

Publication detail of Academic year 2021-2022

Department of Computer Applications

S. No	Name of the Faculty Member	Title of the Manuscript	Name of the Journal, Vol., No., pp (ISSN No.)	Impact Factor / h-index	Listed					DOI
					Scopus	Google Scholar	Web of science	Pubmed	Indian Citation Index	
1.	Dr.S.Selvamuthukumaran	A Hybrid Crow Search and Grey Wolf Optimization Technique for Enhanced Medical Data Classification in Diabetes Diagnosis System	International Journal of Computational Intelligence Systems, Dec 2021 Volume 14, Issue 1,pp 01-18			Yes				https://doi.org/10.1007/s44196-021-00013-0
		Designing and Developing a Dynamic Healthcare System Using Machine Learning and Data Analytics	Journal of Chengdu University of Technology (Science and Technology Edition), Volume 26, July -2021 ISSN-NO-1671-9727	Impact Factor: 6.0		Yes				

		Hybrid Online Model for Predicting Diabetes Mellitus	Intelligent Automation & Soft Computing , Oct 2021 Volume 31, Issue 1, pp 01-18			Yes				
2.	Dr.G.Pradeep	Aspect Based Sentiment Analysis of Restaurant Reviews using Dependency Parsing and Rule Mining	Dickensian Journal, Vol. 22, Issue 4, 2022, Pg. No. 514 – 526, ISSN122440		Yes	Yes				
		Ant Colony Optimization-based Light Weight Container (ACO-LWC) Algorithm for Efficient Load Balancing	Intelligent Automation & Soft Computing, DOI:10.32604/iasc.2022.024317, Tech Science Press, Vol. 34, Issue 1, Pg No. 205 – 219, ISSN: 1079-8587 (print) , ISSN: 2326-005X (online),			Yes	Yes			
		Efficacy	Journal of			Yes	Yes			

		improvement of aspect-based sentiment analysis using enhanced rule-based approach and domain-specific lexicon (ERBA-DSL)	Intelligent & Fuzzy Systems, 1-19, ISSN 1064-1246 (P) ISSN 1875-8967 (E)							
		Ensemble of Deep Learning based Segmentation with Classification Model for Skin Lesion Diagnosis Using Deroscopic Images	Journal of Computational And Theoretical Nano Sciences Volume 18, Number 3, March 2021, pp. 710-721(12)			Yes	Yes			https://doi.org/10.1166/jctn.2021.9667

3.	N.Srinivasan	Designing and Developing a Dynamic Healthcare System Using Machine Learning and Data Analytics	Journal of Chengdu University of Technology (Science and Technology Edition), Volume 26, July -2021 ISSN-NO-1671-9727	Impact Factor: 6.0		Yes				
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Department of Mechanical Engineering

S. No	Name of the Faculty Member	Title of the Manuscript	Name of the Journal, Vol., No., pp (ISSN No.)	Impact Factor / h-index	Listed					DOI
					Scopus	Google Scholar	Web of science	Pubmed	Indian Citation Index	
1	Vimalraj, C. Francis, C. Sundar Raj, S. Vijayaraj.	Novel Ecofriendly Process for Lanthanum Oxide Nano Fluids in Automobile	Journal of Environmental Protection and Ecology ISSN 1311-	0.692	Yes	Yes	Yes	-	-	-

		Radiator for Efficient Heat Transfer	5065							
2	Balaji, A., Saravanan, R., Purushothaman, R., Vijayaraj, S. and Balasubramanian, P.	Investigation of Thermal Energy Storage (TES) with lotus stem biocomposite block using PCM.	Cleaner Engineering and Technology ISSN: 0959-6526	-	Yes	Yes	-	-	-	https://doi.org/10.1016/j.clet.2021.100146
3	Paulraj, P., Balakrishnan, K., Rajendran, R.R.M.V. and Alagappan, Balaji	Investigation on Recent Research of Mechanical Properties of Natural Fiber Reinforced Polymer (NFRP) Materials	Materiale plastic ISSN Online 2668-8220	0.593	Yes	Yes	Yes	-	-	https://doi.org/10.37358/Mat.Plust.1964

