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Chittoor Main Road, Vellore – 632 059.

JOURNAL PUBLICATION

ACADEMIC YEAR-2023-2024

Sno	Name of the author/s	Title of paper	Department	Name of journal	ISSN number
1.	Dr. U.V. Arivazhagu	Gated Capsule Networks for Intrusion Detection Systems to Improve the Security of WSN-IoT	CSE	Ad Hoc & Sensor Wireless Networks	ISSN 1551-9899 (print) · 1552-0633 (online)
2.	Dr.N. Shankar Ganesh	Exergoenvironmental evaluation of kalina power generation system	MECH	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	1556-7036
3.	Dr. N. Shankar Ganesh	Performance investigation on novel combined power generation and refrigeration system	MECH	Energy and Environment	0958-305X, 2048-4070
4.	Dr.R. Sathya	Direct Test Effect of Disruptive Technology Acceptance Model (DTAM) on Massive	MBA	Indian Journal of Science and Technology	0974-6846
5.	Dr.R. Sathya	Impact Of Online class service quality on students' satisfaction on post COVID-19 - Evidence from selected self-financing Engineering colleges	MBA	Journal of survey in Fisheries Science	2368-7487

6.	Dr.N. Sankar Ganesh	3E Investigation on novel ORC-ERC System Suitable for low Temperature Application	MECH	Journal of Process Mechanical Engineering	0954-4089
7.	Dr.N. Sankar Ganesh	Energy Analysis of an Innovative Power Generation and Refrigeration	MECH	International Journal of Energy	1099-114X
8.	Dr.N. Sankar Ganesh	Evaluation of Novel Power and Refrigeration System Energy and exergy Perspective	MECH	Journal of Thermal Analysis and Calorimetry	1388-6150
9.	Dr.N. Sankar Ganesh	Evaluation on Novel kalina Power generation system through exergoenvironmental analysis	MECH	Case Studies in Thermal Engineering	2214-157X
10.	Mr. S Rudra Moorthi Dr. N Sankar Ganesh	Mechanical Characterisation and experimental analysis of AA6082 Aluminium metal matrix composites reinforced with goat bone ash	MECH	International Journal of Cast Metals Research	1743-1336
11.	Dr.S. Aswini Priya	Understanding continuance intention of subscription video-on-demand based over-the-top (OTT) platforms: A multiple moderation approach	MBA	Inter disciplinary Journal of Management studies	2981-0795
12.	Dr.S. Aswini Priya	Examining the determinants of FinTech adoption intention: the moderating role of customer advocacy	MBA	International Journal of Process Management and Benchmarking	1460-6739
13.	Ms. S. Nivethitha Ms. M. Prithika	Effectiveness of staff contentment improvement at Food and Inns	MBA	Journal of the oriental Institute	0030-5324,



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ACADEMIC YEAR-2022-2023

Sno	Name of the author/s	Title of Paper	Dept	Name of journal	ISSN number
1	Dr. Shankar Ganesh N	Comprehensive review on cogeneration systems for low and medium temperature heat recoveries	MECH	Energy Sources, Part A: Recovery, Utilization, And Environmental Effects	1556-7230
2	Mr. S. Balaji	Optimal performance and security with division and replication of data using fog computing	CSE	International journal of Computer Science in the trends and Technology	2347-8578
3.	Mr. S. Balaji	Real time face mask detection and social Distancing	CSE	International journal of Scientific Research in Engineering and Management	2582-3930
4.	Mrs.R Thillaikarasi	Forestalling Denial of Service Attack in Cloud Computing and Predicting Future Attack using Machine Learning	CSE	International Journal of Scientific Research in Engineering and Management (IJSREM)	0975-9646

5.	Mrs.V. Gowri	Effective Ledger and Decentralisation in Health Care using Bloch Chain	CSE	International Journal of Scientific Research in Engineering and Management (IJSREM)	2582-3930
6.	Mrs.V. Gowri	Flexible-Event Triggered Filter-Design with Restraint and cyber attack	CSE	International Journal of Scientific Research in Engineering and Management (IJSREM)	2582-3931
7.	Mr. S. Balaji	Intelligent Object Detection in Autonomous vehicles using CNN algorithm	CSE	International Journal of Engineering Research & Technology (IJERT)	2278-0181
8.	Mrs. Pavithra. M	Plant leaf diseases detection system using convolutional neural network.	CSE	International Journal of Scientific Research in Engineering and Management (IJSREM)	2582-3930
9.	Ms.M Anitha	Skin cancer detection using deep learning	CSE	International Journal of Scientific Research in Engineering and Management (IJSREM)	2582-3930
10	Mrs. Aswini Priya	Instagram Influencers Credibility Dimensions and Purchase Intention of Followers: Empirical Evidence	MBA	Studies in Media and Communication	2325-8071



