



MEENAKSHI COLLEGE OF ENGINEERING

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY PUBLICATIONS

S. No	Title of paper	Name of the author/s	Department	Name of journal	Calendar Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
							Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list
1.	Human Activity Recognition Utilizing Optimized Attention Induced Multihead Convolutional Neural Network with Mobile Net V1 From Mobile Health Data	Dr. R Anandha Praba	ECE	NETWORK : COMPUTATION IN NEURAL SYSTEM	2024-2025	ISSN: 1007-6735	https://www.tandfonline.com/journals/inet20	https://www.tandfonline.com/doi/abs/10.1080/0954898X.2024.2438967	YES
2.	Enhanced Arrhythmia Detection Through Wavelet Scattering and Deep Learning Techniques	Dr. R Anandha Praba	ECE	Journal of University of Shanghai for Science and Technology	2024-2025	ISSN: 1007-6735	https://jusst.org/enhanced-arrhythmia-detection-through-wavelet-scattering-and-deep-learning-techniques/	https://jusst.org/wpcontent/uploads/2024/11/EnhancedArrhythmiaDetection-ThroughWavelet-Scattering-and-Deep-Learning-Techniques.pdf	YES



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3.	An Efficient and Accurate Classification Algorithm for ECG Signals Using PNN And KNN	Mrs. R Anandha Praba	ECE	Machine Learning Hybridization and Optimization for Intelligent Applications	2024-2025	9781003465775	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=vpUPpKwAAAAJ&citation_for_view=vpUPpKwAAAAJ:zYLM7Y9cAGgC	https://jusst.org/enhanced-arrhythmia-detection-through-wavelet-scattering-and-deep-learning-techniques/	YES
4.	Efficient And Secure Authentication Scheme for Iomt – Based Healthcare	Dr.M.AnanthaLakshmi	ECE	International Research Journal on Advanced Engineering and Management (IRJAEM)	2024-2025	ISSN: 2584-2854	https://goldncloudpublications.com/index.php/irjaem/article/view/942	Efficient and Secure Authentication Scheme for Iomt – Based Healthcare International Research Journal on Advanced Engineering and Management (IRJAEM)	YES



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5.	Harnet: Automatic Recognition of Human Activity from Mobile Health Data Using CNN And Transfer Learning of LSTM With SVM	Mrs. R Anandha Praba	ECE	Automatika	2023-2024	Print ISSN: 0005-1144 Online ISSN: 1848-3380	https://doi.org/10.1080/00051144.2023.2290736	https://scholar.google.com/citations?view_op=	YES
6.	Automated Stock Trading Using Reinforcement Learning	Mrs. R Anandha Praba	ECE	International Conference on Integrated Intelligence and Communication Systems (ICIICS)	2023-2024	ISBN:979-8-3503-1546-2	10.1109/ICIICS59993.2023.10421071	https://ieeexplore.ieee.org/document/10421071	YES
7.	A Customized Convnext-XL Network with Fusion of Deep and Handcrafted Features for Colposcopy Image Classification.	Mrs. N Thendral	ECE	International Journal of Imaging Systems and Technology, 34(2), e23036 2023-2024 Online ISSN:1098-1098 https://doi.org/10.1002/ima . Print ISSN:0899-9457 23036	Online ISSN:1098-1098 Print ISSN:0899-9457	2023-2024	https://doi.org/10.1002/ima.23036	https://onlinelibrary.wiley.com/journal/109810	YES



