08b3b3e716e515b26/1?cbl=60382&amp;pq-origsite=gscholar&amp;parentSessionId=tluLtZk7C7NbSvkaNA%2BiS9FIB63WvdtSKClcMQ3YBo8%3D">https://www.proquest.com/openview/50d03c7b150417c08b3b3e716e515b26/1?cbl=60382&amp;pq-origsite=gscholar&amp;parentSessionId=tluLtZk7C7NbSvkaNA%2BiS9FIB63WvdtSKClcMQ3YBo8%3D</a>
55	Dr.R.Rajavel	Experimental study on aluminium based sandwich composite with polypropylene foam sheet	Materials Today: Proceedings, Elsevier	Vol. 24	2020	Scopus	1.16	<a href="https://www.sciencedirect.com/science/article/pii/S2214785320329539">https://www.sciencedirect.com/science/article/pii/S2214785320329539</a>
56	Dr.S.Prabakaran	Optimization of process parameters for spot welded En19 steel	International journal of mechanical and production	Vol.80, No.2	2020	Scopus	0.744	<a href="https://issuu.com/tjprc/docs/2-67-1585561595-82.ijmperdapr202082">https://issuu.com/tjprc/docs/2-67-1585561595-82.ijmperdapr202082</a>
57	Dr.A.Thanikasalam	Online Tool Condition Monitoring And Optimizing Of Process Parameters For Surface Integrity And Hole Quality In Deep Hole Drilling Process	Journal of The Balkan Tribological Association	Vol. 25, No. 01	2019	SCI	0.614	<a href="https://www.researchgate.net/publication/332710564">https://www.researchgate.net/publication/332710564</a>
58	Mr.R.Sundar	A Study Of Landsman, Sepic And Zeta Converter By Particle Swarm Optimization Technique	IEEE Conference Proceedings	<a href="#">DOI: 10.1109/ICACCS48705.2020</a>	2020	Scopus	0.6	<a href="https://ieeexplore.ieee.org/document/9074164">https://ieeexplore.ieee.org/document/9074164</a>



## Department of Marine Engineering

				<a href="#">0.9074164</a>				
59	Mr.R.Sundar	Marine Monitoring System and Safety Precautions Using Can Protocol	IEEE Conference Proceedings	<a href="#">DOI: 10.1109/ICACCS48705.2020.9074380</a>	2020	Scopus	0.6	<a href="https://ieeexplore.ieee.org/document/9074380">https://ieeexplore.ieee.org/document/9074380</a>
60	Dr.S.Sangeetha	Speed Regulation of Induction Motor By Intelligent Controllers	Journal of Xidian University	Vol.14, No.05	2020	Scopus	0.571	<a href="https://www.researchgate.net/publication/341909013_Speed_Regulation_of_Induction_Motor_By_Intelligent_Controllers">https://www.researchgate.net/publication/341909013_Speed_Regulation_of_Induction_Motor_By_Intelligent_Controllers</a>
61	Dr.K.Komathy .	Block chain technologies in financial sectors and industries	International Journal of Scientific and Technology Research	Vol. 8, No. 11	2019	Scopus	0.5	
62	Ms S Sinthuja	Displacement Study of Glass Filled Unsaturated polyester Composite Plate Under Transverse Impact Force	IOP conference series: Material Science and Engineering	Vol. 923	2020	Scopus	0.48	<a href="https://ui.adsabs.harvard.edu/abs/2020MS%26E..923a2033J/abstract">https://ui.adsabs.harvard.edu/abs/2020MS%26E..923a2033J/abstract</a>



