SIR C R REDDY COLLEGE OF ENGINEERING, ELURU

List of Indexed Research Publications

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Month & Year of publication	ISBN/ISSN number	Link to the website of the Journal	Link to article/paper/abstract of the article	Is it listed in Scopus/Web of Science /PubMed	Citation
					1st Jan 2024 to 26th November 2026					
1	Generalized Fixed -Point Theorems in Bn-Metric Spaces and Their Applications	M Durga Ratnam, S Ravi Kumar,G Srinivasa Rao	FED	TANZ JOIURNAL	December 2024	ISSN No: 1869-7720	https://tanzj.net/	https://tanzj.net/wp-content/uploads/2024/12/6.pdf	SCOPUS	207
2	Advancements in Machine Learning for IoT: AI-Driven Optimization and Security	Dr.G.Srinivasa Rao	FED	JISEM	07-02-2025	e-ISSN: 2468-4376	https://www.jisem-journal.com/index.php/journal/index	https://www.jisem-journal.com/index.php/journal/article/view/2787	SCOPUS	207
3	Chronic Kidney Disease Prediction Using ML-Based Neuro-Fuzzy Model	Vahiduddin Shariff	CSE	International Journal of Image and Graphics	Nov 2024	VOL. 24, NO. 06	https://www.worldscientific.com/	https://doi.org/10.1142/S0219467823400132	WOS	41
4	Improving predictive performance in e-learning through hybrid 2-tier feature selection and hyper parameter-optimized 3-tier ensemble modeling	T N S Koti Mani Kumar	CSE	International Journal of Information Technology	July 2024	Volume 16, pages 5429–5456, (2024)	https://link.springer.com/	https://doi.org/10.1007/s41870-024-02038-y	SCOPUS	32
5	RESNET-53 for Extraction of Alzheimer's Features Using Enhanced Learning	Rama lakshmi B	CSE	International Journal of Computational and Experimental Science and Engineering	Oct 2024	ISSN: 2149-9144	https://www.ijcesen.com	https://www.ijcesen.com/index.php/ijcesen/article/view/519	SCOPUS	27
6	Enhanced feature selection and ensemble learning for cardiovascular disease prediction: hybrid GOL2-2 T and adaptive boosted decision fusion with babysitting refinement	T N S Koti Mani Kumar	CSE	Frontiers in Medicine	July 2024	Volume 11 - 2024	https://www.frontiersin.org/	https://doi.org/10.3389/fmed.2024.1407376	SCI	22
7	Fault Detection and Classification in Hybrid Energy Based Multi Area Grid Connected Microgrid Clusters Using Discrete Wavelet Transform with DNN	Dr. S. N. V. Bramareswara Rao	EEE	Electrical Engineering	2024	ISSN:1432-0487	https://link.springer.com/journal/202	https://doi.org/10.1007/s00202-024-02329-4	SCOPUS	22

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Month & Year of publication	ISBN/ISSN number	Link to the website of the Journal	Link to article/paper/abstract of the article	Is it listed in Scopus/Web of Science /PubMed	Citation
8	Ai- Powered Diagnosis: Revolutionizing Healthcare With Neural Networks	Vahiduddin Shariff	CSE	Journal of Theoretical and Applied Information Technology	Feb 2025	ISSN:2582-7219	https://www.jatit.org	https://www.jatit.org/volumes/Vol103No3/16Vol103No3.pdf	SCOPUS	20
9	Revolutionizing Healthcare: A Comprehensive Framework for Personalized IoT and Cloud Computing-Driven Healthcare Services with Smart Biometric Identity Management.	Vahiduddin Shariff	CSE	Journal of Intelligent Systems & Internet of Things	May 2024	ISSN: 2769-786X	https://www.americaspg.com/journals/show/18	https://openurl.ebsco.com/EPDB%3Agcd%3A11%3A26768923/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Agcd%3A179114801&crl=c	SCOPUS	18