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8.	Attack Prediction Using Machine Learning in Wireless Sensor Networks E	Mrs. N Mohana Priya	ECE	IEEE explore INDEXED by SCOPUS	2024-2025	ISBN: 979-835030570-8	DOI: 10.1109/RMKMA TE59243. 2023.10369065	http://www.scopus.com/inward/record.url?eid=	YES
9.	Iot Based Underground Cable Fault Monitoring System	Mrs. N Mohana Priya	ECE	IEEE explore INDEXED by SCOPUS	2024-2025	ISBN: 979-835037691-3	DOI: 10.1109/ICSTEM 61137. 2024.10560963	http://www.scopus.com/inward/record.url?eid=	YES
10.	Automated Malaria Parasite Identification and Classification Using Deep Learning Techniques	Mrs. N Mohana Priya	ECE	IEEE explore INDEXED by SCOPUS	2024-2025	979-8-3503-8847-3	https://doi.org/10.1109/icstem61137.2024.10560969	http://www.scopus.com/inward/record.url?eid=	YES
11.	Analysis On Smart Healthcare Monitoring Based on Compound Dimension	Mrs. B Vennila Priya	ECE	IEEE explore INDEXED by SCOPUS	2024-2025	979-8-3503-8847-3	doi: 10.4108/eetpht.10.5266	https://publication.s.eai.eu/index.php/phat/artic	YES
12.	Iot Based Underground Cable Fault Monitoring System	Mrs. B Vennila Priya	ECE	IEEE explore INDEXED by SCOPUS	2024-2025	ISBN: 979-835037691-3	DOI: 10.1109/ICSTEM 61137.2024.10560963	http://www.scopus.com/inward/record.url?eid=	YES
13.	Automated Malaria Parasite Identification and Classification Using Deep Learning Techniques	Mrs. B Vennila Priya	ECE	IEEE explore INDEXED by SCOPUS	2024-2025	979-8-3503-8847-3	https://doi.org/10.1109/icstem61137.2024.10560969	http://www.scopus.com/inward/record.url?eid=	YES



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14.	Automated Malaria Parasite Identification and Classification Using Deep Learning Techniques	Mr. K.P.V Pinkey Roshan	ECE	IEEE explore INDEXED by SCOPUS	2024-2025	979-8-3503-8847-3	https://doi.org/10.1109/icstem61137.2024.10560969	http://www.scopus.com/inward/record.url?eid=	YES
15.	A Novel Design SDNS Framework for High End Level Communication (5G) Network	Mr. K.P.V Pinkey Roshan	ECE	International Conference on Advance Computing and Innovative Technologies in Engineering	2023-2024	ISBN:979-8-3503-6016-5	https://ieeexplore.ieee.org/document/10616495/	https://ieeexplore.ieee.org/document/10616495	YES
16.	Prediction Of Colon Cancer Using Region Seed Growing Segmentation and Dnn Classifier	Mr. K.P.V Pinkey Roshan	ECE	International Journal of Scientific Research and Engineering Trends	2023-2024	2395-566X	http://www.ijret.com/	http://www.ijret.com/	YES
17.	High Performance FIR Filter Using Vedic Mathematics	Mrs. N. Mohana Priya	ECE	International Journal of System Assurance Engineering and Management	2022-2023	ISSN: 0976-4348	https://link.springer.com/article/10.1007/s13198-023-01899-z#auth-N_Mohana-Priya-Affl	https://link.springer.com/journal/13198	YES
18.	Revolutionizing Hospital Dietary with An Android - Based Food Automation System	Dr. Sheryl Radley	ECE	i-manager's Journal on Mobile Applications and Technologies	2022- 2023	ISSN: 2394-0239	https://imanagerpublications.com/journalsfulldetails/25/JournalonMobileApplicationsandTechnologies	https://www.proquest.com/docview/27892origsite=gscholar&fromopenview=true	YES



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19.	Efficient Cardiac Arrhythmia Detection Using Machine Learning Algorithms	Mrs. R. Anadha Praba	ECE	Journal of Physics: Conference Series	2021-2022	ISSN: 1742-6596	https://iopscience.iop.org/issue/1742-6596/2318/1	https://iopscience.iop.org/article/10.1088/1	YES
20.	Transfer Learning Supported Accurate Assessment of Multiclass Cervix Type Images	Mrs. Thendral N	ECE	Proceedings of the Institution of Mechanical Engineering, Part H: Journal of Engineering in Medicine	2021-2022	ISSN: 0954-4119	https://journals.sagepub.com/home/pih	https://journals.sagepub.com/doi/abs/10.11	YES
21.	Ai Based Human Hand Gesture Recognition for Communication Between Impaired People	Dr.Sheryl Radley	ECE	International Journal of Advance Research and Innovative Ideas in Education	2021-2022	ISSN: 2395-4396	http://ijariie.com/	https://ijariie.com/AdminUploadPdf/AI_B_PEOPLE_ijariie17370.pdf	YES
22.	Improving The Performance and Functionality of Ai and Machine Learning in Electronic Devices and System	Dr.Sheryl Radley	ECE	Education	2021-2022	ISSN: 2394-0239	https://imanagerpublications.com/journalsfulldetails/25/JournalonMobileApplicationsandTechnologies	https://www.proquest.com/openview/c365=2030624	YES



