

Publications

S.No.	Author(s)	Title / Topic	Publisher / Organizer / Journal	Year	Additional Details
1	Gokila Vani A	Improved Convolutional Neural Network for Rapid Damage Detection	Computational Intelligence and Communication Technologies	2025	Pages 45-64
2	Gokila Vani A	Rapid Damage Detection using Texture Analysis with Neural Network	Communication in Computer and Information Science	2024	Page 364
3	Gokila Vani A	Unsupervised Hyperspectral Image Classification	Indian Journal of Natural Sciences	2022	Scopus Indexed
4	Gokila Vani A	Hyperspectral Image Classification Using SVM	GEDRAG & ORGANISATIE REVIEW	2020	Web of Science
5	Gokila Vani A	Hough Transform Based Brownboost Fisher Classification	IJSTR	2020	Scopus Indexed
6	Gokila Vani A	Multispectral Image Classification using HMM	ADALYA Journal	2019	Web of Science
7	Gokila Vani A	Survey on Image Processing Classification Techniques	THINK INDIA	2019	UGC Approved
8	Gokila Vani A	Tanimoto Kernel Feature Extraction for Image Classification	IJITEE	2019	Scopus Indexed
9	Gokila Vani A	Gabor Feature Extraction for Scene Classification	JARDCS	2018	Scopus Indexed
10	Gokila Vani A	Aerial Image Classification Techniques Survey	IJAER	2018	UGC Approved
11	Gokila Vani A	Image Mining in Healthcare Survey	JASC	2018	Pages 1962-1966
12	Gokila Vani A	Big Data Analytics in Healthcare Survey	IJSART	2018	Pages 2529-2531
13	Gokila Vani A	Hybrid Medical Image Classification	IJICSE	2017	Pages 71-73
14	Gokila Vani A	Image Compression (Huffman & LZW)	IJRASET	2017	Pages 110-112

S.No.	Author(s)	Title / Topic	Publisher / Organizer / Journal	Year	Additional Details
15	Mr. A.P. Christopher Arokiaraj, Hariprasad D	Location Aware Recommendation System	IJISAE	2024	Scopus Indexed
16	Mr. A.P. Christopher Arokiaraj, Hariprasad D	Monte Carlo Tree Search Recommendation	Springer Book Chapter	2024	DOI Available
17	R. Aswanandini, Deepa C	Intrusion Detection using Classification Algorithms	Aut. Control Comp. Sci.	2023	Scopus, Springer
18	R. Aswanandini, Deepa C	Dimensionality Reduction using Fuzzy ICA	ITMO Journal	2022	Scopus
19	Aswanandini R, Deepa C	Firefly CNN for Cyber Security	Indian Journal of Science and Technology	2021	Web of Science
20	R. Aswanandini, Muthumani N	PSO-based SVM for Cyber Security	IJITEE	2019	Scopus
21	R. Aswanandini	Malware Detection using SVM	JASC	2018	-
22	R. Aswanandini	Cyber Security Challenges Survey	JASC	2018	Pages 1974-1979
23	R. Aswanandini	Text Mining Overview	IJSART	2018	-
24	R. Aswanandini	Multi-Agent Systems for Data Mining	IJCSE	2017	Pages 52-56
25	Viba Mary J	Secure and Efficient Data Transmission using Identity-Based Digital Signature and Identity-Based Online/Offline Digital Signature	IJNS	2023	-
26	Viba Mary J	A Study on Human Genome Sequences for Detecting Inherited Disease Using Optimized Methods	IJCSE	2022	-
27	Viba Mary J	Time and Location-Critical Emergency Message Dissemination for Vehicular Ad-hoc Network	IJRESM	2021	-
28	Viba Mary J	Utilization of Network Layer Protocol for Systematic Routing	IJRASET	2021	-
29	Viba Mary J	IoT Based Vehicle Monitoring using Smart Helmet	Alochana Chakra	2020	-