10	Optimized machine learning mechanism for big data healthcare system to predict disease risk factor	Vahiduddin Shariff	CSE	scientific reports	Aprril 2025	ISSN 2045-2322	https://www.nature.com/srep/	https://doi.org/10.1038/s41598-025-98721-6	SCI and SCOPUS	15
11	Dielectric Characterization And Machine Learning-Based Predictions In Polymer Composites With Mixed Nanoparticles	Dr. B.Madhav Rao	CSE	Journal of Macromolecular Science, Part B Physics	June 2024	ISSN: 1992-8645	https://www.jatit.org/	https://doi.org/10.1080/00222348.2024.2372522	SCOPUS	10
12	An analysis of diverse computational models for predicting student achievement on e-learning platforms using machine learning	T N S Koti Mani Kumar	CSE	International Journal of Electrical & Computer Engineering	Dec 2024	Vol -14, issue 6, ISSN 2088-8708	https://ijece.iaescore.com/	http://doi.org/10.11591/ijece.v14i6.pp7013-7021	SCOPUS	9
13	Enhanced Predictive Modeling for Alzheimer's Disease: Integrating Cluster-Based Boosting and Gradient Techniques With Optimized Feature Selection	Vahiduddin Shariff	CSE	Journal of Theoretical and Applied Information Technology	Aprril 2025	ISSN: 1992-8645	https://www.jatit.org/	https://www.jatit.org/volumes/Vol103No8/17Vol103No8.pdf	SCOPUS	8
14	OptimizingIntrustion in internet of things networks using a hybrid PSO- lightboost approach	Dr K Satyanarayana	IT	International journal of intelligent engineering&systems	Dec-24	ISSN: 2185-3118	https://inass.org/publications/contents/?y=2025&mo_num=4&mo_en=Apr&mo_enf=April&report_day=30&volume=18&issue=3	DOI: 10.22266/ijies2025.0430.14	SCOPUS	7

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Month & Year of publication	ISBN/ISSN number	Link to the website of the Journal	Link to article/paper/abstract of the article	Is it listed in Scopus/Web of Science /PubMed	Citation
15	Impact of Different Parameters in Tribological Properties of Enset Ventricosum/Terminalia Arjuna Fibers/SiO2 Filler Incorporation	Dr. K. Sunil Ratna Kumar	Mechanical	Journal of Materials Research and Technology	December 2024	ISSN: 22140697, 22387854	https://r.search.yahoo.com/_ylt=AwrPpRDZ_YpoHQIAkLu7HAx.:_ylu=Y29sbwNzZzMEcG9zAzIEdnRpZAMEc2VjA3Ny/RV=2/RE=1755149018/RO=10/RU=https%3a%2f%2fwww.scimagojr.com%2fjournalsearch.php%3fq%3d21100383742%26tip%3dsid/RK=2/RS=ScWrRUqh8fl5ecxOkRMX8BlXnCU-	https://www.sciencedirect.com/science/article/pii/S2238785424022555	SCOPUS	6
16	Consumer Satisfaction Towards Retail Branding	Mrs E Kavitha, Dr.K.V.Sridhar, Mrs.Sk.Jaheerunnisa Begum	MBA	Library Progress International	Dec 2024	ISSN 0970 1052	https://bpasjournals.com/library-science/index.php/journal/article/view/3782	https://doi.org/10.48165/bapas.2024.44.2.1	SCOPUS	5
17	Analysis of a Compact Dual/Single Band Tunable BPF for 5G/X-Band Applications	V.Surendra Babu	ECE	Progress In Electromagnetics Research -M(PIER-M)	Mar-24	Volume 124	https://www.jpier.org/issues/pierm.html?vol=124	doi:10.2528/PIERM24012404(Clarivate Analytics)	Emerging Sources Citation Index(ESCI) https://www.jpier.org/about/publication-details.html	4