## Department of Marine Engineering

63	Mr.J.Harish kumar	Experimental Investigation of Flexural Strength of Banana Fiber Reinforced Composites	IOP Conference Series: Materials Science and Engineering	Vol. 923	2020	Scopus	0.48	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/923/1/012054/pdf">https://iopscience.iop.org/article/10.1088/1757-899X/923/1/012054/pdf</a>
64	Dr.R.Rajavel	Investigation of emission control in CI engine using Aqua Silencer	Test Engineering and Management	Vol. 82	2020	Scopus	0.427	<a href="https://www.testmagzine.biz/index.php/testmagzine/article/view/6550">https://www.testmagzine.biz/index.php/testmagzine/article/view/6550</a>
65	Dr.R.Rajavel	Investigation of Pongamia Pinnata with Nano Additives on Performance Characteristics of Diesel Engine	Test Engineering and Management.	Vol. 83	2020	Scopus	0.427	<a href="http://www.testmagzine.biz/index.php/testmagzine/article/view/6278">http://www.testmagzine.biz/index.php/testmagzine/article/view/6278</a>
66	Dr.R.Rajavel	Experimental Investigation of Friction Welding on Aluminium Alloy	Test Engineering and Management.	Vol. 83	2020	Scopus	0.427	
67	Dr.A.Suresh	Enhancement of Image Quality by Noise Reduction using modified clustering algorithm	Test Engineering and Management,	Vol. 83	2020	Scopus	0.427	<a href="https://www.testmagzine.biz/index.php/testmagzine/article/view/3784">https://www.testmagzine.biz/index.php/testmagzine/article/view/3784</a>



## Department of Marine Engineering

68	Dr.S.Prabakaran	Analysis of exhaust gas behavior for small scale solid propellant motors (static test) using Gaussian plume dispersion	Test Engineering and Management	Vol. 82	2020	Scopus	0.427	<a href="https://www.testmagzine.biz/index.php/testmagzine/article/view/1963">https://www.testmagzine.biz/index.php/testmagzine/article/view/1963</a>
69	Dr.S.Prabakaran	Permutation Flowshop Scheduling using Particle Swarm Optimization	Test Engineering and Management	Vol. 83	2020	Scopus	0.427	<a href="http://www.testmagzine.biz/index.php/testmagzine/article/view/6270/4899">http://www.testmagzine.biz/index.php/testmagzine/article/view/6270/4899</a>
70	Dr.S.Prabakaran	Analysis of influencing parameters on CI engine performance fuelled by waste plastic oil and ethanol blends using tauchi method	Test Engineering and Management	Vol. 82	2020	Scopus	0.427	<a href="http://testmagzine.biz/index.php/testmagzine/article/view/1971/1768">http://testmagzine.biz/index.php/testmagzine/article/view/1971/1768</a>
71	Dr.S.Prabakaran	Lunar Soft Landing Trajectory Using NLP Approach	Test Engineering and management	Vol. 83	2020	Scopus	0.427	<a href="http://www.testmagzine.biz/index.php/testmagzine/article/view/6546/5047">http://www.testmagzine.biz/index.php/testmagzine/article/view/6546/5047</a>
72	Dr.M.Rajavelan	Wearable ECG Monitoring By Using IOT for Medical Applications	TEST Engineering & Management	Vol. 83	2020	Scopus	0.427	<a href="http://www.testmagzine.biz/index.php/testmagzine/article/view/3785">http://www.testmagzine.biz/index.php/testmagzine/article/view/3785</a>



