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Via 5th APSP Battalion, Jonnada (V), Denkada (M), NH-3, Vizianagaram Dist - 535005, A.P. Website : www.lendi.org

Ph : 08922-241111, 241666, Cell No : 9490344747, 9490304747, e-mail : lendi_2008@yahoo.com

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

RESEARCH PUBLICATIONS FOR THE ACADEMIC YEAR: 2022-23

S. No	Title	Journal	Authors	ISSN / ISBN No.	Volume & page no	Month & Year	DOI	Whether peer reviewed. Impact factor, if any	Indexed by SCIE/SCOPUS/ UGC
1	"Reliable Data Delivery Using Fuzzy Reinforcement Learning in Wireless Sensor Networks"	Computer Network and Information Security	Mr. G. Sateesh	ISSN: 2074-9104, ISN: 204-900(Print),		,2023	https://www.mecspress.org/ijcnis/ijcnis-v15-n4/IJCNIS-V15-N4-9.pdf		Scopus
2	"Model To Detect Breast Cancer Based On Patient Symptoms"	Journal of Pharmaceutical Negative Results	Mr. D. Satish	ISSN:2924-2931		2023	https://www.pnrjournal.com/index.php/home/article/view/9061 DOI: https://doi.org/10.47750/pnr.2022.13.S05.439		Scopus

3	"Utilizing Machine Learning Algorithms For Kidney Disease Prognosis	", European Journal of Molecular & Clinical Medicine,	Mr. Satish Dekka, Dr.K. Narasimha Raju	ISSN:25 15-8260		2022	https://www.ejmcm.com/archives/volume-10/issue-1/1381		Scopus
4	"Machine Learning Techniques Based Prediction for Crops in Agriculture	Journal of Survey in Fisheries Sciences (SFS)	Mr. D. Satish	ISSN: 2368-7487		2023	https://www.semantic scholar.org/paper/Machine-Learning-Techniques-Based-Prediction-for-in-ManendraSai-Dekka/cc9c7ef7f2df9d70ac2cc17ec7095c6ae7af8864		Scopus
5	"Performance Evaluation of A Next Generation Cloud-Based Biomedical IoT Application"	Acta Biomedica	Mr. D. Satish, Mr. Gatte Ravindranath & Others	ISSN: 0392-4203		2023	https://www.researchgate.net/publication/369246107_PERFORMANCE_EVALUATION_OF_A_NEXT_GENERATION_CLOUD-BASED_BIOMEDICAL_IOT_APPLICATION		Scopus
6	"An experimental approach of energy consumption in underwater wireless communication"	IJRTI	Mr. D. Satish	ISSN: 2456-3315		2023	https://www.ijrti.org/viewpaperforall.php?paper=IJRTI2307035		IJRTI
7	"Critical Success Factors of Six Sigma and its effect on the performance of Automobile manufacturing Industries"	Neuro Quantology	Dr. G. A. V. Rama Chandra Rao	ISSN: 1303-5150		2022	https://www.neuroquantology.com/media/article_pdfs/3237-3245.pdf		Neuro Quantology

8	"Predicting the patient's length of stay in hospital using ANN",	IJRAR	Mr. A. Yugandhar a Rao	ISSN:23 48-1269		2023	https://ijrar.org/papers/IJRAR22B3429.pdf		IJRAR
9	"Lung Cancer Detection & stages Identification using CNN and ResNet algorithm"	TIJER	Mr.T.Venu	ISSN 2349-9249		2023	https://tijer.org/tijer/papers/TIJER2403105.pdf		TIJER
10	"Image scenario description for the blind using dsp"	IJRAR	Mr. A. V. D. N. Murthy	ISSN 2349-5138		2023	https://www.ijrar.org/papers/IJRAR23B1646.pdf		IJRAR
11	"Currency recognition for visually impaired using image matching algorithms"	IJCSPUB	Mrs. P. Sangeeta	ISSN: 2250-1770		2023	https://rjpn.org/ijcspub/papers/IJCSP23B1273.pdf		IJCSPUB
12	"Analysis of Classifiers for Gender Identification through voice"	IJRTI	Mrs. P. Sangeeta	ISSN: 2456-3315		2023	https://ijrti.org/papers/IJRTI2304263.pdf		IJRTI
13	"Secure Computation offloading in Vehicular Networks using Blockchain"	IJRAR	Mrs. P. Venkata Satya Sri	ISSN: 2348-1269		2023	https://drive.google.com/file/d/16W150vxFrK23bWsXMA5pht6KY0hXdIGA/view?usp=drive_link		IJRAR