18	Enhancing 5G Core Network Performance through Optimal Network Fragmentation and Resource Allocation	Madhava Rao Maganti	CSE	Engineering, Technology and Applied Science Research	June 2024	ISSN: 2241-4487	https://etasr.com/	https://doi.org/10.48084/etasr.7235	SCOPUS	4
19	Investigation Of Self-Compacting Concrete Utilizing Different Supplementary Pozzolanic Materials	S.Sai Charan	Civil Engineering	ARPN Journal of Engineering and Applied Sciences	July-2024	1819-6608	http://www.arpnjournals.com/	jeas_0724_9471.pdf	Scopus	4
20	Numerical simulation on the laser beam welded UNS S32304 duplex steel and 304L stainless steel joints using ANSYS and response surface methodology	Mrs. Ch. Lakshmi Poornima	Mechanical	In International Journal on Interactive Design and Manufacturing (IJIDeM)	April 2025	1955-2505 (online) and 1955-2513 (print),	https://link.springer.com/article/10.1007/s12008-024-01860-9#citeas	https://doi.org/10.1007/s12008-024-01860-9	SCOPUS	3

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Month & Year of publication	ISBN/ISSN number	Link to the website of the Journal	Link to article/paper/abstract of the article	Is it listed in Scopus/Web of Science /PubMed	Citation
21	Analysis of A Semi-Circular Cavity Bandpass Filter with Slots for 5G and WLAN Applications	V.Surendra Babu	ECE	International Journal of Microwave and Optical Technology(IJMOT)	Jan-24	Volume-19 ,Issue-1, ISSN: 15530396	https://www.ijmot.com/VOL-19-NO-1.aspx	http://www.scopus.com/inward/record.url?eid=2-s2.0-85184244129&partnerID=MN8TOARS	SCOPUS	0
22	Design and simulation of a microcantilever sensor for precise detection of voltaile organic compounds	P.Hareesh, P.H.S.Tejo murthy	ECE	Engineering, Technology and Applied Science Research	Jul-24	ISSN: 16172-16177	www.etasr	https://doi.org/10.48084/etasr.7966	Scopus	0
23	A Hybrid Intelligence-based Deep Learning Model with Reptile Search Algorithm for Effective Channel Estimation in massive MIMO Communication Systems	Nallamothu Suneetha	ECE	Journal of Intelligent Systems and Internet of Things	July 2024	Vol. 13, No. 02, PP. 347-360	https://americaspg.com/article/pdf/3076	DOI: https://doi.org/10.54216/JISIoT.130227	SCOPUS	2
24	Optimized Design of Cascaded and Tree-Based n-Bit Comparators Using Majority Logic with Enhanced Linearity and Reduced Delay	A.Ram kumar, H. Sudhakar, Yamini Komati, Miranji Katta	ECE	Journal of Civil and Environmental Engineering	Sep-24	VOLUME 12 ISSUE 9, ISSN: 2096-6717	https://ijcee.in/,	https://drive.google.com/file/d/11XHMV72AbM5GdFFL7nSd4KSLf5sHCe-b/view	SCOPUS	
25	Exploring the Next Frontier in Wireless Communication: 5G and Beyond for Enhanced Reliability and Low Latency in IoT and Autonomous Technologies	K. Lakshmi Narayana	ECE	Nanotechnology perceptions	Dec-24	Vol.20,S15(2024),ISSNNo: 1660-6795	https://nano-ntp.com/index.php/nano/article/view/3561/2672	https://doi.org/10.62441/nano-ntp.vi.3561	Scopus	0