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30	Viba Mary J	Fingerprint using Vehicle Starter Project	Alochana Chakra	2020	-
31	Viba Mary J	IoT Based Fire Department Alerting System	Alochana Chakra	2020	-
32	Viba Mary J	Secure Data Sharing and Multi-keyword Ranked Search Mechanisms in Cloud	Alochana Chakra	2020	-
33	Viba Mary J	A Study on MANET and its Security Concepts	IJCSMC	2019	-
34	Viba Mary J	Snort Rule Technique for Detecting Worm Attacks	International Journal of Innovative Research & Development	2013	-
35	Viba Mary J	Secure BGP Routing Protocol for Network Services	International Journal of Innovative Research & Development	2013	-
36	Dr. P. Selvi	Document Information Retrieval using Enhanced MapReduce-Based Clustering	IJGDC	2020	ISSN: 0042-9945
37	Dr. P. Selvi	Robust Deduplication using Grasshopper Optimization	JARDCS	2019	Vol. 11, March
38	Dr. P. Selvi	Fuzzy EM Clustering for Big Data Deduplication	IJRTE	2019	Vol. 8, Issue 3S2, pp. 988-993
39	Dr. P. Selvi	Data Mining in Cloud Computing Survey	JASC	2018	Vol. 5, Issue 11, pp. 2046-2057
40	Dr. P. Selvi	Data De-Duplication using Clonal Selection	IJPAM	2018	Scopus Indexed
41	Dr. P. Selvi	Big Data Mining Analysis	IJSART	2018	-
42	Dr. P. Selvi	Duplicate Record Removal Survey	IJCSMC	2017	-
43	Dr. P. Selvi	Fuzzy BAT Algorithm for Deduplication	IJACST	2017	-
44	Dr. P. Selvi	Perspective on Duplicate Record Removal	IJETSR	2016	-
45	S. Kavitha, G. Paramasivam	Hybrid Genetic Modified Whale Optimization for Task Scheduling	JMCM Sciences	2024	Scopus Indexed

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46	S. Kavitha, G. Paramasivam	Multitask Scheduling using Whale Optimization Algorithms	IJCA	2024	UGC Approved
47	S. Kavitha, G. Paramasivam	Energy Efficient Scheduling using Hybrid Genetic Whale Algorithm	Journal of Data Acquisition and Processing	2023	-
48	G. Paramasivam	Image Fusion using SOFM with Histogram Equalization	IJSRR	2018	UGC Approved
49	G. Paramasivam	Study of Image Fusion Algorithms	IJBAR	2018	UGC Approved
50	G. Paramasivam, AnnaSaroVijendran	Image Fusion using Self-Organizing Feature Map	IJAER	2015	Scopus Indexed
51	G. Paramasivam, AnnaSaroVijendran	Efficient Image Fusion Algorithms using SOFM	I.RE.CO.S.	2014	Scopus Indexed
52	G. Paramasivam, AnnaSaroVijendran	Multimodal Image Fusion using SOFM	IJCSN	2014	-
53	G. Paramasivam, AnnaSaroVijendran	Infrared & Visible Image Fusion using SOFM	IJRIC	2014	-
54	G. Paramasivam, AnnaSaroVijendran	Multifocus Image Fusion using Mutual Information	IJCSEE	2013	-
55	G. Paramasivam, AnnaSaroVijendran	SOFM Implementation for Image Fusion	IJIST	2013	-
56	G. Paramasivam, AnnaSaroVijendran	Gray Scale Image Fusion using SOFM	CCSEIT (ACM)	2012	-
57	Santhadevi P, Hemalatha K	Spectrum Sensing in Cognitive Radio	IJSR	2019	DOI + UGC
58	Hemalatha K, Vijayakumar P	IoT Security for Healthcare	IOSRJEN	2020	UGC
59	Hemalatha K, Vijayakumar P	Hyper Elliptic Curve Cryptography	Journal	2021	ISSN Available
60	Hemalatha K, Vijayakumar P	Fish Optimization Signcryption	IJEER	2022	Scopus
61	Hemalatha K, Vijayakumar P	Certificateless Signcryption	TELEMATIQUE	2022	-
62	Hemalatha K, Vijayakumar P	BLS Signcryption for IoT	Conference	2023	-
63	Hemalatha K	Web of Things Smart Health	Conference	-	ISBN
64	Hemalatha K, Vijayakumar P	Smart Health IoT	Conference	-	ISBN

