



SRI VENKATESWARA COLLEGE OF ENGINEERING (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati – 517 507.
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International Journals:

2024-25							
S.No	Name of the Faculty	Month & Year	Indexing	Title of the paper	Name of the Journal	Vol. No., Iss. No., Pages ()	DOI
1	Dr.D.Srinivasulu Reddy	May-24	Scopus	Deep interpolation based hyper spectral-multispectral image fusion via anisotropic dependent principal component analysis	Multimedia Tools and Applications	Vol.84, (1649–1669)	https://doi.org/10.1007/s11042-024-19132-9
2	Dr.C.Madhu	Jul-24	SCIE	Dialectic Feature-Based Fuzzy Graph Learning for Label Propagation Assisting Text Classification	IEEE Transactions on Fuzzy Systems	Vol.32, No.10, (5598 - 5612)	10.1109/TFUZZ.2024.3421595
3	Dr.C.Madhu	Dec-24	SCIE	EmoDialect: Leveraging Fuzzy Matching and Dialect-Emotion Mapping for Sentiment Analysis	IEEE Transactions on Affective Computing	PrePrints pp. (1-17)	10.1109/TAFFC.2024.3514862
4	K.Amala	Aug-24	Scopus	Enhancing flight delay prediction and Classification Using a Hybrid Bi-LSTM:Machine Learning	Communications on Applied Nonlinear Analysis	Vol. 31 No. 6s (2024)	https://doi.org/10.52783/cana.v31.1235
5	Dr.V. Madhurima	Jun-24	SCIE	Full-swing Nanosecond delay Hybrid level shifter for Time critical applications	MDPI-Electronics	Vol. 13, No.13,2570	10.3390/electronics13132570
6	Dr.V. Madhurima	Oct-24	Scopus	Design of energy-efficient full subtractor circuit at near threshold computing for signal processing application	Engineering Research Express	Vol. 6, No.4, 045312	10.1088/2631-8695/ad81ce
7	Dr.V. Madhurima	Jan-25	Scopus	Machine Learning Enabled-System for Screening Covid-19 Kind of Disease for Dense Population Sectors	Engineering Access	Vol.11, No.1, pp. (128–133)	10.14456/mijet.2025.11

8	Dr.P. Suresh Babu	Mar-25	Scopus	Optimal distributed generator placement for loss reduction using fuzzy and adaptive grey wolf algorithm	International Journal of Applied Power Engineering (IJAPE)	Vol.14, No:1, (155-162)	https://ijape.iaescore.com/index.php/IJAPE/article/view/21230
9	Dr.P. Suresh Babu	Jan-25	Scopus	Design and evaluation of clock-gating-based approximate multiplier for error-tolerant applications	Memories - Materials, Devices, Circuits and Systems	Vol. 9, 100123	https://doi.org/10.1016/j.memori.2025.100123
10	Allabaksh Shaik	Jul-24	Scopus	Optimal Deep Learning based Object Detection for Pedestrian and Anomaly Recognition Model	International Journal of Information Technology	Vol.16, (4721–4728)	https://link.springer.com/article/10.1007/s41870-024-02075-7
11	Dr.T. Kaliraja	May-24	Scopus	Optimized convolutional neural network-based temperature and refractive index fiber optic sensor	Journal of Optics	May 2024	https://doi.org/10.1007/s12596-024-01887-x
12	Dr.T. Kaliraja	Jan-25	Scopus	Remote Sensing Applications: Society and Environment	Remote Sensing Applications: Society and Environment	Vol.37, 101419	https://doi.org/10.1016/j.rsase.2024.101419
13	Dr. P Sudhakar Reddy	Sep-24	SCIE	Root-Free Annihilating Filter Method for Sparse Signal Reconstruction	Circuits, Systems, and Signal Processing	Vol.44, (670-683)	https://doi.org/10.1007/s00034-024-02871-3
14	Dr. G. Chandraiah	Mar-25	SCIE	Modal analysis-based ultrawideband 4 × 4 MIMO antenna with flower configuration	International Journal of Electronics and Communications	Vol. 192, 155685	https://doi.org/10.1016/j.aeue.2025.155685
15	Dr. C. Padma	Oct-24	Scopus	Improved Domino Logic based Low Power CMOS Schmitt Trigger Circuit at Nano Scale Regime	Journal of Advanced Research in Applied Sciences and Engineering Technology	Vol. 57, No. 2, (41-52)	https://semarakilmu.com.my/journals/index.php/applied_sciences_eng_tech/article/view/5460
16	K. Amala	Sep-24	Scopus	Enhancing Flight Delay Prediction and Classification Using a Hybrid Bi-LSTM: Machine Learning	Communications on Applied Nonlinear Analysis	Vol. 31 No. 6s (2024)	https://doi.org/10.52783/cana.v31.1235
17	Dr. S. Salma	Jan-25	Scopus	Denim-Based Wearable Textile Antenna for WiMAX, Telemetry, and	SSRG International Journal of Electrical	Vol. 12, No.1, (185-191)	10.14445/23488379/IJE