4	P.Prabhu, B.Karthikeyan, R.Ravi raja malar vannan, and A. Balaji	Dynamic mechanical analysis of Silk and Glass (S/G/S) / Pineapple and Glass (P/G/P) / Flax and Glass (F/G/F) reinforced LanneaCoroman delica blender hybrid nano composites	Journal of Materials Research and Technology ISSN 2238- 7854.	5.039	Yes	Yes	Yes	-	-	https://doi.org/ 10.1016/j.jmrt. 2021.09.068
5	Sambandamoort hy Senthilrajan, Narayanan, V., Chinnapandi, L. B. M.,	Impact of fiber length and surface modification on the acoustic behaviour of jute fiber	Applied Acoustics ISSN 0003682X , 1872910X	2.63	Yes	Yes	Yes	-	-	https://doi.org/ 10.1016/j.apac oust.2020.107 677

6	Sriharan, G., S. Harikrishnan, and H. M. Ali	Experimental investigation on the effectiveness of MHTHS using different metal oxide- based nanofluids	Journal of Thermal Analysis and Calorimetry ISSN 13886150, 15882926	4.62	Yes	Yes	Yes	-	-	https://doi.org/ 10.1007/s1097 3-020-09779-5 73-020-09779- 5
7	Sriharan, G., Harikrishnan, S., Kalaiselvam, S., Oztop, H.F. and Abu-Hamdeh, N.	Experimental investigation on the heat transfer performance of MHTHS using ethylene glycol- based nanofluids.	Journal of Thermal Analysis & Calorimetry , 13886150, 15882926	4.62	Yes	Yes	Yes	-	-	https://doi.org/ 10.1007/s1097 3-020-09764-y

8	Prabhu, P., Siva Kumar, M., Mohamed Iqbal, S., Balaji, A. and Karthikeyan, B.	Optimization of Drilling Parameters on Clay and Glass Fiber Reinforced Polyester Nanocomposites Using Metaheuristics Techniques.	Surface review and letters ISSN 0218625X	1.15	Yes	Yes	Yes	-	-	10.1142/S0218625X2500147
9	Ganeche, P. S., Balasubramanian, P., and Vishvanathperumal, S.	Halloysite Nanotubes (HNTs)-filled Ethylene-propylene-diene Monomer/styrene-butadiene Rubber (EPDM/SBR) Composites: Mechanical, Swelling, and Morphological Properties	SILICON ISSN 1876990X , 18769918	2.67	Yes	Yes	Yes	-	-	https://doi.org/10.1007/s12633-021-01410-y

10	Dr.C.Swaminathan A. Hajamaideen	Influence of iron oxide nanoparticles with different injection pressures using lotus seed methyl ester biodiesel: an experimental investigation	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects ISSN 15567036, 15567230	3.447	Yes	Yes	Yes	-	-	https://doi.org/10.1080/15567036.2021.2009594
11	P Prabhu, A Balaji , DJayabalakrishnan, N Velmurugan, P Vimalnathan, B Karthikeyan, V Balaji, S Dinesh	Study on Machining Parameters and Mechanical Properties of Hybrid Agave Sisalana and Glass Fiber-reinforced Polyester Composites (A/GFRP)	Journal of Natural Fibers	5.323	Yes	Yes	Yes	-	-	10.1080/15440478.2022.2036288

12	A. Balaji , S. Kannan, R. Purushothaman, S. Mohanakannan, A. Haja Maideen, J. Swaminathan, B. Karthikeyan, P. Premkumar	Banana fiber and particle reinforced epoxy biocomposites: mechanical, water absorption, and thermal properties investigation	Biomass Conversion and Biorefinery ISSN 21906815, 21906823	4.987	Yes	Yes	Yes	-	-	10.1080/15440478.2022.2036288
13.	P. Prabhu, B. Karthikeyan, R. Ravi Raja Malar Vannan & A. Balaji	Mechanical, thermal and morphological analysis of hybrid natural and glass fiber-reinforced hybrid resin nanocomposites	Biomass Conversion and Biorefinery ISSN 21906815, 21906823	4.987	Yes	Yes	Yes	-	-	https://doi.org/10.1007/s13399-022-02632-9

14.	M. Chandrasekar, S. Rajkumar & M. Varatharajulu	Improvement in electrical energy efficiency of solar photovoltaic panel by passive refrigeration cooling system	international journal of energy and water resources issn number ISSN 2538-3604	-	Yes	-	-	-	-	https://doi.org/10.1007/s10934-007-9143-1
15.	C. Gopinath and S. Senthilrajan T. TAMILANBAN*, T. S. Ravikumar	Taguchi GRA optimization of stir casting parameters in Al-SiC composite	Journal of Ceramic Processing Research ISSN 12299162	0.69	Yes	Yes	Yes	-	-	10.36410/jcpr.2021.22.6.629 10.36410/jcpr.2021.22.6.629