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ACADEMIC YEAR-2021-2022

Sno	Name of the author/s	Title of Paper	Dept	Name of journal	ISSN number
1.	Dr.M.M. Ravikumar	Investigation of Ku band microwave absorption of three-layer BaFe ₁₂ O ₁₉ , carbon-fiber@Fe ₃ O ₄ , and graphene@BaFe ₁₂ O ₁₉ @Fe ₃ O ₄ composite	MECH	Journal of Alloys and Compounds	0925-8388
2	Dr.M.M. Ravikumar	The roles and applications of additive manufacturing in the aerospace and automobile sector	MECH	Materials Today: Proceedings	2214-7853
3.	Dr. M.M. Ravikumar	Tensile and flexural properties of natural fibre matrix composites developed through hand-lay method	MECH	Materials Today: Proceedings	2214-7853
4.	Dr.M.M. Ravikumar	A review on puncture analysis of polymer composites	MECH	Materials Today: Proceedings	2214-7853
5.	Dr.M.M. Ravikumar	Diffusion brazing of 321 stainless steel to IN738 using 54Ag-40Cu-5.0Zn-1.0Ni powder-mixture interlayer	MECH	Materials Letters	0167-577X
6.	Dr.N. Shankar Ganesh	Performance assessment of a novel power generation system	MECH	IET Renewable Power Generation	1752-1416 E-ISSN:1752-1424



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ACADEMIC YEAR-2020-2021

Sno	Name of the author/s	Title of Paper	Dept	Name of journal	ISSN number
1.	Dr.N. Shankar Ganesh	A review of conventional and renewable biodiesel production	MECH	Chinese Journal of Chemical Engineering, Elsevier	1004-9541
2.	Dr.S. Deepa	The Mystery curve: A Signal Processing Based Power Quality Disturbance Detection	EEE	IEEE Transaction on Industrial Electronics	0278-0046
3.	Dr.N. Shankar Ganesh	Exergoeconomic Analysis of a Novel Zeotropic Mixture Power System	MECH	International Journal of Precision Engineering and Manufacturing-Green Technology	2288-6206
4.	Dr.N. Shankar Ganesh	Performance Investigation in Modified and Improved Augmented Power Generation Kalina Cycle Using Python	MECH	Energy Research	0363-907X
5.	Dr.N. Shankar Ganesh	Thermoeconomic Investigation on Advanced Kalina Power Generation System	MECH	Energy Reports	2352-4847

6.	Mr.V. Mohanavel	Tribological and mechanical properties of Zirconium Di-boride (ZrB ₂) particles reinforced aluminium matrix composites	MECH	International Journal of Materials Today Proceedings	2214-7853
7.	Dr.Ravikumar M.M.	Mechanical and tribological behavior of mg-matrix composites manufactured by stir casting	MECH	International Journal of Vehicle Structures and Systems	09753060, 09753540
8.	Mrs.Sarah S	Neural Networks in Classifying Medical Imaging: Liver Cancer	IT	Journal of Computational and Theoretical Nanoscience	1546-1955



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ACADEMIC YEAR-2019-2020

Sno	Name of the author/s	Title of Paper	Dept	Name of journal	ISSN number
1.	Mr.V. Mohanavel, Dr.M.M. Ravikumar	Mechanical and tribological behavior of mg-matrix composites manufactured by stir casting	MECH	International Journal of Vehicle Structures & Systems	0975-3060 E-ISSN:0975-3540
2.	Mrs.Mohana Sundari L	Weld Flaw Detection Based on Likelihood Estimation and Wavelet Transform	ECE	International Journal of Engineering and Advanced Technology (IJEAT)	2249 – 8958
3.	Dr. Perepi.Rajarajeswari	Study on Design analysis of Detection and Elimination of Malaria diagnosis system	CSE	Caribbean Journal of Science	0008-6453
4.	Mr.T. Senthil Kumar Mrs. D. Kumutha	Comparative Analysis of the Fuzzy C-Means and Neuro-Fuzzy Systems for Detecting Retinal Disease	ECE	Circuits, Systems, and Signal Processing	39:698–720
5.	Mr.V.Mohanavel	“Experimental investigation on mechanical properties of AA7075 AlN composites	MECH	Materials Testing	2254-3697 0025-5300