S.No.	Author(s)	Title / Topic	Publisher / Organizer / Journal	Year	Additional Details
65	Hemalatha K, Vijayakumar P	IoT Encryption Healthcare	Conference	-	ISBN
66	Hemalatha K	Kohel Signcryption	Conference	-	ISBN
67	Hemalatha K	Text-to-Speech Assistive Tech	Conference	-	-
68	Hemalatha K	Secure IoT Doubling Method	Conference	-	ISBN
69	Hemalatha K	IoT Industry Analysis	Conference	-	ISBN
70	Hemalatha K	AI & Startups	Book Chapter	-	ISBN
71	Hemalatha K	IoT Smart Environments	Conference	-	ISBN
72	Chandra Prabha.C, Krishnaveni.S	Secure Packet Transfer Using Clustering Technique in Multipath Routing in MANET	Journal of Emerging Technologies and Innovative Research (JETIR)	2022	Vol.9(6): 566-572, https://www.jetir.org/papers/JETIRFN06006.pdf
73	Chandra Prabha.C, Krishnaveni.S	Four Stage Security Algorithm for Data Transfer to Improve Security in MANET	ICTACT Journal on Communication Technology	2022	Vol.13(3): 2731-2736, https://ictactjournals.in/paper/IJCT_Vol_13_Iss_3_Paper_2_2731_2736.pdf
74	Chandra Prabha.C, Krishnaveni.S	Secure Multi-Path Routing Using Splitting and Merging Based Clustering for Reducing Power Usage in MANET	International Journal of Computer Networks and Applications (IJCNA)	2021	Vol.8(2): 79-89, https://doi.org/10.22247/ijcna/2021/208889
75	Chandra Prabha.C, Krishnaveni.S	Secure Access Control Token With Private and Secret Key Sharing Using Multipath Routing in MANET	Design Engineering	2021	Vol.21(7): 14808-14823, http://www.thedesignengineering.com/index.php/DE/article/view/4769
76	Chandra Prabha.C, Krishnaveni.S	An Analysis of Network Coding and Bandwidth Satisfied Multicast Routing Protocol in MANET	International Journal of Research and Analytical Reviews (IJRAR)	2019	Vol.6(1): 566-572, https://www.ijrar.org/papers/IJRAR19J3225.pdf
77	Chandra Prabha.C, Krishnaveni.S	Secure Routing in Wireless Adhoc Network using ARD Mechanism and Elliptic Curve Routing Algorithm	International Conference on Innovative Trends in Computer Science and Applications	2018	ISBN: 978-1-941505-72-4, Pp. 73-75
78	Chandra Prabha.C, Krishnaveni.S	Secure Data Transfer using Two Mode Security Mechanism and E&D Routing Algorithm in MANET	National Conference on Cybersecurity and Digital Forensics for Society	2022	ISBN: 978-93-91347-26-0, Pp. 189-192

S.No.	Author(s)	Title / Topic	Publisher / Organizer / Journal	Year	Additional Details
79	Chandra Prabha.C	Security Issues faced in Different Applications in Big Data	National Conference on Deep Learning & Computer Interaction for Sustainability	2024	ISBN: 978-93-94004-73-3, Pp. 161-164
80	Chandra Prabha.C	Secure Packet Transfer Based on Three Stage Security Techniques Using Cluster in Multipath Routing in MANET	International Conference on Innovative Digital Technologies (ICIDT-24)	2024	ISBN: 978-93-6126-794-9, Pp. 217-221
81	C. Chandra Prabha	Secure Packet Transfer Using Encryption and Digital Signatures with P&P Routing Algorithm in Mobile Ad-Hoc Network	International Conference on Enhanced Techniques in Real Time Applications (ICETRA'25)	2025	ISBN: 978-93-6126-295-1, Pp. 206-209
82	K. Chinnaraju	Advanced Thermal and RGB Fusion for Animal Classification: A Deep Learning Approach	Indian Journal of Natural Science	2025	ISSN: 0976-0997, Vol.16, Pages 570-574, Web of Science
83	K. Nithya, R. Kousalya	PC-DHT: Prefix-Cartesian Distributed Hash Table for Load Balancing and Replication in Wireless Sensor Networks	Indian Journal of Natural Sciences	2025	Vol.15, pp. 88829
84	K. Nithya, R. Kousalya	GEDIR-MST: Geographic Routing Enhanced By Minimum Spanning Tree for Efficient Data Transmission in Wireless Sensor Networks	SSRG International Journal of Electronics and Communication Engineering	2024	Vol.11, pp.26-37
85	K. Nithya, R. Kousalya	EGS-WSN: Enhancing Network-Wide Coordination with Gradient based Time Synchronization in WSN	International Conference on Computational Intelligence and Communication Technologies (ICCICT-2K24)	2024	Vol.I, pp.23
86	K. Nithya, R. Kousalya	Controlled Mobility Time Synchronization for WSNs: A Survey	International Conference on Enhanced Techniques in Real-Time Applications (ICETRA'24)	2024	Vol.1, pp.186
87	K. Nithya, R. Kousalya	Time Based Synchronization Using PCORBSYNC Algorithm in Wireless Sensor Networks	Journal of Propulsion Technology	2024	Vol.5, pp.3001