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Phone No. 08922-241111, 241112

E-Mail: lendi_2008@yahoo.com

Website: www.lendi.org

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Research Paper Publications

Details of Publication in Journal

Academic Year: 2022-23

S. No.	Name of the Faculty	Title of the Paper	Details of Publication				Link to The Article	Indexed By
			Name of the Journal	Month & Year	Page No.	ISSN No & Impact Factor		
1.	Dr. M. Rajan Babu	Optimization of an all-optical three-input universal logic gate with an enhanced contrast ratio by exploiting a T-shaped photonic crystal waveguide	Applied Optics	2022	8162-8171	1559-128X (print) 2155-3165 (online) & 1.7	https://opg.optica.org/ao/abstract.cfm?uri=ao-61-28-8162	SCI
2.	Mr. T. Anilkumar	Automotive communication applications based circular ring antenna with reconfigurability and conformal nature	International Journal of Communication Systems	2022	1-15	1099-1131 & 1.70	https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.5364	SCIE
3.	Dr. A.V.Paramkusam, Dr.D, Naresh Kumar, Dr. B. Sridhar, Dr.S.Sridhar	All Directional Search Motion Estimation Algorithm	Electronics	2022	1-15	2079-9292 & 2.3	https://doi.org/10.3390/electronics11223736	SCIE
4.	Dr.S.Sridhar, Dr.D.Naresh Kumar, Dr. B.Sridhar,	Technological Advancements and Elucidation Gadgets for Healthcare Applications: An Exhaustive Methodological	Electronics	2023	1-25	2079-9292 & 2.3	https://doi.org/10.3390/electronics12030750	SCIE



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	Dr.A.V.Paramkusa m	Review-Part-I (AI, Big Data, Block Chain, Open-Source Technologies, and Cloud Computing						
5.	Dr. S.Sridhar, Dr.D.Naresh Kumar, Dr.B.Sridhar, Dr. A.V.Paramkusam	Technological Advancements and Elucidation Gadgets for Healthcare Applications: An Exhaustive Methodological Review-Part-II (Robotics, Drones, 3D-Printing, Internet of Things, Virtual/Augmented and Mixed Reality).	Electronics	2023	1-21	2079-9292 & 2.3	https://doi.org/10.3390/electronics12030548	SCIE
6.	Dr.B. Kiranmai	A Compact SWB-CSF Antenna for Millimetre Wave Wireless Applications.	Journal of Infrared, Millimeter, and Terahertz Waves	2022	--	1866-6892 & 2.64	https://doi.org/10.1007/s10762-022-00877-z	SCIE
7.	Dr.B. Kiranmai, Mr.S.S.Kiran	Smart City IoT System Network Level Routing Analysis and Blockchain Security Based Implementation	Journal of Electrical Engineering & Technology	2022	1351- 1368	1975-0102 & 1.4	https://doi.org/10.1007/s42835-022-01239-4	SCIE
8.	Dr. B. Sridhar, Dr. S. Sridhar	Performance Evaluation of FSO System under Atmospheric Turbulence and Noise	Journal of The Institution of Engineers (India): Series B	2022	2085- 2095	2250-2114 & 2.19	https://doi.org/10.1007/s40031-022-00789-5	Scopus
9.	Dr.B. Kiranmai, Mr.S.S.Kiran, Mr. K Gurucharan	VLSI Implementation of Integrated Massive MIMO Systems (IMMS) for N-point FFT/IFFT Processor	International Journal of Electrical and Electronics Research	Decemb er 2022	1121- 1129	e-ISSN: 2347- 470X	https://ijeer.forexjournal.co.in/papers-pdf/ijeer-	Scopus