				X-Band Applications	and Electronics Engineering (IJEET)		EE-V12I1P118
18	Dr.K.Upendra Raju	Nov-24	SCIE	An improved performance of reversible data hiding in encrypted images using decision tree algorithm	Engineering Applications of Artificial Intelligence	Volume 137, Part A, 109100	https://doi.org/10.1016/j.engappai.2024.109100
19	Dr.K.Lokesh Krishna	Aug-24	Scopus	IoT Generated Multi-Modality Data Analysis Using a Deep Learning Framework for Managing Sustainability in Smart Environments	International Research Journal of Multidisciplinary Scope	Vol.5, Iss.3, (706-720)	10.47857/irjms.2024.v05i03.0829
20	Dr. T.Chandra Sekhar Rao	Nov-24	SCIE	Decoding transaminase motifs: Tracing the unknown patterns for enhancing the accuracy of computational screening methodologies	Gene	Vol.936, 149091	https://www.sciencedirect.com/science/article/abs/pii/S0378111924009727
21	Dr. T.Chandra Sekhar Rao	Dec-24	Scopus	Object Recognition using Machine Learning	Journal of Electrical Systems	Vol.20, Iss.3, (4959-4966)	https://journal.esrgroups.org/jes/article/view/6224

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1	Dr.D.Srinivasulu Reddy	Scopus	Jun-23	Design of Three-valued Logic Based Adder and Multiplier Circuits using Pseudo N-type CNTFETs	International Journal of Electrical and Electronics Research	Vol.11 Iss.2, (518-522)	https://doi.org/10.37391/ijeer.110238
2	Dr.G.Chandraiah	WoS	Aug-23	Detection and Classification of Crop Leaf Diseases using Machine Learning Algorithms	Bulletin of Environment, Pharmacology and Life Sciences	Vol.12, Iss.9, (136-145)	https://bepls.com/beplsAugust2023/21.pdf
3	Dr .C. Raju	Scopus	Sep-23	Image Segmentation based on Energy Fitting Models - A review	International Journal on Recent and Innovation Trends in Computing and Communication	Vol.11, Iss.9, (384-389)	https://doi.org/10.17762/ijritcc.v11i9.8818
4	Dr. C.Padma	Scopus	Aug-23	Hybrid Cryptography and Steganography-Based Security System for IOT Networks	International Journal On Recent and Innovation Trends In Computing and Communication	vol. 11(8S) pp., (415-421)	https://doi.org/10.17762/ijritcc.v11i8s.7221
5	P.Suresh Babu	Scopus	Oct-23	Lifting Wavelets with OGS for Doppler Profile Estimation	International Journal of Electrical and Electronics Research	Vol.11, Iss. 4, (933-938)	https://doi.org/10.37391/ijeer.110408
6	Dr.B.Shoban Babu	UGC	Jan-24	Plant Disease Detection Using Deep Neural Network	International Journal of Advanced Networking and Applications	Vol.15 Iss.4, (6003-6008)	https://www.ijana.in/V15-4.php
7	Dr. K.Raveendra	Scopus	Apr-24	Enhancing 5G Sub-3.5GHz Networks through optimization of microstrip Antenna Arrays with sequential rotation- based MIMO	Journal of Electrical Systems	Vol. 20 No. 2s	https://doi.org/10.52783/jes.1149