16.	M Varatharajulu, Muthukannan Duraiselvam, M Bhuvanesh Kumar, G Jayaprakash, N Baskar	Multi criteria decision making through TOPSIS and COPRAS on drilling parameters of magnesium AZ91	Journal of Magnesium and Alloys	10.08	Yes	Yes	Yes			https://doi.org/ 10.1016/j.jma. 2021.05.006
17.	M Varatharajulu, R Shahithya, G Jayaprakash, N Baskar, J Paulo Davim	Evaluation of desirability function approach and grey relation analysis for modeling circularity, perpendicularity and cylindricity in drilling magnesium AZ31	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	1.62	Yes	Yes	Yes			https://doi.org/ 10.1177%2F09 544089209527 53

18.	M Varatharajulu, Muthukannan Duraiselvam, G Jayaprakash, N Baskar, P Karthick, R Anbarasu	Modeling and Optimization of Hole Accuracy and Drilling Time in Magnesium AZ31 Plate	Surface review and letters ISSN 0218625X	1.15	Yes	Yes	Yes	-	-	https://doi.org/ 10.1142/S0218 625X2150059 1
19.	M Varatharajulu, Muthukannan Duraiselvam, K Arun Kumar, C Gabrial Kanniyan, Ramkumar Sathiyamurthy	Experimental investigation of the effect of independent parameters in the face milling of aluminum 6082 alloy	Transaction s of the Indian Institute of Metals	1.225	Yes	Yes	Yes	-	-	https://doi.org/ 10.1007/s1266 6-020-02161-x

Department of Computer Science

S. No	Name of the Faculty Member	Title of the Manuscript	Name of the Journal, Vol., No., pp (ISSN No.)	Impact Factor/h-index	Listed					DOI
					Scopus	Google Scholar	Web of science	Pub med	Indian Citation Index	
1.	R.RAMYA	Tracking Challenges in Online Social Environment using Deep Learning Techniques	International Journal of Scientific Research in Computer Science, Engineering and Information Technology ISSN : 2456-3307 UGC Journal No : 64718 Volume 8, Issue 1 Page Number: 162-170		No	Yes	No	No	Yes	Mar 2022 https://doi.org/10.32628/CSEIT228121
2.	M.Devi Sri Nandhini, Dr.G.Pradeep	Efficacy improvement of aspect-based sentiment analysis using enhanced rule-based approach and domain-specific	Journal of Intelligent and Fuzzy Systems, ISSN:1875-8967, Anna university Annexure - I Journal Vol no: Pre-press, pp. 1-19	1.7	Yes	Yes	Yes	Yes	Yes	10.3233/JIFS-213584

		lexicon								
3.	M.Devi Sri Nandhini, Dr.G.Pradeep	Aspect Based Sentiment Analysis of Restaurant Reviews using Dependency Parsing and Rule Matching	Dickensian Journal, Scopus, UGC Vol:22, Issue:4, May 2022	0.16	Yes	Yes	Yes	Yes	Yes	-
4.	R.Sudha, Dr.G.Indirani, Dr.S.Selvamuthukumaran	Fog Enabled Cloud Based Intelligent Resource Management Approach Using Improved Grey Wolf Optimization Strategy and Kernel Support Vector Machine	Journal of Computational Theoretical and Nanoscience Volume 18, 1275–1281 (2021)		Yes	Yes	Yes	Yes	Yes	https://doi.org/10.1166/jctn.2021.9401
5.	Mrs.V.Sathya, Dr. V.Vani, Dr.Sridhar, Mr.M.Kirankumar	An Obfuscation Technique for Malware Detection and Protection in Sandboxing	Artificial Intelligence for cyber security: methods issues and possible horizons or opportunities Volu		Yes	Yes	Yes	Yes	Yes	https://doi.org/10.1007/978-3-030-72236-4_10