26	Impact of training and development on Employees' behavior: with reference to State Bank of India	Smt.Ch.Madhavi Latha, Dr.K.V.Sridhar, Smt.M.Sushma	MBA	Library Progress International	Dec 2024	ISSN 0970 1052	https://bpasjournals.com/library-science/index.php/journal/article/view/3774	https://doi.org/10.48165/bapas.2024.44.2.1	SCOPUS	0
27	Effectivepriority- based resource allocation for proactiveauto-scaling framework in workload prediction usinghybridtree- enhanced vector machine model	T. Satya Nagamani	IT	Discover Sustainability	Nov-2024	eISSN2662-9984	https://link.springer.com/	https://link.springer.com/article/10.1007/s43621-024-00583-x	SCOPUS	1
28	Evolving Interests And Preferences Using Arima And STLinSocialMedia Search Behaviors	B.RameshBabu	IT	Journal of Theoretical andApplied Information Technology	Nov-2024	ISSN: 1992-8645	https://www.jatit.org/	https://www.jatit.org/volumes/Vol102No22/10Vol102No22.pdf	SCOPUS	0

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Month & Year of publication	ISBN/ISSN number	Link to the website of the Journal	Link to article/paper/abstract of the article	Is it listed in Scopus/Web of Science /PubMed	Citation
29	Vanadium oxides impact on the ZNO-SB2O3-B2O3 glasses dielectric and A.C. conduction mechanisms	Dr.A.Chitti Babu	FED	International Journal of Mathematics and Physics	20-06-2024	Print ISSN: 2218-7987 Online ISSN: 2409-5508	https://orcid.org/	https://orcid.org/0000-0001-6036-7929	SCOPUS	0
30	Comprehensive Structural Analysis Identifies the Relationships Between the Electrical Characteristics of Environmentally Friendly NBTMn-BAI-NaNb Ceramics	Dr A Chitti Babu	FED	ECS	January 17, 2024.	2162-8777	https://www.electrochem.org/publications/jes/	https://iopscience.iop.org/article/10.1149/2162-8777/ad1c8f/meta	SCOPUS & SCIE	0
31	Observations on the structural, piezoelectric, and impedance properties of cation-(La and Sn) modifed lead zirconium titanate (PLZST) ceramics	Dr A Chitti Babu	FED	Materials Science: Materials in Electronics	28/02/2024	0957-4522	https://link.springer.com/journal/10854	https://doi.org/10.1007/s10854-024-12244-w	SCOPUS & SCIE	0
32	Impact of the Lead-Free Crystal Matrix 0.94NBaTiO3-0.06SrTiO3 on the Photoluminescence Properties of Eu+3	Dr.A.Chitti Babu	FED	Basic Solid State Physics in WILLEY LIBRARY	18-Nov-24		https://onlinelibrary.wiley.com/	https://doi.org/10.1002/pssb.202400267	SCOPUS	1
33	Results of Conformable Fractional Weightted Neutral Integro-Differential Equations	Dr. Swetha Lanka	FED	JAMI	July 5, 2024	p-ISSN: 2734-1194, e-ISSN:2234-8417, pp:1389-1399	https://jami.or.kr/out/04090057459792294.pdf	https://doi.org/10.14317/jami.2024.1389	SCOPUS	0
34	Reliability Focused Design Pmipv6 Protocol With Secure Handover In 5Gc Networks	Madhava Rao Maganti	CSE	Journal of Theoretical and Applied Information Technology	Jan 2024	ISSN: 1992-8645	https://www.jatit.org/	https://www.jatit.org/volumes/Vol102No2/9Vol102No2.pdf	SCOPUS	0
35	Optimising the Epmipv6 Protocol for the Analysis of Advanced Sensor Networks	Madhava Rao Magant	CSE	Ingenierie des Systemes d'Information	March 2024	ISSN:2116-7125	https://www.iieta.org/	https://doi.org/10.18280/isi.290215	SCOPUS	1