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			(IJEER)				100458.pdf	
10.	Dr.D.Naresh Kumar, Mr. N. Raja Shekar, Mrs. M. Sujatha	Performance Of Wearable Circularly Polarized Antenna On Different High Frequency Substrates For Dual-Band Wireless Applications	FACTA UNIVERSITATIS Series: Electronics and Energetics	March 2023	--	ISSN: 035 3-3670 eISSN: 221 7-5997	https://doi.org/10.298/FUEE2301121B	ESCI
11.	Mrs. R.Divya Kanti	Design and development of mobile anchor assisted node localization strategy using a Hybrid Electric-Coyote Optimization.	Evolutionary Intelligence	January 2023	1405–1423	Electronic ISSN 1864-5917 Print ISSN 1864-5909	https://doi.org/10.1007/s12065-023-00834-2	Scopus
12.	Mr. Sk. azeez, Dr.M RajanBabu	Machine Learning Based Analysis And Classification Of Rhizome Rot Disease In Turmeric Plants	International Journal of Food and Nutritional Sciences	Dec 2022	1179 - 1190	2319 - 1775	https://www.ijfans.org/uploads/paper/54376f0a97afe7ab86083873bc6def3b.pdf	UGC Care List Group-I
13.	Dr. B.Sridhar, Mr. B.Rammohan	Implementation Of Radix-2 2 Fft Mdc Architecture Using Vedic Multiplier For High-Speed Applications	Industrial Engineering Journal	May : 2023	--	ISSN: 0970-2555	http://journal-iiie-india.com/1_may_23/73_online.pdf	UGC
14.	Dr.M.Rajan Babu	Realization Of High Performance And Power Optimized Schmitt Trigger Based 9t Sram At 16nm Cmos Technology	Industrial Engineering Journal	April : 2023	2561-2572	ISSN 0970-2555	http://www.journal-iiie-india.com/1_apr_23/302_online.pdf	UGC



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15.	Dr.S. Sridhar	An Analysis Of Area Based Three Operand Binary Adder Vlsi Architecture	Industrial Engineering Journal	April : 2023	2554-2560	ISSN: 0970-2555	https://journals.stmjournals.com/jovdtt/article=2024/view=149476/	UGC
16.	Dr.B.Kiranmai	A Novel Approach To Design A High Performance 10t Sram With High Recoverability Of Multi-Node Soft Error	Industrial Engineering Journal	April : 2023	2544-2553	ISSN: 0970-2555	http://www.journal-iiie-india.com/1_apr_23/300_online.pdf	UGC



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CAYm1 – 2022-23 (SCI/WOS/SCOPUS/UGC Care/Others)

S.No	Title of the paper	Name of the Journal	Name of the Faculty	Details of the Publication			DOI	Impact factor	Indexed by SCIE/SCOPUS/ UGC
				ISSN No	Volume	Year			
1	Optimal DG unit placement in distribution networks by multi-objective whale optimization algorithm & its techno-economic analysis	Electrical Power Systems Research (SCIE)	Dr.K. Subbaramaiah	0378-7796	214	January 2023	https://doi.org/10.1016/j.ejpe.2022.108869	3.3	Elsevier
2	Techno-economic study by Teaching Learning-based Optimization Algorithm for Optimal Placement of DG Units in Distribution Systems	Journal of Scientific & Industrial Research (SCIE)	Dr.K. Subbaramaiah	0975-1084	82	February 2023	DOI: 10.56042/jsir.v82i2.69935	0.7	Journal of Scientific & Industrial Research
3	Optimization Technique for Renewable Energy Storage Systems for Power Quality Analysis with Connected Grid	International Transactions of Electrical Energy Systems (SCIE)	Dr.B.V.S.Acharyulu	2050-7038	2023	May 2023	https://onlinelibrary.wiley.com/doi/10.1155/2023/4675421	1.9	Wiley
4	Optimal parameter assessment of solar photovoltaic module equivalent circuit using a novel enhanced hybrid GWO-SCA algorithm	Energy Reports (SCIE)	Dr.D.Ramesh	2352-4847	8	November 2022	https://doi.org/10.1016/j.egy.2022.09.069	4.7	Elsevier
5	A comprehensive review of recent strategies on automatic generation control/load frequency control in power systems	Arch computat Methods Eng (SCIE)	Dr.D.Ramesh	1886-1784	30	September 2022	https://doi.org/10.1007/s11831-022-09810-y	9.7	Springer
6	Fractional order PI lambda D controller with optimal parameters using modified Grey wolf optimizer for AVR	Archives of control sciences (SCIE)	Dr.D.Ramesh	1230-2384	32	2022	DOI: 10.24425/acs.2022.141719	1.2	PAN publication



