

A.V.C. COLLEGE OF ENGINEERING

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Mannampandal, Mayiladuthurai District, Tamilnadu-609305

RESEARCH AND DEVELOPMENT CELL

Journal Publications

Year: 2025-2026

Dept : AI & DS

S.No	Year	Author Name	Title of the Article	Name of the Journal (National/ International)	Vol No, Issue No, Page No. DOI	ISSN for Journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in Pub Med	Reported in Indian Citation
1	2025	R Kanimozhi	Digital twin driven smart factories: real time physics based co-simulation using edge ai and federated learning	Scientific Reports	15 (1), 43373	20452322	yes	yes	yes	yes	yes
2	2025	R Kanimozhi	Perceived digital threats influencing smartphone use among the aging population	Scientific Reports	15 (1), 27813	20452322	yes	yes	yes	yes	yes
3	2025	R Kanimozhi	Deep reinforcement learning-based intrusion detection scheme for software-defined networking	Scientific Reports	15 (1), 38827	20452322	yes	yes	yes	yes	yes
4	2025	R Kanimozhi	Robust and secure image steganography with recurrent neural network and fuzzy logic integration	Scientific Reports	15 (1), 13122	20452322	yes	yes	yes	yes	yes

5	2025	R Kanimozhi	Adaptive contextual memory network for enhanced communication and efficiency in the internet of underwater things	Scientific Reports	15 (1), 43374	20452322	yes	yes	yes	yes	yes
6	2025	R Kanimozhi	Blockchain and digital twin integration for predictive and secure pandemic alerting	Scientific Reports	16, 3108	20452322	yes	yes	yes	yes	yes
7	2025	R Kanimozhi	Machine Learning in Multidisciplinary Predictions A Contemporary Study on Tool Wear Prediction for Milling Process	TechTrends: Navigating the Frontier of Emerging Technologies	56-72		No	No	yes	No	No
8	2025	R Kanimozhi	AI-Driven Smart Neighborhood Services: A Real-Time Geospatial Booking Platform for Emergency and On-Demand Service Delivery	Concurrency and Computation: Practice and Experience	37 (25-26), e70391	1532-0634	yes	yes	yes	yes	yes
9	2025	R Kanimozhi	Enhancing healthcare collaboration through blockchain-enabled digital twin integration	Human-Centric Integration of 6G-Enabled Technologies for Modern Society	315-326	1573-7721	No	No	yes	No	No
10	2025	R Kanimozhi	Secure Password Generation Using GIBP and Multi-Factor Authentication	Recent Advancements in Computational Intelligence: Concepts, Methodologies and Applications (Part 1)	273-290		No	No	yes	No	No

11	2026	R Kanimozhi	Orchestrating scalable software engineering workflows: A reconfigurable agent-based framework for lifecycle automation and cross-phase optimization	International Journal of Software Engineering and Knowledge Engineering	36,06, 833-845	1793-6403	yes	yes	yes	No	No
12	2026	R Kanimozhi	A Unified Adaptive Deterministic Concurrency Control Framework for Distributed Systems	Concurrency and Computation: Practice and Experience	38 (5), e70638	1532-0634	yes	yes	yes	No	No
13	2026	R Kanimozhi	An Adaptive Computation Model for Fault-Tolerant Execution of Complex Scientific Workflows in Distributed and Federated Cloud Infrastructures	Concurrency and Computation: Practice and Experience	38 (4), e70611	1532-0634	yes	yes	yes	No	No
14	2026	R Kanimozhi	Real-Time Eye Movement Detection for Vision-Based Interfaces	Recent Advancements in Computational Intelligence: Concepts, Methodologies and Applications (Part 2)	268-279			No	Yes	No	No
15	2026	R Kanimozhi	Introduction to climate engineering/geoengineering	Environmental Meteorology and Climate Manipulation				No	Yes	No	No