36	Deep learning Based Alzheimer's Disease Detection Model using Multimodal Data	Anjani Yalamanchili	CSE	International Journal of Intelligent Systems & Applications in Engineering	March 2024	ISSN:2147-6799	https://ijisae.org/index.php/IJISAE	https://ijisae.org/index.php/IJISAE/article/view/5585	SCOPUS	0
37	Multi-Class Network Anomaly Detection Using Machine Learning Techniques	G.Satyanarayana	CSE	Contemporary Mathematics	June 2024	ISSN: 2705-1064	https://ojs.wiserpub.com/index.php/CM	https://doi.org/10.37256/cm.5220243723	WOS(ESCI)	

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Month & Year of publication	ISBN/ISSN number	Link to the website of the Journal	Link to article/paper/abstract of the article	Is it listed in Scopus/Web of Science /PubMed	Citation
38	Integrated Disease Forecasting: Leveraging Deep Learning and Machine Learning for Multi-Disease Prediction	J.S.V. Gopala Krishna	CSE	Library Progress International	July 2024	Vol.44 No.3	https://bpasjournals.com/	https://bpasjournals.com/library-science/index.php/journal/article/view/2818	SCOPUS	1
39	Performance Comparison Between Different Per-trained Models with Resnet-53 Using MRI and PET Scan Alzheimer's Disease Image Dataset	Rama lakshmi B	CSE	International Journal of Experimental Research and Review	Dec 2024	ISSN: 2455-4855	https://qtanalytics.in/	DOI: https://doi.org/10.52756/ijerr.2024.v46.007	SCOPUS	0
40	DG allocation for radial distribution system through optimal sizing in radial power distribution network using hybrid redfox pathfinder optimization	Shaik ChanBasha	EEE	Multimedia Tools and Applications	June-2024	Volume 84	https://link.springer.com/	https://doi.org/10.1007/s11042-024-18704-z	SCOPUS	1
41	A Renewable Energy Source Fed Neuro-Fuzzy Controlled Multilevel UPQC for Power Quality Improvement	M.Mallikarjuna Reddy	EEE	International Journal of Renewable Energy Research	June-2024	ISSN: 309-0127	https://www.ijrer.org/ijrer/index.php/ijrer	https://doi.org/10.20508/ijrer.v14i2.14544.g8897	SCOPUS	3
42	A Computationally Effective Remote Health Monitoring Framework using AGTO-MLRC Models for CVD Diagnosis	Dr.Y.Butchi Raju	EEE	KSII TRANSACTIONS ON INTERNET AND INFORMATION SYSTEMS	Sep-2024	1976-7277	https://itiis.org/	10.3837/tiis.2024.09.004	SCI	0
43	Microstructure and mechanical properties of double side friction stir welded AA 7075 aluminium alloy	Dr. T Ramakrishna	Mechanical	Metallurgical Research & Technology	January 2024	ISSN: 2271-3654(ONLINE) ISSN: 2271-3646(OFFLINE)	https://www.metallurgical-research.org/	https://www.metallurgical-research.org/articles/metal/full_html/2024/01/metal20230168/metal20230168.html	SCI	0
44	Optimization of Ultra-Thin Strip Rolling Process Parameters on Phosphor Bronze C5191 Using Grey Relational Analysis	Mrs. Ch. Lakshmi Poornima	Mechanical	The Institution of Engineers (India)	March 2024	ISSN: 2250-2130(ONLINE) ISSN: 2250-2122(OFFLINE)	https://www.ieindia.org/webui/iei-home.aspx	https://link.springer.com/article/10.1007/s40033-024-00682-z	SCOPUS	1
45	Experimental and Numerical Investigations on Elastic and Thermal Properties of Banana–Jute Fiber-Reinforced Hybrid Composites	Dr. K. Lalit Narayan	Mechanical	International Journal of Computational Materials Science and Engineering	August 2024	ISSN (online): 2047-685X	https://www.worldscientific.com/worldscinet/ijcmse	https://www.worldscientific.com/doi/10.1142/S204768412450026X	SCOPUS	0