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23.	Vehicular Detection Technique Using Image Processing	Dr.Sheryl Radley	ECE	i-manager's Journal on Mobile Applications and Technologies	2021-2022	ISSN: 2394-0239	https://imanagerpublications.com/journalsfulldetails/25/JournalonMobileApplicationsandTechnologies	https://www.proquest.com/openview/6ddd5b50682c/1?pqorigsite=gscholar&cbl=2042734	YES
24.	Secure And Energy - Efficient Data Collection in Under Water Acoustic Sensor Networks	Dr.Sheryl Radley	ECE	International Journal of Research and Analytical	2021-2022	ISSN: 2348-1369	https://ijrar.org/?gclid=EAIaIQobChMIsvS8Pi8_gIVcZVLBR2_hQPFEAAAYASAAEgIW5_D_BwE	https://ijrar.org/?gclid=EAIaIQobChMIsvS8Pi8_gIVcZVLBR2_hQPFEAAAYASAAEgIW5_D_BwE	YES
25.	Trident Fuzzy Aggregation Operators on Right and Left Apex-Base Angles in Parallel Computing	Mrs S.M. Sivaraman	ECE	Reviews	2021-2022	ISSN: 4368-3157	https://www.iopress.com/catalog/books/advanced-in-parallel-computing-algorithms-tools-and-paradigms	https://www.researchgate.net/publication/	YES



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26.	Prediction Of Colon Cancer Using Region Seed Growing Segmentation and Dnn Classifier	Mr. M.V.Crispin	ECE	International Journal of Scientific Research & Engineering Trends	2020-2021	ISSN: 2395-533x	https://ijsret.com/	https://ijsret.com/wpcontent/uploads/202	YES
27.	Novel Crawler for Recovery of Things from Unmanned Pit Using Micro Electro Mechanical System	Mrs. B Vennila Priya	ECE	International Journal of Scientific Research & Engineering Trends	2020-2021	ISSN: 2395-533x	https://ijsret.com/	https://ijsret.com/wpcontent/uploads/202	YES
28.	Portable Driver Alert System (Pdas) Using Augmented Reality	Mrs. N. Mohana Priya	ECE	International Journal of Research in Engineering, Science and Management	2019-2020	ISSN: 2581-5792	https://www.ijres.com/	https://www.ijres.com/Vol.3_2020/Vol3_V3_I3_150.pdf	YES
29.	Programmed Routing in the Direction of Mst by Virtue of Port Dependent Decision Device	Dr Sheryl Radley	ECE	Journal on Communication Engineering and Systems	2019-2020	ISSN: 2277 - 5102	https://www.citefactor.org/journal/index/11543/www.jmanagerpublications.com	https://www.proquest.com/openview/1389b13fe08e/1?pqorigsite=gscholar&cbl=2030626	YES
30.	Fuzzy Logic Determining Multi - Paths in Gray Hole Attack for Improving the Energy Efficiency Of Sensor Networks	Dr Sheryl Radley	ECE	Journal of mechanics of continua and mathematical sciences	2019-2020	ISSN: 0973-8975	https://www.journalimcms.org/	https://www.journalimcms.org/special_issue	YES
31.	Intelligent Traffic Control System with Priority to Emergency Vehicles	Mrs. N Thendral	ECE	IOP Conference Series: Materials Science and Engineering	2018-2019	ISSN: 1757-899X	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1	YES