Dept : ECE

S.No	Year	Author Name	Title of the Article	Name of the Journal (National/International)	Vol No, Issue No, Page No. DOI	ISSN for Journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in Pub Med	Reported in Indian Citation
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1	2025	Dr.C.Jayasri	Novel Machine Learning based optimization for the prediction of traffic in vehicle IoT Network	Engineering Research Express, IOP Science	DOI:10.1088	2631-8695	yes	yes	Yes	yes	yes
2	2025	Dr.K.R.Vinothini	Novel Machine Learning based optimization for the prediction of traffic in vehicle IoT Network	Engineering Research Express, IOP Science	DOI:10.1088	2631-8695	yes	yes	Yes	yes	yes
3	2025	Dr.R.Ramya	Novel Machine Learning based optimization for the prediction of traffic in vehicle IoT Network	Engineering Research Express, IOP Science	DOI:10.1088	2631-8695	yes	yes	Yes	yes	yes
4	2025	Dr.S.Bharathiraja	ENHANCING ENERGY EFFICIENCY IN WIRELESS SENSOR NETWORKS: A HYBRID APPROACH INTEGRATING HF-GSO	ICTACT JOURNAL ON COMMUNICATION TECHNOLOGY	VOLUME: 16, ISSUE: 04	ISSN: 2229-6948 (ONLINE)	yes	yes	yes	yes	yes
5	2025	Dr.S.K.Rajalakshmi	Quantum TRNG for Secure Data Transmission	International Journal of Research and Innovation in Applied Science	Volume XI, ISSUE I PG NO:134-138	2454-6194	No	No	No	No	No
6	2025	Dr.C.Jayasri	Real-Time Multilingual Closed Captioning Sytem with Simplified Captions for Deaf	International Journal of Research and	Volume/Issue:11/2 P:670-674	2454-6194	No	No	No	No	No

Dept : ICE

S.No	Year	Author Name	Title of the Article	Name of the Journal (National/International)	Vol No, Issue No, Page No. DOI	ISSN for Journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in Pub Med	Reported in Indian Citation
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1	2025-2026	S. Vadivazhagi	Design and Implementation of a Solar-Powered IoT Platform for Intelligent Crop Pest Control	Journal of Control and Instrumentation Engineering	Vol. 11 No. 2 (May 2025-August 2025)DOI: https://doi.org/10.46610/JCIE.2025.v011i02.005				Yes		
			Biometric Leaf-inspired Microfluidic Sensors for Enhanced Precision Irrigation in Sustainable Agriculture	International Journal of Image Processing and Smart Sensors	July 2025 Vol. 1 No. 1 (2025) DOI:10.46610/IJIPSS.2025.v01i01.004				Yes		
			Bio inspired Vibrational Sensing for Fruit Ripeness: Mimicking the Bee's Antenna,	Recent Trends in Semiconductor and Sensor Technology	July 2025, Volume 2, Issue 2 DOI: https://doi.org/10.46610/RTSST.2025.v02i02.005				Yes		
4	2025-2026	Ka. Suriyaprabha	Biomimicry-Based Adaptive Control Strategies for Vital Sign Regulation,	International Journal of All Research Education & Scientific Methods	June-2025, Volume 13 Issue 6, DOI: https://doi.org/10.56025/IJARESM.2025.1306253077	ISSN: 2455-6211			Yes		

			Biometric Leaf-inspired Microfluidic Sensors for Enhanced Precision Irrigation in Sustainable Agriculture	International Journal of Image Processing and Smart Sensors	July 2025 Vol. 1 No. 1 (2025) DOI:10.46610/IJIPSS.2025.v01i01.004				Yes		
			Bioinspired Vibrational Sensing for Fruit Ripeness: Mimicking the Bee's Antenna,	Recent Trends in Semiconductor and Sensor Technology,	July 2025, Volume 2, Issue 2 DOI: https://doi.org/10.46610/RTSST.2025.v02i02.005				Yes		
			A Chameleon-inspired Biomimetic Sensing and Control Framework for Mood Change Detection and Regulation,	Journal of Advancement in Electronics Signal Processing,	Vol. 3, Issue 1, February 2026, pp: (25-36)	e-ISSN: 3048-9164			Yes		
			Biomimicry-Based Adaptive Control Strategies for Vital Sign Regulation,	International Journal of All Research Education & Scientific Methods,	June-2025, Volume 13 Issue 6, DOI: https://doi.org/10.56025/IJARESM.2025.1306253077	ISSN: 2455-6211			Yes		
8	2025-20	K. Arulselvan	Adaptive Control Methods for Interacting Conical Tank Processes Using Optimization Algorithm	Research Square Publications, Scientific Reports.	DOI : 10.21203/rs.3.rs-6625198/v1				Yes		