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Month & Year of publication	ISBN/ISSN number	Link to the website of the Journal	Link to article/paper/abstract of the article	Is it listed in Scopus/Web of Science /PubMed	Citation
46	Effect of Nanoclay and Surface Treatment on Mechanical Properties of Fish Tail Palm Empty Fruit Bunch Fiber Reinforced Epoxy Composites	Sri. K.V.P.P Chandu	Mechanical	Journal of Environmental Nanotechnology	December 2024	ISSN: 2279-0748(ONLINE) ISSN: 2319-5541(OFFLINE)	https://nanoient.org/journals/index.php/jent	https://www.researchgate.net/publication/388343820_Effect_of_Nanoclay_and_Surface_Treatment_on_Mechanical_Properties_of_Fish_Tail_Palm_Empty_Fruit_Bunch_Fiber_Reinforced_Epoxy_Composites	SCOPUS	0
47	Corrosion Behavior of Combination of Laser Beam Welded UNS S32304+SS304L in 3.5% NaCl Solution	Mrs. Ch. Lakshmi Poornima	Mechanical	Journal of Engineering and Applied Science	July 2024	ISSN: 1110-1903(ONLINE) ISSN: 2536-9512(OFFLINE)	https://nanoient.org/journals/index.php/jent	https://jeas.springeropen.com/articles/10.1186/s44147-024-00482-y	SCOPUS	1
48	Predicting Weld Quality in Duplex Stainless Steel Butt Joints During Laser Beam Welding: A Hybrid DNN-HEVA Approach	Mrs. Ch. Lakshmi Poornima	Mechanical	Journal of Advanced Manufacturing Systems	August 2024	0219-6867 (print) and 1793-6896 (online)	https://www.worldscientific.com/doi/epdf/10.1142/S0219686724500355	https://doi.org/10.1142/S021986724500355	SCOPUS	3
49	Optimization of Laser Beam Welded Novel Dissimilar Material UNS S32304 and 304 L Steel Process Parameters Using Deep Learning.	Mrs. Ch. Lakshmi Poornima	Mechanical	Journal of Advanced Manufacturing Systems	September 2024	0219-6867 (print) and 1793-6896 (online)	https://www.worldscientific.com/doi/abs/10.1142/S0219686725500131	https://doi.org/10.1142/S021986725500131	SCOPUS	0
50	Development and Evaluation of a Versatile Control System in an Adaptable Multi-Legged Robot Using a Modified Peaucellier-Lipkin Mechanism	Sri. P. Rajesh	Mechanical	International Journal of Advanced Mechanical Engineering	November 2024	ISSN No. 2250 - 3234	https://r.search.yahoo.com/_ylt=AwrPpRCj_IpoHQIAV3G7HAx.;_ylu=Y29sbwNzZzMEcG9zAzEEdnRpZAMEc2VjA3Ny/RV=2/RE=1755148708/RO=10/RU=https%3a%2f%2fwww.ripublication.com%2fijame.htm/RK=2/RS=fCN6y2SdD_BrSxCPcmeREJaizoQ-	https://www.journalimcms.org/journal/development-and-evaluation-of-a-versatile-control-system-in-an-adaptable-multi-legged-robot-using-a-modified-peaucellier-lipkin-mechanism/#:~:text=The%20present%20work%20in%20bio-inspired%20robotics%20explores%20the,control%20points%20for%20a%20single%20degree%20of%20freedom.	SCOPUS	0

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Month & Year of publication	ISBN/ISSN number	Link to the website of the Journal	Link to article/paper/abstract of the article	Is it listed in Scopus/Web of Science /PubMed	Citation