				using Machine Learning Techniques			
8	Dr. T.Kaliraja	SCIE	Feb-24	Hierarchically porous polyaromatic carbon spheres decorated NiMn ₂ O ₄ nanocomposite: efficient selective azo dye degradation from aqueous water and reduction of p-nitrophenol to p-aminophenol	Carbon Letters	34, 1229–1237	https://doi.org/10.1007/s42823-023-00685-y
9	Dr. K.Raveendra	SCIE	May-24	Fault Prediction and Awareness for Power Distribution in Grid Connected RES using Hybrid Machine Learning	International Journal of Electric Power Components and Systems	ISSN:1532-5008	https://doi.org/10.1080/15325008.2024.2337217
10	Dr.G.Sujatha	Scopus	Oct-23	Streamlining Cancer Diagnosis & prognosis system using Hybrid CNN-NPR:Deep learning approaches	International Journal of intelligent systems and Applications in Engineering	Vol.12, Iss. 3S	https://ijisae.org/index.php/IJISAE/article/view/3697
11	Dr.G.Sujatha	Scopus	Jun-24	PAPR reduction using polynomial based compressing with Rapp model in GFDM	e-Prime - Advances in Electrical Engineering, Electronics and Energy	Vol:8, 100502	https://doi.org/10.1016/j.prime.2024.100502
12	Dr.G.Sujatha	Scopus	Mar-24	Clinical Healthcare Applications : Efficient Techniques for Heart Failure Prediction Using Novel Ensemble Model	Journal of Information Technology Management	Vol.16, Iss. 1	10.22059/jitm.2024.96380
13	T.Swarnalatha	Scopus	May-23	Lightweight APIT with Bat Optimization with Simulated Annealing Localization for Resource-Constrained Sensor Networks	Wireless Communications and Mobile Computing	Vol. 2023, 982038	https://onlinelibrary.wiley.com/doi/epdf/10.1155/2023/7982038
14	T.Swarnalatha	Scopus	Dec-23	A Novel DV –HOP and APIT localization algorithm with BAT-SA algorithm	MDPI-Engineering Proceedings	Vol. 59, Iss.1	https://doi.org/10.3390/engproc202305909 <u>1</u>
15	Dr. S. Salma	SCIE	Sep-23	Functional analysis in the body environment for a circularly polarized hybrid reconfigurable	Physica Scripta	Vol. 98, No.10	10.1088/1402-4896/acf807

				textile antenna			
16	Dr.K.Lokesh Krishna	Scopus	Oct-23	Unmanned Aerial Vehicle Design for Smart City Application	International Journal on Recent and Innovation Trends in Computing and Communication	Vol. 11 No. 11s	https://doi.org/10.17762/ijritcc.v11i11s.8294
17	Dr.K.Lokesh Krishna	Scopus	Jan-24	A Rail-To-Rail and Low Offset Novel Strongarm Comparator Circuit for Low Power Data Converter Architectures	International Research Journal of Multidisciplinary Scope	Vol.5 Iss.1, (42-49)	https://doi.org/10.47857/irjms.2024.v05i01.0133
18	Dr.K.Lokesh Krishna	SCIE	Nov-23	Design and performance analysis of a novel vulture based FOPID controller for the nonlinear biological system	Scientific African	e01892	https://doi.org/10.1016/j.sciaf.2023.e01892
19	Dr.V.Madhurima	SCIE	Mar-24	Input Voltage-Level Driven Split-Input Inverter Level Shifter for Nanoscale Applications	MDPI-Electronics	Vol.13 Iss.6, 1115	https://doi.org/10.3390/electronics13061115
20	Dr T ChandraSekhar Rao	Scopus	Dec-23	Face Recognition using computer vision and CNN algorithm	International Journal of intelligent systems and Applications in Engineering	Vol. 12 No. 9s	https://ijisae.org/index.php/IJISAE/article/view/4271
21	Allabaksh Shaik	Scopus	Mar-24	Optimal Deep Transfer Learning Enabled Object Detector for Anomaly Recognition in Pedestrian Ways	Intelligent Decision Technologies	Vol. 18, No. 2, (1123-1138)	https://content.iospress.com/articles/intelligent-decision-technologies/idt240040
22	Allabaksh Shaik	SCIE	May-24	Leveraging YOLOv5s with Optimization Based Effective Anomaly Detection in Pedestrian Walkways	Expert Systems Wiley Publishers	Vol.42, No.2, e13640	https://onlinelibrary.wiley.com/doi/10.1111/exsy.13640