			me 972, 502891_1_En (10)							
6.	E. Sivasankar, K. Krishnakumari, P. Balasubramanian;	An enhanced sentiment dictionary for domain adaptation with multi-domain dataset in Tamil language (ESD-DA)	Soft Computing, Springer, Berlin Heidelberg Volume 25, Issue: 05, pp: 3697–3711	3.050	Yes	Yes	Yes	Yes	Yes	https://doi.org/10.1007/s00500-020-05400-x
7.	R.Ramya, A.Arunpandiyan	Predicting unwanted user in Social Communities using machine learning techniques	International Research Journal of Modernization in Engineering Technology and Science 2582-5208 Volume:03 Issue:01		No	Yes	No	No	Yes	-
8.	R.Sudha, S.Arunprasad	Gas Leakage Detection and alerting system using IoT for home and industrial safety	International journal of creative research thoughts Volume 8, Issue 9		No	Yes	No	No	Yes	-
9.	R.Sudha, Dr.G.Indirani, Dr.S.selvamuthukumar	Hybridization of Improved Shuffled Frog Leaping Algorithm	Journal of Green Engineering Volume-10, Issue-10, 7602-7620		No	Yes	No	No	Yes	-

		with Elastic Neural Network for Fog Enabled Cloud based Intelligent Resource Management								
10.	P.Iswarya, Dr.S.Padmapriya	Privacy Based Multiple Location Transformati on Using Encryption Free Framework	International Journal of Creative Research Thoughts Vol. 8, Issue-7, pp. 3732-3739		No	Yes	No	No	Yes	-
11.	Mrs.J.Sudha, Ms.S.Ramapriya	Rumor detection twitter using graph convolutional network	International journal of creative research thoughts Vol. 8, Issue-6,3019-3025		No	Yes	No	No	Yes	-
12.	Mrs.V.Sathya, N.Prathipa	Multi-storage distributed storage for image security using dual mode encryption	International Journal of Creative Research Thoughts Volume 8, Issue 5,		No	Yes	No	No	Yes	-

Department of Electronics and communication Engineering

S. No	Name of the Faculty Member	Title of the Manuscript	Name of the Journal, Vol., No., pp (ISSN No.)	Impact Factor/h-index	Listed					DOI
					Scopus	Google Scholar	Web of science	Pubmed	Indian Citation Index	
1	Dr.B.S.Sathishkumar	An Extensive Survey on Design Techniques of Fractal Structures using Iterated Function System in Patch Antenna	International Journal of Communication Systems. Vol.34, Issue15 1099-1131	2.047	Yes	Yes	Yes	-	Yes	doi.org/10.1002/dac.4932

Department of Information Technology

S. No	Name of the Faculty Member	Title of the Manuscript	Name of the Journal, Vol., No., pp (ISSN No.)	Impact Factor/h-index	Listed					DOI
					Scopus	Google Scholar	Web of science	Pubmed	Indian Citation Index	
1	Mrs.K.Aruna	Ant Colony Optimization-	Intelligent Automation							<i>doi:10.32604/ias</i>

		based Light Weight Container (ACO-LWC) Algorithm for Efficient Load Balancing	& Soft Computing, vol. 34, no.1, pp. 205–219, 2022.							c.2022.024317
2	Mrs.K.Aruna	“Monitoring Docker Container towards Smooth Interaction between Development and Operations and Measure the Performance”	International Journal of Advance and Innovative Research (IJAIR), ISSN 2394 - 7780, Volume 8, Issue 4 (V) October - December 2021, Pg. No. 94 – 103.							
3	Dr. V. Padmavathi	An adaptive QoS supportive approach for user based services using Krill Herd Approach over	International Journal of Knowledge-based and Intelligent Engineering Systems		Yes		Yes			DOI 10.3233/KES-210056

		Internet of Things (KHAI)								
4	D.Mahalakshmi	Nature-Inspired Feature Selection Algorithms: A Study	Lecture Notes on Data Engineering and Communications Technologies							

Department of Electrical and Electronics Engineering

S. No	Name of the Faculty Member	Title of the Manuscript	Name of the Journal, Vol., No., pp (ISSN No.)	Impact Factor/h-index	Listed					DOI
					Scopus	Google Scholar	Web of science	Pubmed	Indian Citation Index	
	Dr.A. Ravi, R.Nandhini , K.Bhuvaneshwari, J.Divya , K.Janani	Traffic Management System using Machine Learning Algorithm,	International Journal of Innovative Research in Technology (IJIRT) ,Volume 7,Issue 11, 2021, ISSN: 2349-6002,	-	NO	YES	NO	NO	NO	
	Dr.M.Latha	Secured Framework for Fish Farming using Internet of Things and Blockchain,	International Journal of Computational Intelligence in Control, Vol.13 ,No. 1,June 2021, ISSN: 0974-8571,		NO	YES	NO	NO	NO	
	N Dhanasekar, S Pasupathi Raja, S Soundarya	IoT Based Smart Garbage Collecting System	IUP Journal of Electrical and Electronics Engineering Vol. 14, No.4, OCT.20		NO	YES	NO	NO	NO	