S.No.	Author(s)	Title / Topic	Publisher / Organizer / Journal	Year	Additional Details
88	K. Nithya	Big Data Analytics for IoT	National Conference on Data Science and Analytics (NCDA-2024)	2024	pp.391-398
89	K. Nithya, R. Kousalya	Using Microgrid - Powerline Fault Identification in Industrial Internet of Things (IIoT)	International Conference for Advanced Computational Research and Innovations (ICACRI-2024)	2024	Vol.1
90	D. Sharmila	AI-Powered Behavioral Analytics in Mental Health: Developing Predictive Models for Therapy Outcomes	The Bioscan	2025	ISSN: 0973-7049, Vol.20, Pages 745-751, Web of Science
91	D. Sharmila, S. Uma	A Review of Malicious Intrusions and Attack Detection Methods in Campus Networks	International Conference on Computational Intelligence and Communication Technologies (ICCICT)	2025	ISBN: 978-81-981953-6-4, Vol.I
92	D. Sharmila	Gender Debiasing Model and Finding Word Semantic Similarity Test Necessity to Empower Women	HiTech Horizon: Safety and Wellbeing	2024	ISBN: 978-81-969021-4-8, Vol.2, pp.68-72
93	D. Sharmila, Sophia Margaret D	Metaverse in Education Sector	International Journal of Innovation Science and Research Technology (IJISRT)	2023	ISSN: 2456-2165, https://doi.org/10.5281/zenodo.7690263
94	D. Sharmila	Review in Artificial Intelligence Tools for Teachers, Learner and Physically Challenged Children	International Conference on Enhanced Techniques in Real-Time Applications (ICETRA'25)	2025	ISBN: 978-93-6126-295-1, pp.206-209
95	G. Keerthana	Hybrid Scheduling for Industrial Projects with Multiple Contractors and Resources	4th International Conference on Enhanced Techniques in Real-Time Applications (ICETRA'25)	2025	ISBN: 978-93-6126-295-1, pp.154-161
96	G. Keerthana	A Secure Framework Architecture for Big Data	6th International Multidisciplinary Conference on Information Science, Management Research and Social Sciences (IMCISMRSS-2025)	2025	ISBN: 978-81-985022-6-1, pp.216-222

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97	G. Keerthana	CPU Scheduling	Copyright	-	Educational
98	C. Chandra Prabha, G. Keerthana	Secure Packet Transfer Based on Three Stage Security Techniques Using Cluster in Multipath Routing in MANET	International Conference on Innovative Digital Technologies (ICIDT-24)	2024	ISBN: 978-93-6126-794-9, pp.217-221
99	M. Anitha	Predicting Mental Wellness: A Comparative Analysis using Machine Learning and Behavioural Factors	Proceedings of the 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks (ICECMSN-2025)	2025	DVD Part Number: CFP254AH-DVD; ISBN: 979-8-3315-8241-8
100	M. Anitha	A Survey on Predicting Forest Fire using Machine Learning Approach	International Conference on Insights and Innovations in Emerging Technologies (ICIET-25)	2025	October 2025

Conferences

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1	G. Keerthana	CPU Scheduling	Study Material Copyright	-	Educational
2	Viba Mary J	IoT-Based Vehicle Monitoring and Security	International Conference on Emerging Technologies in IoT	2020	-
3	Viba Mary J	VANET Emergency Communication System	National Conference on Advances in Vehicular Networks	2021	-
4	Viba Mary J	Secure Network Routing Protocols in IoT and MANET	International Conference on Network Security	2021	-
5	Viba Mary J	IoT Vehicle Monitoring and Analytics	International Symposium on Intelligent Computing	2022	-
6	Viba Mary J	MANET Security Enhancement Techniques	International Conference on Wireless Communication	2019	-