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S.No	Name of the Author	Indexing	Month & Year	Title of the paper	Name of the Journal	Vol. No., Iss. No., Pages	Weblink
1	Dr.M.Suresh Kumar	SCI	Aug-22	Alloyed Cu ₂ Fe _{1-x} Ba _x SnS ₄ for photoelectrochemical applications: band gap tailoring and structural transition	Journal of Solid State Electrochemistry	Vol.26, (2411-2421)	https://doi.org/10.1007/s10008-022-05243-6
2	Dr.K.Lokesh Krishna	SCOPUS	Dec-22	Efficient CRNN Recognition Approaches for Defective Characters in Images	International Journal of Computing and Digital Systems	Vol.12, No.1, (1417-1427)	https://dx.doi.org/10.12785/ijcds/1201114
3	Dr.K.Lokesh Krishna	SCOPUS	Jan-23	Brain Tumour Region Extraction Using Novel Self-Organising Map-Based KFCM Algorithm	Pertanika Journal of Science & Technology	Vol.37, Iss.1 (577-594)	https://doi.org/10.47836/pjst.31.1.33
4	Dr.K.Lokesh Krishna	UGC Care List-1	Sep-22	Tumor Region detection in MRI Images using Novel Kernelized Fuzzy C-Means Clustering Algorithm	Journal of Scientific Research of The Banaras Hindu University	Vol.66, Iss.3 (227-238)	https://internet.bhu.ac.in/research_pub/jsr/Volumes/JSR_66_03_2022/28.pdf
5	K.Amala	SCOPUS	Oct-22	Human Emotion Recognition System Using Deep Learning Technique	Journal of Pharmaceutical Negative Results	Vol.13, Iss. 4, (1031-1036)	https://www.pnrjournal.com/index.php/home/article/view/2967

6	K.Amala	SCOPUS	Oct-22	Development of Secured Online Parking Spaces	Journal of Pharmaceutical Negative Results	Vol.13, Iss. 4, (1010-1015)	https://www.pnrjournal.com/index.php/home/article/download/2963/2820/3729
7	Dr.K.Raveendra	UGC Care List-1	Dec-22	Two fold Route Selection AODV routing protocol based on multiple metrics management for enhanced communications over MANET and Deep learning	IJFANS International Journal of Food and Nutritional Sciences	Vol.11, Iss.8 (424-431)	https://www.ijfans.org/uploads/paper/2ee6645630696124081e287cb0e9a5f8.pdf
8	Dr. G Chandraiah	SCOPUS	Dec-22	CNN-based detection of cervical spinal cord injury	International Journal of Medical Engineering and Informatics.	Special Issue	https://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijmei
9	Dr B Shoban Babu	SCOPUS	Sep-22	Denoising Technique Using Double Density Dual Tree DWT for Medical Images	Journal of Pharmaceutical Negative Results	Vol. 13 ,Issue 3 (1719-1724)	https://www.pnrjournal.com/index.php/home/issue/view/21



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