10	2025-2026	J. Sharmila Devi	Design and Implementation of a Solar-Powered IoT Platform for Intelligent Crop Pest Control	Journal of Control and Instrumentation Engineering	Vol. 11 No. 2 (May 2025-August 2025) DOI: https://doi.org/10.46610/JCIE.2025.v011i02.005				Yes		
			Bio inspired Vibrational Sensing for Fruit Ripeness: Mimicking the Bee's Antenna,	Recent Trends in Semi conductor and sensor technology	July 2025, Vol 2, Issue 2, DOI: https://doi.org/10.46610/RTSST.2025.v02i02.005				Yes		
			Optimizing milling parameters for vibration reduction and enhanced performance in machining hardened duplex 2205 material: analysis of vibration, temperature Profiles, and power spectral density (PSD), ,	The International Journal of Advanced Manufacturing Technology, Springer	Published online: 28 October 2025, DOI: https://doi.org/10.1007/s00170-025-16834-8 . SCIE				Yes		

			Machine Contemporary Study on Tool Wear Prediction for Milling Process, TechTrends: Navigating the Frontier of Emerging Technologies,	Publisher: Bentham Science Publishers Pte. Ltd. Singapore	Pages 56-72, November 2025, Hardbound DOI: https://doi.org/10.2174/97988988113271250101 .	Ebook ISBN: 9798898811334/9798898811327, Book Learning in Multidisciplinary Predictions			Yes		
14	2025-20	M. Vinodhini	Design and Implementation of a Solar-Powered IoT Platform for Intelligent Crop Pest Control	Journal of Control and Instrumentation Engineering	Vol. 11 No. 2 (May 2025-August 2025)DOI: https://doi.org/10.46610/JCIE.2025.v011i02.005				Yes		
			Biomimicry-Based Adaptive Control Strategies for Vital Sign Regulation,	International Journal of All Research Education & Scientific Methods	June-2025, Volume 13 Issue 6, DOI: https://doi.org/10.56025/IJA RESM.2025.1306253077	ISSN: 2455-6211			Yes		
			Biometric Leaf-inspired Microfluidic Sensors for Enhanced Precision Irrigation in Sustainable Agriculture	International Journal of Image Processing and Smart Sensors	July 2025 Vol. 1 No. 1 (2025) DOI:10.46610/IJIPSS.2025.v01i01.004				Yes		

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1	2025-26	Padmavathi, V., Kanimozhi, R.,	An Adaptive Computation Model for Fault-Tolerant Execution of Complex Scientific Workflows in Distributed and Federated Cloud Infrastructures	Concurrency and Computation: Practice and Experience	Volume 38, Issue 4, 2026, https://doi.org/10.1002/cpe.70611	1532-0626	Yes	Yes	Yes	Yes	Yes
2	2025-26	Padmavathi, V., Kanimozhi R	Blockchain and digital twin integration for predictive and secure pandemic alerting	Scientific Reports	16, 3108 (2026). https://doi.org/10.1038/s41598-025-32962-3 . https://doi.org/10.1038/s41598-025-32962-3	2045-2322	Yes	Yes	Yes	Yes	Yes
3	2025-26	Padmavathi, V., Kanimozhi R	Adaptive contextual memory network for enhanced communication and efficiency in the internet of underwater things.	Scientific Reports	15, 43374 (2025). https://doi.org/10.1038/s41598-025-27569-7	2045-2322	Yes	Yes	Yes	Yes	Yes
4	2025-26	Padmavathi, V., Kanimozhi, R. & Saminathan, R.	Digital twin driven smart factories: real time physics based co-simulation using edge a.i. and federated learning.	Scientific Reports	15, 43373 (2025). https://doi.org/10.1038/s41598-025-28466-9 .	2045-2322	Yes	Yes	Yes	Yes	Yes