51	A Hybrid Heuristic-Aided Algorithm of Serial Cascaded Autoencoder and ALSTM for Channel Estimation in Millimeter-Wave Massive MIMO Communication System	Nallamothu Suneetha	ECE	International Journal of Communication Systems,	Jan-25	Vol.20, S15 (2024)	https://www.researchgate.net/publication/388531762_A_Hybrid_Heuristic-Aided_Algorithm_of_Serial_Cascaded_Autoencoder_and_ALSTM_for_Channel_Estimation_in_Millimeter-Wave_Massive_MIMO_Communication_System	https://doi.org/10.1002/dac.6140	SCI	
52	Design and Analysis of 18nm FinFET based 4-bit shift registers using transitional Hybrid Logic Flip-Flop	CH.Jaya Prakash, P HS Tejo Murthy	ECE	SSRG International Journal of Electrical and electronics engineering	May 2025	ISSN :2348-8379,VOL 12, ISSUE 5	Crossref, https://doi.org/10.14445/23488379/IJEEE-V12I5P107	/https://doi.org/10.14445/23488379/IJEEE-V12I5P107	SCOPUS	
53	AMC-Backed metamaterial antenna with superstrate layer for Non-Invasive Breast Cancer Diagnosis	K.J.Silva Lorraine, N.Suneetha	ECE	Jisuanji Yanjiu yu Fazhan/Computer Research and Development	Jun-25	ISSN No:1000-1239,Vol 25,Issue 5	https://www.scimagojr.com/journalsearch.php?q=26714&tip=sid&clean=0	https://www.researchgate.net/publication/393804541_AMC-Backed_Metamaterial_Antenna_with_Superstrate_Layer_for_Non-Invasive_Breast_Cancer_Diagnosis	SCOPUS	
54	Optimized beamforming via GWO-L2 and hybrid algorithms for high-performance wireless communications	Swathi Nallagachu, Miranji Katta	ECE	Jisuanji Yanjiu yu Fazhan/Computer Research and Development	Jun-25	ISSN No:1000-1239,Vol 25,Issue 7	https://www.researchgate.net/publication/393250234_OPTIMIZED_BEAMFORMING_VIA_GWO-L2_AND_HYBRID_ALGORITHMS_FOR_HIGH-PERFORMANCE_WIRELESS_COMMUNICATIONS	DOI:10.5281/zenodo.15784988	SCOPUS	1

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Month & Year of publication	ISBN/ISSN number	Link to the website of the Journal	Link to article/paper/abstract of the article	Is it listed in Scopus/Web of Science /PubMed	Citation
55	IoT- Based Precision Agriculture Crop Disease Detection Using ESP32- CAM and Cloud Computing	P. Sowmithri	ECE	Jisuanji Yanjiu yu Fazhan/Computer Research and Development	Jun-25	(ISSN NO:1000-1239) VOLUME 25 ISSUE 6 2025	https://journalcrd.org/volume-25-issue-6-2025/	doi.org/10.5281/zenodo.1571131 3	SCOPUS	
56	Design and investigation of a delay controlled ALU employing FinFET& CNTFET technologies	Ch JayaPrakash, SurendraBabu Velagaleti	ECE	e-Prime - Advances in Electrical Engineering, Electronics and Energy,	Sep 2025	ISSN 2772-6711		https://doi.org/10.1016/j.prime.2025.101051.	SCOPUS	
57	The influence of online marketing on rural consumers in the Indian environment	N.Mohana Vitaleswara Rao, N.Mohana Vitaleswara Rao, Mr N Satheesh	MBA	TANZ RESEARCH JOURNAL	June 2025	ISSN 1869-7720	https://tanzresearch.com/volume-11-issue-6-2025/	https://tanzresearch.com/volume-11-issue-6-2025/	SCOPUS	0
58	Study On 'Factors Influencing Consumer Satisfaction' In Krishna district Milk Dairies, Andhra Pradesh	Sk.Jaheerunnisa Begum, Dr.K.V.Sridhar,E.Kavitha, N.Mohana Vitaleswara Rao, K.Aasha Sravanthi	MBA	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCES	Jul 2025	ISSN:2229-7359	https://theaspd.com/index.php/ijes/article/view/4444	https://doi.org/10.64252/p3mnyz22	SCOPUS	