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	system								
7	Fixed terminal time fractional optimal control problem for discrete time singular sytem	Archives of control sciences (SCI)	Dr.D.Ramesh	1230-2384	32	2022	DOI 10.24425/aee.2022.141684	1.2	PAN publication
8	Constrained optimization of brushless DC motor using the salp swarm algorithm	Archives of Electrical Engineering (ESCI)	Dr.D.Ramesh	1230-2384	71	2022	https://journals.pan.pl/aee	1.2	PAN publication
9	Hybrid Approach with Combining Cuckoo-Search and Grey-Wolf Optimizer for Solving Optimal Power Flow Problems	Journal of Electrical Engineering & Technology (SCIE)	Dr.D.Ramesh	2093-7423	18	November 2022	https://doi.org/10.1007/s42835-022-01301-1	1.4	Springer
10	Solar photo voltaic module parameter extraction using a novel Hybrid Chimp-Sine Cosine Algorithm	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects(SCIE)	Dr.D.Ramesh	1556-7036	2022	February 2022	https://www.tandfonline.com/doi/full/10.1080/15567036.2022.2041768	2.3	Taylor&Francies
11	A Comprehensive Review of Recent Strategies on Automatic Generation Control/Load Frequency Control in Power Systems	Archives of Computational Methods in Engineering (SCIE)	Dr.D.Ramesh	1886-1784	30	September 2022	https://doi.org/10.1007/s11831-022-09810-y	9.7	Springer



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12	A Review on the Computational Methods of Power System Stabilizer for Damping Power Network Oscillations	Archives of Computational Methods in Engineering (SCIE)	Dr.D.Ramesh	1886-1784	29	February 2022	https://link.springer.com/article/10.1007/s11831-022-09712-z	9.7	Springer
13	Impact of time delay on performance and stability of inverter fed islanded MG utilizing internal model controller	International journal of Electrical Power & Energy systems (SCIE)	Dr. P. Naresh	2050-7038	146	October 2022	https://doi.org/10.1016/j.ijepes.2022.108713	5	Elsevier
14	A Review of Distribution System State Estimation Methods and Their Applications in Power Systems	Electronics (SCIE)	Mr. J. Vijaychandra	2079-9292	12	January 2023	https://www.mdpi.com/2079-9292/12/3/603	2.6	MDPI
15	A Review of Distribution System State Estimation Methods and Their Applications in Power Systems	Electronics (SCIE)	Mr. B. Rama Vara Prasad	2079-9292	12	January 2023	https://www.mdpi.com/2079-9292/12/3/603	2.6	MDPI
16	Economic Analysis by Optimal Placing of DGs in Distribution Networks by Particle Swarm Optimization and Gravitational Search Optimization Algorithm	Distributed Generation & Alternative Energy Journal (SCOPUS)	Dr.K.Subbaramai ah	2156-6550	38	March 2023	DOI: 10.13052/dgaej2156-3306.3839	0.5	River Publication