5	2025-26	Padmavathi, V., Kanimozhi, R. .	AI-Driven Smart Neighborhood Services: A Real-Time Geospatial Booking Platform for Emergency and On-Demand Service Delivery	Concurrency and Computation: Practice and Experience	37, no. 25-26 (2025): e70391, https://doi.org/10.1002/cpe.70391 .	1532-0626	Yes	Yes	Yes	Yes	Yes
6	2025-26	V. Padmavathi, Saminathan,	R. A federated edge intelligence framework with trust based access control for secure and privacy preserving IoT systems.	Scientific Reports	15, 35832 (2025).	2045-2322	Yes	Yes	Yes	Yes	Yes
7	2025-26	Padmavathi V, Kanimozhi R,	Enhancing healthcare collaboration through blockchain-enabled digital twin integration	Human-Centric Integration of 6G- Enabled Technologies for Modern Society	Volume:1, Pages: 338- 349, 2025.		Yes	Yes	Yes	Yes	Yes
8		Kanimozhi, R., Padmavathi, V.	Robust and secure image steganography with recurrent neural network and fuzzy logic integration.	Scientific Reports	15, 13122 (2025). https://doi.org/10.1038/s41598-025-97795-6 .	2045-2322	Yes	Yes	Yes	Yes	Yes
9	2025-26	Padmavathi, V., Suresh, C., Kumar, R. L., & Punitha, P.	Adaptive AI-Enhanced Signal Processing Framework for Optimized Communication in the Internet of Underwater Things (IOUT).	International Journal of Pattern Recognition and Artificial Intelligence	39(07), 2558002. https://doi.org/10.1142/S0218001425580029	0218-0014	Yes	Yes	Yes	Yes	Yes
10	2025-26	R.Kanimozhi and V.Padmavathi,	A Unified Adaptive Deterministic Concurrency Control Framework for Distributed Systems	Concurrency and Computation: Practice and Experience	38, no. 5 (2026): e70638, https://doi.org/10.1002/cpe.70638		Yes	Yes	Yes	Yes	Yes

11	2025-26	D.Mahalakshmi	Hummingbird Optimization with Deep Learning Enabled Feature Reduction and Classification Approach for High Dimensional Data	International Journal of Pattern Recognition and Artificial Intelligence	Vol.39, no. 5, pp. 2552004, https://doi.org/10.1142/S0218001425520044	0218-0014	Yes	Yes	Yes	Yes	Yes
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Dept : Mech

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1	2025-26	P.Prabhu, T.P. Mohan, A. Balaji and Shakeel Ahamed	Book chapter Chapter 1 - Introduction to biopolymer based composites for energy generation and storage	Biopolymer-based Composites for Energy Generation and Storage	10.1016/C2023-0-52357-2	· ISBN: 978-0-443-31522-0	YES	YES	YES		YES
2	2025-26	Prabhu, P., Manohar, G., Ayirmis, N., Suresh, V., Shankar, E., Balaji, A., Kumar, A.R., Sekhar, G.R., Krishna, B.S.V. and Murugadoss, P.	Tragacanth gum as a green compatibilizer for natural fiber-polymer interfaces in hybrid composites	Bioresource Technology Reports	Volume 32 - 102313 10.1016/j.bit.2025.102313	· 2589-014X	YES	YES	YES		YES
3	2025-26	Dr. A. Balaji & Mr.R. Purushothaman	Influence of aloe vera fiber weight percentage on the mechanical, thermal and tribological properties of castor oil toughened epoxy composites	Journal of Mechanical Science and Technology	Volume 40, pages 1785–1793 10.1007/s12206-026-0221-1	· 1976-3824	YES	YES	YES		YES

4	2025-26	Jayakumar, Sharmila Devi ., Panchanathan, Balasubramanian. & Ravindran Purushothaman	Optimizing milling parameters for vibration reduction and enhanced performance in machining hardened duplex 2205 material: analysis of vibration, temperature Profiles, and power spectral density (PSD)	The International Journal of Advanced Manufacturing Technology	10.1007/s001	1433-3015	YES	yes	YES		YES
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Dept : S & H