6.	Mr.Mohanavel Vinayagam, Dr.M.M. Ravikumar, Mr. S. Mahendiran	“Feasibility and emission study on employing MgO nanoparticle as oxygenated additive in neat biodiesel	MECH	International Journal of Ambient Energy	0143-0750 (Print) 2162-8246 (Online)
7.	Mr. V.Mohanavel	“Impact of nozzle opening pressure on the performance and emission behaviours of CI engine using Yellow Oleander Biodiesel	MECH	International Journal of Ambient Energy	0143-0750 (Print) 2162-8246 (Online)
8.	Mr.V. Mohanavel, Dr.M.M. Ravikumar, Mr. S. Mahendiran	“Tribological and mechanical behaviour of composites fabricated via compo casting, stir casting and in situ casting – An overview	MECH	Journal of the Balkan Tribological Association	1310-4772
9.	Mr.M.M. Ravikumar	An integrated approach for performance evaluation of suppliers in manufacturing industries	MECH	International Journal of Services and Operations Management	1744-2389 (online) 1744-2370 (Print)
10.	Dr.N. Shankar Ganesh, Mr.S Mahendiran, Mr.D Manivannan	Development of optimized Energy System	MECH	Energy and Environment	0958-305X, 2048-4070
11.	Mrs.R. Thillaikarasi	Attendance System using Open-CV Face recognition	CSE	International Research Journal in Advanced Engineering And Technology	2454-4752 E-2454-4744.
12.	Ms.K. Maithili	Waste Water Management for Smart Cities with help of IOT and Pic Controller	CSE	International Research Journal in Advanced Engineering And Technology	2395-0056 E-2395-0072
13.	Mrs.S. Delhi Rani	Flight Delay prediction using Supervised Machine Learning	CSE	Caribbean Journal of Science	0008-6453

14.	Dr. Perepi.Rajarajeswari	Gender with Emotion Recognition using Machine Learning,	CSE	International Journal of Science and Research	2319-7064
15.	Mrs.Mohana Sundari L	Feature Extraction through Chaotic Metrics for Weld Flaw Classification	ECE	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2278-3075
16.	Mrs. W.R. Thulasi Brindha	Modified PMSG System using Trans Z Source Network for Grid connected UPFC system	EEE	International Journal of Engineering and Advanced Technology (IJEAT)	2249-8958



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ACADEMIC YEAR-2018-2019

Sno	Name of the author/s	Title of Paper	Dept	Name of journal	ISSN number
1.	Mr.V Mohanavel	Influence of ZrB ₂ on the microstructural characteristics of AA6082/ZrB ₂ composites	MECH	Materials and Technology	1580-2949 E-ISSN:1580-3414
2.	Mr.V. Mohanavel	Effect of ZrB ₂ content on mechanical and microstructural characterization of AA6063 aluminium matrix composites	MECH	International Journal of Materials Today Proceedings	2214-7853
3.	Mr. V. Mohanavel, D Dr.M.M. Ravikumar, Mr.G. Madhan and Mr.P. Vinothkumar	Parametric optimization of friction welded 17-4 PH SS alloy using Taguchi techniques	MECH	Progress in Industrial Ecology	1478-8764 (online) 1476-8917 (Print)
4.	Mr.L. Ananda Padmanaban	Multi objective evolutionary algorithm for designing energy efficient distribution transformers	EEE	Elsevier: Swarm and Evolutionary Computation	2210-6510
5.	Dr.N. Shankar Ganesh	Nuclear energy-driven Kalina cycle system suitable for Indian climatic conditions	MECH	Energy Sources, Part A: Recovery, Utilization, And Environmental Effects	15567230, 15567036
6.	Mr. R. Ruhin kouser	Heart Disease Prediction System Using Artificial Neural Network, Radial Basis Function and Case Based Reasoning	CSE	Journal of Computational and Theoretical Nanoscience	1546-1955

7.	Mr.V. Mohanavel	“TWF based optimization of porous insert configurations for heat transfer enhancement using CFD	MECH	Journal of Applied Fluid Mechanics	1735-3572 1735-3645
8.	Dr.U.V. Arivazhagu	Social Network Routing with caching in delay tolerant wireless sensor networks	CSE	Journal of Computational and Theoretical Nano science	2810–2817
9.	Ms.A. Shalini	Application of Rough Set Theory in Data Mining Market Analysis Using Rough Sets Data Explorer	CSE	Journal of Computational and Theoretical Nano science	1546-1955
10.	Ms.A. Shalini	Voice Recognition Robot Control Using Android Device	CSE	Journal of Computational and Theoretical Nano science	1546-1955
11.	Ms. Maithili K, Ms. Latha.P	Analysing the security mechanisms to prevent Unauthorized access in cloud and Network security	CSE	Journal of Computational and Theoretical Nano science	1546-1955