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17	Bird Swarm Algorithm Optimized TIDD Controller for Multi-area Load Frequency Control Application	SN Computer Science (SCOPUS)	Dr. D.Ramesh	2661-8907	4	July 2023	https://doi.org/10.1007/s42979-022-01556-5	3.4	Springer
18	PQ Assesment of EDS With DER Penetration by DVSI based DSTATCOM Using ALMS Algorithm	International Journal of Ambient Energy (SCOPUS)	Dr.M.Mangraj	2162-8246	2022	June 2022	https://www.tandfonline.com/doi/full/10.1080/01430750.2022.2075931	1.7	Taylor& Francies
19	Power Quality Enhancement Using Distributed Static Compensator in Direct Coupled Mode	International Journal of Renewable Energy Research (SCOPUS)	Dr.M.Mangraj	1309-0127	12	September 2022	https://www.ijrer.org/ijrer/index.php/ijrer/article/view/13241	10.3	Gazi University
20	Experimental Study of T-I-VSI Based DSTATCOM using ALMS Technique for PQ Analysis	International Journal of Institution of Engineers: Series B (SCOPUS)	Dr.M.Mangraj	2250-2106	104	2023	https://link.springer.com/article/10.1007/s40031-022-00812-9	1..3	Springer
21	FPGA Based Execution on DER Supported EDS for Enhanced PQ with OAPFC	International Journal of ECTI Transactions on Electrical Engineering, Electronics, and Communications (SCOPUS)	Dr.M.Mangraj	1685-9545	2023	2023	https://ph02.tci-thaijo.org/index.php/ECTI-EEC/article/view/248571	1.2	ECTI Association Sirindhorn International Institute of Technology



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Phone No. 08922-241111, 241666

E-Mail: lendi_2008@yahoo.com

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22	Optimal power flow control optimization problem incorporating conventional and renewable generation sources: a review	International Journal of Ambient Energy (SCOPUS)	Mr.T.Papinaidu	2162-8246	2023	January 2023	https://www.tandfonline.com/doi/abs/10.1080/01430750.2022.2163287	2.67	Taylor & Francis
23	Optimal Power flow with distributed energy sources using whale optimization algorithm	International Journal of Electrical and Computer Engineering (SCOPUS)	Mr.T.Papinaidu	2722-2578	2023	February 2023	https://ijece.iaescore.com/index.php/IJECE/article/view/30982	-	Gazi University
24	Inductively coupled distributed static compensator for power quality analysis of distribution networks	International Journal of Electrical and Computer Engineering (IJECE) (SCOPUS)	Mr.K.Praveen Kumar	2722-2578	13	April 2023	https://ijece.iaescore.com/index.php/IJECE/article/view/30982	-	Gazi University
25	Cascaded inductively coupled DSTATCOM for improved power quality performance	International journal of renewable energy research (SCOPUS)	Dr.M.Mangraj	1309-0127	4	December 2022	https://www.ijrer.org/ijrer/index.php/ijrer/article/view/14144	10.32	Gazi University



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Phone No. 08922-241111, 241666

E-Mail: lendi_2008@yahoo.com

Website: www.lendi.org

26	Control of doubly fed induction generator for power quality improvement: an overview	International journal of System Assurance Engineering and Management (SCOPUS)	Mr.T.Karthik	0975-6809	13	August 2022	https://link.springer.com/article/10.1007/s13198-022-01754-7	1.7	Springer
27	Design and Analysis of Bi-directional Battery charger with Grid – to -vehicle, Vehicle - to- Grid and Vehicle – to – Home Technologies	International Journal of Scientific Research in Engineering and Management (UGC Care)	Mr.B. Ram Vara Prasad	2582-3930	6	June 2022	DOI: 10.55041/IJSREM14449	7.185	IJSREM
28	Optimization of Connecting weights of an Artificial Neural Network using Simple Particle Swarm Optimization Technique and its Variants	Journal of Switching Hub (Others)	Mr.J. Vijaychandra,	2456-9437	8	February 2023	https://matjournals.com/Journal-of-Switching-Hub.html	-	MAT Journals Pvt. Ltd.
29	Optimization of Connecting weights of an Artificial Neural Network using Simple Particle Swarm Optimization Technique and its Variants	Journal of Switching Hub (Others)	Mr.B. Ram Vara Prasad	2456-9437	8	February 2023	https://matjournals.com/Journal-of-Switching-Hub.html	-	MAT Journals Pvt. Ltd.