S.No	Year	Author Name	Title of the Article	Name of the Journal (National/International)	Vol No, Issue No, Page No. DOI	ISSN for Journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in Pub Med	Reported in Indian Citation
1	2025-26	Dr.S.Uma	On solving application of non singular matrices in cryptography in intuitionistic fuzzy pentagonal number.	International journal of Advanced trends in engineering and management	PP.53-56	2583-7052			Google scholar		
2	2025-26	Dr. S. Rajalakshmi	A Novel Ranking Methodology for Hexagonal Fuzzy Numbers in Fully Fuzzy Linear Programming Problems	INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS	Vol 12,Issue 2	2349-5138					
3	2025-26	Dr.S.Uma	Utilizing interval-valued fuzzy integers to apply non-singular matrices in cryptography	International journal of Advanced trends in engineering and management.	PP.71-73	2583-7052			Google scholar		
4	2025-26	Dr.S.Sathya	Utilizing interval-valued fuzzy integers to apply non-singular matrices in cryptography	International journal of Advanced trends in engineering and management.	PP.71-73	2583-7052			Google scholar		

5	2025-26	Dr.S.Sathya	On solving application of non singular matrices in cryptography in intuitionistic fuzzy pentagonal number.	International journal of Advanced trends in engineering and management.	PP.53-56	2583-7052			Google scholar		
6	2025-26	Dr.M.Joice Malini	Temperature -Controlled MOSFET Protection Circuit	International journal of Advanced trends in engineering and management.	pp.16-18	2583-7052			Google scholar		
7	2025-26	Dr.M.K.Sangeetha	Temperature -Controlled MOSFET Protection Circuit	International journal of Advanced trends in engineering and management.	pp.16-18	2583-7052			Google scholar		
8	2025-26	Dr.G.Rajeswari	Temperature -Controlled MOSFET Protection Circuit	International journal of Advanced trends in engineering and management.	pp.16-18	2583-7052			Google scholar		

Dept : EEE

S.No	Year	Author Name	Title of the Article	Name of the Journal (National/International)	Vol No, Issue No, Page No. DOI	ISSN for Journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in Pub Med	Reported in Indian Citation
1	2026	Dr.A.Ravi	Performance Evaluation of Intelligent MPPT Algorithms for Enhanced Power Extraction in Standalone Photovoltaic Systems	High Technology L	Volume 32, Issue 2 p.p 28-37	1006-6748	No	Yes	YES	No	Yes

			DRIVE FOR EFFICIENT AGRICULTURAL WATER PUMPING	Advanced Trends in Engineering and Management	https://doi.org/10.59544/kvww8958/icngect26p43						
9	2026	Mrs. C.V. ABIRAMI	IMPROVING LVRT CAPABILITY IN GRID-CONNECTED PV SYSTEM USING DRL-BASED CONTROLLER	International Journal of Advanced Trends in Engineering and Management	114-119 DOI: https://doi.org/10.59544/gasn4551/icngect26p21	2583-7052	No	No	YES	No	Yes
10	2026	Dr.I.MAHENDR AVARMAN	RBFNN MPPT assisted Quadratic Z-Source Boost Converter for PV based Microgrid system	International Journal of Advanced Trends in Engineering and Management	264-270 DOI: https://doi.org/10.59544/vgxl8108/icng	2583-7052	No	No	YES	No	YES
11	2026	Dr.A.RAGAVEN DIRAN	DESIGN AND IMPLEMENTATION OF A 100 W INTERLEAVED SYNCHRONOUS BOOST CONVERTER FOR RURAL SOLAR APPLICATIONS	International Journal of Advanced Trends in Engineering and Management	260-263 DOI: https://doi.org/10.59544/epv7102/icngect26p44	2583-7052	No	No	YES	No	Yes
12	2026	Dr.S.SURIYAPR AKASH	IOT BASED EV SAFETY SYSTEM FOR FIRE PREVENTION AND MULTI FAULT DETECTION	International Journal of Advanced Trends in Engineering and Management	pp. 271-275 DOI: https://doi.org/10.59544/luoj8837/icngect26p46	2583-7052	No	No	YES	No	Yes
13	2026	Dr.SA. CHITHRADEVI	IOT-BASED REAL-TIME WATER PURITY MONITORING AND ALERT SYSTEM FOR SUSTAINABLE SHRIMP FARMING	International Journal of Advanced Trends in Engineering and Management	248-254 DOI: https://doi.org/10.59544/ovvd5444/icngect26p42	2583-7052	No	No	YES	No	Yes
14	2026	Mr.M.ALEX	PV BASED DC MICROGRID WITH HIGH GAIN CONVERTOR FOR	International Journal of Advanced Trends	276-280 DOI: https://doi.org	2583-7052	No	No	YES	No	Yes

