



PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF CSE (CYBER SECURITY)

FACULTY PUBLICATIONS

A.Y: 2025–26

S. No.	Name of the Faculty	Title	Name of Journal	Volume / Issue / Year	ISSN
1	Mrs. T Ganga Bhavani	Colorectal Cancer Unmasked: A Synergistic AI framework for Hyper- granular image dissection, precision segmentation and automated diagnosis	BMC Medical Imaging	Volume 25	14712342
2	Mr. M Manishankar	Automated Multi-Class Animal Species Recognition Using Acoustic Signal Processing and Deep Learning with YAMNet Embeddings	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 13, Issue 4, April 2026	2349-5162
3	Mrs. T Ganga Bhavani	An Intelligent Unsupervised Text Analytics Framework for Railway Safety Incident Classification and Pattern Discovery Using Topic Modeling	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 13, Issue 4, April 2026	2349-5162
4	Mrs. K Sireesha	CrowdSense: A Deep Learning-Based Crowd Flow Detection and Real-Time Visual Analytics System Using CSRNet	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 14, Issue IV, April 2026	2321-9653
5	Mrs. T Ganga Bhavani	HumanSense: A Real-Time Deep Learning Framework for Robust Age and Gender Prediction Using Multi-Task Convolutional Neural Networks	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 14, Issue IV, April 2026	2321-9653
6	Mr. M Manishankar	VisionOS: A Deep Learning-Driven Web-Based Framework for Real-Time Traffic Sign Recognition and Intelligent Transportation Support	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 14, Issue IV, April 2026	2321-9653
7	Mrs. T Ganga Bhavani	DeepVisionCount: A Real-Time Dual-Directional Foot Traffic Analytics Framework Using Lightweight Object Detection and Intelligent Tracking	International Journal of All Research Education and Scientific Methods (IJARESM)	Volume 14, Issue 4, April 2026	2455-6211
8	Mrs. K Sireesha	DiffuVision: A Scalable Web-Based Framework for High-Fidelity Text-to-Image Synthesis Using Stable Diffusion XL	International Journal of All Research Education and Scientific Methods (IJARESM)	Volume 14, Issue 4, April 2026	2455-6211