



VIVEKANANDHA
COLLEGE OF ENGINEERING FOR WOMEN (AUTONOMOUS)
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.
Elayampalayam, Tiruchengode - 637205.

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DEPARTMENT OF INFORMATION TECHNOLOGY
Academic Year 2024-2025

List of SCI/Scopus Indexed Paper Publications by the Faculty

S. No	Name of the Faculty	Title of the paper	Name of the Journal	ISSN Number	Month & Year of Publication	SCI/Scopus	URL/DOI
1.	Dr.A.V.Santhosh Babu	Bayesian multi agent based load balance for control video traffic in Wireless Mesh Network (WMN)	International Journal of Mobile Communications	1741-5217	Accepted	SCI/Scopus 0.7	https://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijmc
2	T.Haritha, Dr.A.V.Santhosh Babu	Early- stage stroke prediction based on Parkinson and wrinkles using deep learning	Neural Computing and Applications	1433-3058	Vol. 36, Issue 1, July 2024	Scopus	https://link.springer.com/article/10.1007/s00521-024-10189-z
3	Dr.A.V.Santhosh Babu	Empowering WBANs: Enhanced Energy Efficiency Through Cluster-Based Routing and Swarm Optimization	Symmetry	2073-8994	Vol. 17, Issue 1, January 2025	SCI/Scopus	https://www.mdpi.com/2073-8994/17/1/80



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S. No	Name of the Faculty	Title of the paper	Name of the Journal	ISSN Number	Month & Year of Publication	SCI/Scopus	URL/DOI
4	Dr.S.Radha	HoneyFed Adaptive Deception With Federated Learning Strategy for Next-Generation Robust MANET Security	Concurrency and Computation: Practice and Experience	ISSN : 1532-0634 Vol.37 / Issue 9-11	APRIL 2025	SCI 1.5	https://doi.org/10.1002/cpe.70100
5	Dr.A.V.Santhosh Babu	Cognitive Edge-Driven Data Handling across Distributed Sensor Nodes for Robust Communication Networks	ECS Journal of Solid State Science and Technology	ISSN : 2162-8777 Vol.14 / Issue 4	APRIL 2025	SCI/ Scopus 2.2	https://iopscience.iop.org/article/10.1149/2162-8777/adc3c4/meta
6	Mrs.T.Haritha Dr.A.V.Santhosh Babu	Semantic-Preserved Generative Adversarial Network Optimized with Tyrnnosaurus Optimization Algorithm for Liver Disorder Classification	ELSEVIER	Volume 293, Article 128675.	APRIL 2025	SCI / 7. 5	https://doi.org/10.1016/j.eswa.2025.128675



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List of Paper Publications by the Faculty (Other Journal)

Sl No	Name of the Faculty	Title of the paper	Name of the Journal	ISSN Number	Month & Year of publicatio n	UGC/ Others	URL/DOI
1	Dr.S.Radha	Waste Collecting Robot in the Ocean	9 th International Conference on Engineering Technology and Science (ICETS'25)	978-93-342-3290-5	March 2025	Others	https://ijrar.org/track.php?r_d=310080
2	Ms.C.Visali	Smart Learning pathways	9 th International Conference on Engineering Technology and Science (ICETS'25)	978-93-342-3290-5	March 2025	Others	https://ijrar.org/track.php?r_d=310079
3	Mrs.R.Logambal	Smart Traffic Management System	9 th International Conference on Engineering Technology and Science (ICETS'25)	978-93-342-3290-5	March 2025	Others	https://ijrar.org/track.php?r_d=310085
4	Mrs.B.Madhubala	Website for Socio-Economic Background Schemes With Chatbot	9 th International Conference on Engineering Technology and Science (ICETS'25)	978-93-342-3290-5	March 2025	Others	https://ijrar.org/track.php?r_d=310127



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S. No	Name of the Faculty	Title of the paper	Name of the Journal	ISSN Number	Month & Year of publication	UGC/ Others	URL/DOI
5	Ms.P.Sudha	Predicting the Severity of Road Accidents Using Deep Learning and Transfer Learning Approaches	IJRASET	ISSN : 2321-9653 Vol.13 / Issue V	May 2025	UGC 7.4	https://www.ijras-et.com/research-paper/predicting-the-severity-of-road-accidents
6	Dr.A.V.Santhosh Babu	A Deep Stacking Network Model of Antiviral-HPV Protein interaction Prediction	ICTACT Journal on Soft Computing	ISSN : 2229-6956 Vol.16 / Issue 1	April 2025	UGC	https://ictactjournala.in/paper/IJS_C_Vol_16_Iss_1_Paper_13_3825_3831.pdf
7	Ms.P.Sudha	Comprehensive Survey on Automated Approach to Predict Road Traffic Accident Severity with Transformer Learning and Explainable AI Techniques	IJRAR	ISSN : 2349-5138 Vol.12 / Issue 1	Jan 2025	other	-