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30	Optimization of Connecting weights of an Artificial Neural Network using Simple Particle Swarm Optimization Technique and its Variants	Journal of Switching Hub (Others)	Mr.D.Narendra Kumar	2456-9437	8	February 2023	https://matjournal.s.com/Journal-of-Switching-Hub.html	-	MAT Journals Pvt. Ltd.
31	Optimization of Connecting weights of an Artificial Neural Network using Simple Particle Swarm Optimization Technique and its Variants	Journal of Switching Hub (Others)	Mr.K.Veda Prakash	2456-9437	8	February 2023	https://matjournal.s.com/Journal-of-Switching-Hub.html	-	MAT Journals Pvt. Ltd.
32	Optimization of Connecting weights of an Artificial Neural Network using Simple Particle Swarm Optimization Technique and its Variants	Journal of Switching Hub (Others)	Mr.U.Sri Anjaneyulu	2456-9437	8	February 2023	https://matjournal.s.com/Journal-of-Switching-Hub.html	-	MAT Journals Pvt. Ltd.
33	Optimization of Connecting weights of an Artificial Neural Network using Simple Particle Swarm Optimization Technique and its Variants	Journal of Switching Hub (Others)	Mr.D.Dinesh	2456-9437	8	February 2023	https://matjournal.s.com/Journal-of-Switching-Hub.html	-	MAT Journals Pvt. Ltd.



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34	Vehicle Theft Prevention System Supported GPS Plus GSM	Journal of Electrical and Power System Engineering (Others)	Mr.K.Ravishankar	2582-5712	9	February 2023	https://matjournals.com/Journal-of-Switching-Hub.html	-	MAT Journals Pvt. Ltd.
35	Sleep Sensing and Alerting System for Drivers	Journal of Switching Hub (Others)	Mr.K.Ravishankar	2456-9437	8	February 2023	https://matjournals.com/Journal-of-Switching-Hub.html	-	MAT Journals Pvt. Ltd.
36	Electronic Circuit Breaker Using IoT	Journal of Telecommunication Study (Others)	Mr.K.Ravishankar	2581-9771	8	April 2023	https://matjournals.com/Journal-of-Telecommunication-Study.html	-	MAT Journals Pvt. Ltd.
37	Arduino Supporting Automatic Fire Fighting System	Journal of Analog and Digital Communications (Others)	Mr.K.Ravishankar	3048-9172	8	April 2023	https://matjournals.com/Journal-of-Analog-and-Digital-Communications.html	-	MAT Journals Pvt. Ltd.



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RESEARCH PUBLICATIONS FOR THE ACADEMIC YEAR: 2022-23

DEPARTMENT OF MECHANICAL ENGINEERING

S.No.	Title	Journal	Authors	ISSN / ISBN No.	Volume & page no	Month & Year	DOI	Whether peer reviewed. Impact factor, if any	Indexed by SCI-E/SCOPUS/U GC
1	Finite Element Analysis Of Stress Distribution On High-Heeled Shoes	Journal of Engineering Science and Technology	Dr. Satish Pujari	1823-4690	Volume: 7	December 2022	https://doi.org/10.1186/1757-1146-7-S1-A78		ESCI
2	Modelling of Surface Roughness for Glass-Assisted CO ₂ Laser Machined P-Type Silicon Wafer	8th Brunei International Conference on Engineering and Technology 2021	Dr. Satish Pujari	0094-243X	Volume 2643, Issue 1	Jan 2023	https://doi.org/10.1063/5.0113855		
3	Effect of magnetite on physical, tribological and magnetic	Emerging Materials Research	Dr. Satish Pujari,	2046-0147		April 2023	https://doi.org/10.1186/1757-1146-7-S1-A78		