			OPTIMIZED ENERGY MANAGEMENT AND REAL TIME MONITORING	in Engineering and Management	g/10.59544/gily1253/icngect26p47						
15	2026	Dr.R.SELVAGA NAPATHY	IOT BASED EV CHARGING SYSTEM	International Journal of Advanced Trends in Engineering and Management	281-284 DOI: https://doi.org/10.59544/ergv7652/icngect26p48	2583-7052	No	No	YES	No	Yes
16	2026	Mrs.G.KAMINI	SMART NAVIGATION GLASSES WITH ULTRASONIC VISION ASSISTANCE	International Journal of Advanced Trends in Engineering and Management	288-292 DOI: https://doi.org/10.59544/lrmy3019/icngect26p50	2583-7052	No	No	YES	No	Yes

Dept ; MBA

S.No	Year	Author Name	Title of the Article	Name of the Journal (National/International)	Vol No, Issue No, Page No. DOI	ISSN for Journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in Pub Med	Reported in Indian Citation
1	2026	S.Rubendoss	Digital Transformation of Training, Learning and Development Practices through Artificial Intelligence.	International Journal of Multidisciplinary Research and Technology	Volume 7 Issue 3 (Special Issue March 2026)	2582-7359	no	no	yes	no	no

2	2025	Dr. G. Sridevi	Assessing The Influence of Work-Life Balance Attrition Intent : The Mediating Role of Employee Engagement among IT Professionals in Chennai	International Journal of Basic and Applied Sciences	Vol 14. Iss.No .5. 923-935	2227-5053	no	yes	yes	no	no
3	2025	Dr. G. Sridevi	Understanding the impact of employee engagement on Attrition Intent: Mediation Model of job satisfaction among itprofessionalsin Urban India	International Journal of Humanities education,	vol.13, No.2 , 279-294	2327-2457	no	yes	yes	no	no
4	2025	Dr. G. Sridevi	Exploring the Influence of Employee Engagement on Attrition Intent: A Study Among IT Professionals in Chennai	Degres Journal. doi.org/10.5281/z enodo.16446153	Volume 10 Issue 7, 279-294	0376-8163	no	yes	yes	no	no
5	2025	Dr. K. Keerthi, Dr.G.Sridevi, Dr.K.Bharathipriya, Dr.M.S.Gayathri	An Analytical Study of the Recruitment and Selection Process at Bocxy Technologies Pvt. Ltd., Chennai	Degres Journal doi.org/10.5281/z enodo.16762453	Volume 10 Issue 8, 56-83	0376-8163	no	yes	yes	no	no
6	2025	Dr.M.S.Gayathri , Dr.R.Renukadevi & Dr.G.Sridevi	Investigating emotional intelligence's impact on workplace innovation: A Review.	International Journal of Innovative Research in Management studies	vol.7 Issue 10 ,PP 11-15,	2455-7188	no	no	yes	no	no

Dept : MCA

S.No	Year	Author Name	Title of the Article	Name of the Journal (National/International)	Vol No, Issue No, Page No. DOI	ISSN for Journals	Reported in Web of Science	Reported in Scopus	Reported in Google Scholar	Reported in Pub Med	Reported in Indian Citation
1	#####	Dr.S.Selvamuthuk	Enhancing Energy Efficiency in Wireless Sensor Networks: A Hybrid Approach Integrating HF - GSO Algorithm, DVFS Algorithm and Duty Cycling	ICTACT Journal On Communication Technology	Volume: 16, Issue: 04	ISSN: 2229-6948(ONLINE) DOI: 10.21917/ijct.2025.0555	No	Yes	No	No	Yes
2	Jul-25	Dr.T.Venakatesan	Enhanced Multi-Level Recommender System Using Turnover-Based Weighting for Predicting Regional Preferences	MDPI , Computer Journal		https://doi.org/10.3390/computers14070294	Yes	Yes	No	No	No
	#####		Map Reduce Based Synthesizing High Frequency Rules In	Goya Journal	Volume 18, Issue 10	ISSN No : 0017 - 2715	Yes	Yes	No	No	No