## Department of Marine Engineering

73	Dr.S.Muthu baskaran	Development and Testing of Jute Fiber Epoxy Composites	TEST Engineering and management	Vol. 82	2019	Scopus	0.427	<a href="http://testmagzine.biz/index.php/testmagzine/article/view/2711">http://testmagzine.biz/index.php/testmagzine/article/view/2711</a>
74	Dr.D.S.Balaji	Development of a Fuzzy Model in Plasma Transferred Arc Welding using Cobalt based Hard Facing Alloy	Test Engineering and Management	Vol. 82	2020	Scopus	0.427	<a href="http://www.testmagzine.biz/index.php/testmagzine/article/view/1962">http://www.testmagzine.biz/index.php/testmagzine/article/view/1962</a>
75	Dr.D.S.Balaji	Analysis of Exhaust gas Behavior for small scale Propellant Motors(Static Test) using Gaussian Plume Dispersion	Test Engineering and Management	Vol. 82	2020	Scopus	0.427	<a href="https://www.testmagzine.biz/index.php/testmagzine/article/view/1963">https://www.testmagzine.biz/index.php/testmagzine/article/view/1963</a>
76	Mr.R.Sundar	Hardware Implementation of Dedicated Squaring Circuit by Passing Multipliers	Journal of Test engineering and Management	Vol. 83, No. 02	2020	Scopus	0.427	<a href="http://www.testmagzine.biz/index.php/testmagzine/article/view/3799">http://www.testmagzine.biz/index.php/testmagzine/article/view/3799</a>
77	Mr.S.Amirtharaj	Modelling and analysis of distributed static synchronous compensator for voltage mitigation In distributed system	TEST Engineering and management	Vol. 83	2020	Scopus	0.427	<a href="https://testmagzine.biz/index.php/testmagzine/article/view/9071">https://testmagzine.biz/index.php/testmagzine/article/view/9071</a>



## Department of Marine Engineering

78	Mr.S.Amirtharaj	Analysis of Water Observation Using Ardiuno Based on GSM And Wireless Detector Technology	Test Engineering and Managemen t	Vol. 83	2020	Scopus	0.427	
79	Mr.J.Harish kumar	Permutation Flow shop Scheduling using Particle Swarm Optimization	Test Engineering and Managemen t	Vol. 83	2020	Scopus	0.427	<a href="http://www.testmagzine.biz/index.php/testmagzine/article/view/6270/4899">http://www.testmagzine.biz/index.php/testmagzine/article/view/6270/4899</a>
80	Ms.Praveen Kumar	Lunar Soft Landing Trajectory Using NLP Approach	Test Engineering and managemen t	Vol. 83	2020	Scopus	0.427	<a href="http://www.testmagzine.biz/index.php/testmagzine/article/view/6546/5047">http://www.testmagzine.biz/index.php/testmagzine/article/view/6546/5047</a>
81	Dr.V.Yamuna Devi	Thermal and wear analysis of epoxy nanocomposite reinforced with chopped strand mat glass fiber	AIP Conference Proceedings	Vol. 2128	19-Jul	Con	0.4	<a href="https://aip.scitation.org/doi/10.1063/1.5117931">https://aip.scitation.org/doi/10.1063/1.5117931</a>
82	Dr.S.Sangeetha	Mathematical modeling and optimization of hyper node analysis	AIP Conference Proceedings	Vol. 2271	2020	Scopus	0.4	<a href="https://aip.scitation.org/doi/10.1063/5.0025194">https://aip.scitation.org/doi/10.1063/5.0025194</a>
83	Ms.Praveen Kumar	Growth, optical, thermal, mechanical and dielectric properties of 2,5-dimethyl anilinium nitrate single crystal	AIP Conference Proceedings 2020	Vol. 2270	2020	Scopus	0.4	<a href="https://aip.scitation.org/doi/abs/10.1063/5.0019966">https://aip.scitation.org/doi/abs/10.1063/5.0019966</a>





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## Department of Marine Engineering

84	Dr.D.S.Balaji	Bending stress analysis of a spur gear for material steel	APRN Journal of Engineering and Applied Science	Vol. 12, No. 19	2020	Scopus	0.38	<a href="http://www.arpnjournals.org/jeas/research_papers/rp_2017/jeas_1017_6398.pdf">http://www.arpnjournals.org/jeas/research_papers/rp_2017/jeas_1017_6398.pdf</a>
85	Dr.A.Suresh	Performance Monitoring and Forecasting of Grid Connected Roof Top Solar Plant	Journal of Xian university of architecture & Technology	Vol. 12, No. 03	2020	Scopus	0.24	