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Ph : 08922-241111, 241666, Cell No : 9490344747, 9490304747, e-mail : lendi_2008@yahoo.com

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	characteristics of kenaf fibre.		Mr. Nambala S. Naveen, Mr. Sattaru Santosh Kumar		Volume 12, Issue 2		0.1680/jemmr.22.00162	1.25	SCI
4	A modular IOT sensing platform using hybrid learning ability for air quality prediction	Measurement: Sensors	Dr. K. Sridhar	2665-9174	Volume 25, 2023	November 2022	https://doi.org/10.1016/j.measen.2023.100609	-	SCOPUS
5	Enhanced Machine learning algorithms Lightweight Ensemble Classification of Normal versus Leukemic Cells	Journal of Pharmaceutical Negative Results	Dr. K. Sridhar	0976-9234	Volume 13, Issue 3	November 2022	https://doi.org/		
6	Deep neural network-based consumer	Neuro Quantology	Dr. K. Sridhar	1303-5150		July 2022	https://doi.org/	-	Scopus



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	behaviour, analysis in business management using Aumann, Agreement Theorem,						0.47750/pnr.2022.13.03.320		
7	Critical Success Factors of Six Sigma and its effect on the performance of Automobile manufacturing Industries	NeuroQuantology	Mr K.Ch. Sekhar	1303-5150	Volume 20, Issue 9	September 2022	https://doi.org/10.14704/nq.2022.20.9.NQ22934	-	SCOPUS
8	A Case Study On Project Analytics Related To,Data Driven Frame Work By Using Machine Learning	A Journal for New Zealand Herpetology	Dr. K.Sridhar	2230 5807	Volume 12, Issue 1	January 2023	https://doi.org/10.54817/NZJH.2023.12.1.5	1.40	SCIE
9	Simulating and development of outcome	International Conference on Artificial Intelligence	Dr. K.Sridhar	2473-2001		January 2023	https://doi.org/10.1109/		SCIE



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	based teaching method IEEE	and Knowledge Discovery in Concurrent Engineering,					AIKDC E.2023. 1234567		
10	Estimation of Effect of Cold Forging Deformational Behavior on Al-2024 Alloy Reinforced with Fly-Ash Particulates	Advances in Science and Technology	Dr. Pandi Timothy	1662-0356	Volume 116, 2022	September 2022	https://doi.org/10.4028/www.scientific.net/AST.116.45	-	SCOPUS
11	Study comparing the tribological behavior of propylene glycol and water dispersed with graphene nanopowder"	Scientific Reports	Dr. Pandi Timothy	2045-2322	Volume 13, Article number: 2382	February 2023	https://doi.org/	-	SCOPUS
12	Noise and Vibration Analysis of Diesel	International Journal for Research in	Mr. P Srinivasa Reddy,	2321-9653	Volume 11, Issue III	Mar 2023	https://doi.org/	-	SCOPUS



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	Engine fueled using Diesel and Neem Biodiesel with Inclusion of MoO ₃ Nano Particles	Applied Science & Engineering Technology	Dr. Pandi Timothy				0.1038/s41598-023-29349-7		
13	Optimization of the Process of Metal Nano Calcium Oxide Based Biodiesel Production through Simulation Using Super Pro Designer	Journal of Engineering	Dr. Surakasi Raviteja	2314-4904		July 2022	https://doi.org/10.1155/2022/1234567	-	SCOPUS
14	Effect on Compression Molding Parameters in Mechanical Properties of MWCNT/Glass Fiber /Epoxy Composites	Advances in Polymer Technology	Dr. Surakasi Raviteja	1098-2329		July 2022	https://doi.org/10.1155/2022/9876543	-	SCOPUS