59	IMPACT OF CONSUMER SATISFACTION ON RETAIL BRANDING	Dr.K.V.Sridhar, N.Mohana Vitaleswara Rao, K.Aasha Sravanthi	MBA	TANZ RESEARCH JOURNAL	June 2025	ISSN 1869-7720	https://tanzresearch.com/volume-11-issue-6-2025/	https://tanzresearch.com/volume-11-issue-6-2025/	SCOPUS	
60	Positive Implicative Hyper BCK-Ideals of Hyper BCK-Algebras Under an Interval-Valued Intuitionistic Fuzzy Environment	Shake Baji	FED	International Journal of Analysis and Applications	Jan 14, 2025	ISSN: 2291-8639	https://etamaths.com/index.php/ijaa/index	https://doi.org/10.28924/2291-8639-23-2025-11	ESCI, Web of Science, Scopus	2
61	Bipolar-Valued Intuitionistic Fuzzy Positive Implicative Ideals in $\mathcal{BCK}$-Algebras	Shake Baji	FED	EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS	31-01-2025	ISSN 1307-5543	https://www.ejpam.com/index.php/ejpam/article/view/5699	https://doi.org/10.29020/nybg.ejpam.v18i1.5699	ESCI, Web of Science, Scopus	1
62	SGB-IDS: A Swarm Gradient Boosting Intrusion Detection System Using Hybrid Feature Selection For Enhanced Network Security	Vahiduddin Shariff, T N S Koti Mani Kumar	CSE	Journal of Theoretical and Applied Information Technology	Jan 2025	ISSN: 1992-8645	https://www.jatit.org/	https://www.jatit.org/volumes/Vol103No11/1Vol103No11.pdf	SCOPUS	0

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Month & Year of publication	ISBN/ISSN number	Link to the website of the Journal	Link to article/paper/abstract of the article	Is it listed in Scopus/Web of Science /PubMed	Citation
63	Fuzzy-Based Current-Controlled Voltage Source Inverter for Improved Power Quality in Photovoltaic and Fuel Cell Integrated Sustainable Hybrid Microgrids	Dr. S. N. V. Bramareswara Rao	EEE	SUSTAINABILITY	May-2025	2071-1050	https://www.mdpi.com/journal/sustainability	https://doi.org/10.3390/su17104520	SCI	0
64	Advanced Virtual Synchronous Generator Control Scheme forImproved Power Delivery in Renewable Energy Microgrids	Dr. S. N. V. Bramareswara Rao	EEE	Engineering Proceedings	April 2025	2673-4591	https://www.mdpi.com/journal/engproc	https://doi.org/10.3390/engproc 2025087060	SCOPUS	0
65	Fuzzy Logic-Based Adaptive Droop Control Designed with Feasible Range of Droop Coefficients for Enhanced Power Delivery in Microgrids	Dr. S. N. V. Bramareswara Rao	EEE	Engineering Proceedings	April 2025	2673-4591	https://www.mdpi.com/journal/engproc	https://doi.org/10.1109/TENCON61640.2024.10902675	SCOPUS	0
66	Construct and performance investigation of a hybrid ANFIS Controlled Island Micro-Grid	M.Mallikarjuna Reddy	EEE	International Journal of Renewable Energy Research	March-2025	ISSN: 309-0127	https://www.ijrer.org/ijrer/index.php/ijrer	https://doi.org/10.20508/ijrer.v15i1.14522.g9023	SCOPUS	0
67	Regression Analysis in Energy Consumption Forecasting	Dr. A.Srinivasa Reddy, Dr. M.Veera Kumari	EEE	YMER-DIGITAL	January-2025	0044-0477	http://ymerdigital.com/	https://ymerdigital.com/uploads/YMER240128.pdf	SCOPUS	0
68	Exploring MVDC in Distribution systems: A Primer on Cybersecurity	Dr. M.Veera Kumari, N.Rama Narayana	EEE	YMER-DIGITAL	January-2025	0044-0477	http://ymerdigital.com/	https://ymerdigital.com/uploads/YMER240105.pdf	SCOPUS	0

Principal
Sir C R Reddy College of Engineering
ELURU - 534 007