Department of Instrumentation and Control Engineering

S. No	Name of the Faculty Member	Title of the Manuscript	Name of the Journal, Vol., No., pp (ISSN No.)	Impact Factor/h-index	Listed					DOI
					Scopus	Google Scholar	Web of science	Pubmed	Indian Citation Index	
1	Dr.C.Ravikumar Mrs.M.Vinodhini	Performance Analysis of coupled tank system using IPD controller	International Journal of Advanced research in Electrical, Electronics and Instrumentation Engineering, Vol 11, Issue 1, ISSN NO. 2278-8875	7.28		yes				
2	Dr.S.Vadivazhagi Dr.Ka.Suriyaprabha Mr.K.Arulselvan	Real-time Implementation of optimized controller for a water level system	International Journal of Novel research and Development, Vol 7, Issue 2, ISSN No. 2456-4184	8.76		yes				

Department of Civil Engineering

S. No	Name of the Faculty Member	Title of the Manuscript	Name of the Journal, Vol., No., pp (ISSN No.)	Impact Factor/h-index	Listed					DOI
					Scopus	Google Scholar	Web of science	Pubmed	Indian Citation Index	

1.	Mrs.S.Alarmelumangai Mrs.K.Ashwini Mr.S.Ambethkar Mr.K.Ramesh	Experimental study on domestic effluent used in concrete.	International research Journal of engineering and technology	7.529	-	-	-	-	-	https://www.irjet.net/archives/V9/i4/IRJET-V9I417.pdf
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Department of Management Studies

S. No	Name of the Faculty Member	Title of the Manuscript	Name of the Journal, Vol., No., pp (ISSN No.)	Impact Factor/h-index	Listed					DOI
					Scopus	Google Scholar	Web of science	Pubmed	Indian Citation Index	
1.	Dr.G.Sridevi	Opportunities for women Entrepreneurs in India	International journal of advance & innovative research ISSN :2394-7780 Vol:8,pp 254-257			Yes				
2.		The lesson learned from the pandemic in terms of exports	International journal of advance & innovative research ISSN :2394-7780 Vol:8,pp 328-330			Yes				
3.	Dr.J.Swaminathan	Boom of Branding	International journal of advance & innovative research ISSN :2394-7780			Yes				

			Vol:8,pp 75-78							
4.	Mrs.R.Renukadevi	Applying JURAN Trilogy in Two Years Journey of Ayushman Bharat-PMJAY with a Goal of Universal Health Coverage in India	Turkish Journal of Physiotherapy Rehabilitation ISSN 2651-4451 e-ISSN 2651-446X		Yes	Yes				
5.	Dr.M.S.Gayathri	The Monsterial growth of digital marketing aegis knowledge view	International journal of advance & innovative research ISSN :2394-7780 Vol:8,pp 248-253			Yes				
6.	Dr.G.Sridevi,	“Need Analysis for Continuous Reskilling of Employees” With Special References to Amman TRY-Steel Private Limited – At Trichy	Gradiba Review Journal ISSN NO: 0363-8057			Yes				
7.	Mrs.R.Renukadevi	The Practical Challenge of Social Health Insurances in Health Care Management	Aegaeum Journal ISSN NO: 0776-3808			Yes				
		Patient Health Record	International Journal for quality			Yes				

8.		Management –An E-Government Healthcare information system Approach	research							
9.	Dr.M.S.Gayathri	Need Analysis for Continuous Reskilling of Employees With Special References to Amman TRY- Steel Private Limited – At Trichy	Gradiba Review Journal ISSN NO: 0363- 8057			Yes				

Department of Science and Humanities

S. No	Name of the Faculty Member	Title of the Manuscript	Name of the Journal, Vol., No., pp (ISSN No.)	Impact Factor/ h-index	Listed					DOI
					Scopus	Google Scholar	Web of science	Pubm ed	Indian Citation Index	
1	J.Swaminathan	Banana fiber and particle-reinforced epoxy biocomposites: mechanical water absorption and thermal properties	Biomass conversion and biorefinery	4.987	yes	yes	yes			http://doi.org/10.1007/s13399-022-02829-y

		investigation								
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