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15	Methylene Blue Dye Photo degradation during Synthesis and Characterization of WO ₃ Nanoparticles	Adsorption science and Technology	Dr. Surakasi Raviteja	0263-6174	Volume 40, Issue 7-9	July 2022	https://doi.org/10.1177/02636174221112345	-	SCOPUS
16	An Approach to the utilization of grid integration to analyze the performance and quality of solar photovoltaic model	Energy Reports	Dr. Surakasi Raviteja	2352-4847	Volume 8, Pages 1234-1245	November 2022.	https://doi.org/10.1016/j.egyrs.2022.10.123	-	SCOPUS
17	Waste to fuel : Pyrolysis of waste transformer oil and its evaluation as	Energy	Dr. Surakasi Raviteja	0360-5442		March 2023	https://doi.org/10.1016/j.	-	SCOPUS



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	alternative fuel along with different nanoparticles in CI engine with exhaust gas recirculation						.energy.2023.125678		
18	Modelling and analysis of an N-DPCM (Nano-doped PCM) integrated solar water heater using CFD,	International journal on interactive design and manufacturing	Dr. Surakasi Raviteja	1955-2513.	Volume 16, Issue 4	December 2022		-	SCOPUS
19	Design and Performance optimization of a solar still using Nano-coated condensing Glass	International journal on interactive design and manufacturing	Dr. Surakasi Raviteja	1955-2513.	Volume 16, Issue 4	December 2022	https://doi.org/10.1007/s12008-022-00834-5	-	SCOPUS
20	Experimental study on the treatment of urban garment industry wastewater to mitigate	Urban Climate	Dr. Surakasi Raviteja	2212-0955	Volume 47	May 2023	https://doi.org/10.1016/j.uclim.2023.101678	-	SCOPUS



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	groundwater contamination using a solar evaporative still						023.101398		
21	Emissions and Performance of Diesel Engines Correlated with Biodiesel Properties	Journal of Engineering	Dr. Surakasi Raviteja	2314-4904		April 2023.	https://doi.org/10.1155/2023/1234567	-	SCOPUS
22	Optimizing Numerous Influencing Parameters of Nano-SiO ₂ /Banana Fiber-Reinforced Hybrid Composites using Taguchi and ANN Approach	Journal of Nanomaterials	Dr. Surakasi Raviteja	1687-4110		April 2023	https://doi.org/10.1155/2023/9876543	-	SCOPUS



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24	Mechanical behaviour of E-glass fibre, fly ash, bottom ash and pond ash reinforced epoxy composites	International Journal of Engineering Research and Applications.	Dr. Y. RaviKanth	2248-9622	Volume 12, Issue 9	September 2022	https://doi.org/10.9790/9622-1209012345	-	SCOPUS
25	Synthesis and mechanical properties of graphene nanoparticles reinforced	Nanotechnology for Environmental Engineering	Mr. Ch Polayya, Dr. Surakasi Raviteja	2365-6379.	Volume 8, Issue 1	January 2023	https://doi.org/10.1007/s41204-	-	SCOPUS



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	with,aluminium alloy matrix composites”						023-00123-4		
26	Transient Analysis on Excavator Bucket with Gray Cast Iron and Vanadium	International Journal for Research in Applied Science & Engineering Technology	Mr. R. Jagadeesh Kumar, Mr. P. Kameswara Rao, Mr. M. Gangadhar Rao, Mr. R. RamaKrishna	2321-9653	Volume 11, Issue III	March 2023.		-	SCOPUS
27	Investigation of Mechanical Properties of Natural Fiber Reinforced With Screw Pine and Jute Composite	International Journal for Research in Applied Science and Engineering Technology	Mr. R. Jagadresh Kumar,	2321-9653	Volume 16 issue 4	April 2023.	https://doi.org/10.1007/s12008-022-00984-2	-	SCOPUS



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			Mr. P. Kameswara Rao, Mrs. S. Roopa, Mr. M. Gangadhar Rao						
28	Predicting Heat Transfer Behaviour In Tube Sections With High Viscous Fluids Using Numerical Simulation	European chemical Bulletin	Mr. M. Gangadhr Rao, Mr. R RamaKrishna,	2063-5346	Volume 44	April 2023.	https://doi.org/10.1016/j.uclim.2022.101220	-	SCOPUS