List of Publications

Department of Computer Science and Engineering--AI&ML

GMR Institute of Technology (Autonomous) : Rajam

Affiliated to JNTU-GV,

Vizianagaram, Andhra Pradesh 532127

Academic Year	National Conference	National Journal	International Conference	International Journal	Book /Book Chapters	Total Publications	Cumulative Publications
June 2025-January 2026	-	-	3	4	01	08	08

International Journals

1. Prasanna Simhadati, C Hrishikesava Reddy, R Gomathi, Supriya Telsang, K Jayaram Kumar, A Barkathulla, V Bhoopathy. Blockchain-Enabled Collaborative Threat Intelligence in IoT Security Using a Hybrid Neural Network Model, International Research Journal of Multidisciplinary Scope (IRJMS). Vol.6. Issue: 3.P. 889-90. DOI: https://doi.org/10.47857/irjms.2025.v06i03.04288.

2. Satishkumar Patnala, Annemneedi Lakshmanarao, Sujan babu Vadde, Keshetti Sreekala, Moupali Roy, Dr. Asmita Manna. advanced lung cancer detection model with u-net-based segmentation, ari-tfmoa feature optimization and machine learning classification. Journal of Theoretical and Applied Information Technology. 31st July 2025. Vol.103. No.14.

3. D. Sumathi, Sreejyothsna Ankam, Pravin Prakash Adivarekar, Kasturi Sai Sandeep, Gomathi R., R. Shobarani, S. Karpaga Iswarya and V. Bhoopathy. Early Plant Disease Detection Using Graph Isomorphic Networks: Enhancing Crop Yield Through Leaf Analysis. Journal of Computer Science. Volume 21 No. 9, 2025, 2065-2073.

4. K. Praghash, Vidyadhari Chalasani, Santhosh Kumar Balan & T. Daniya. Pediatric brain tumor segmentation and classification framework using SGC-U-NET and ARC-DEEP-CNN. International Journal of Information Technology. DOIhttps://doi.org/10.1007/s41870-025-02966-3

International Conferences

1. Govardhani Tentu, Patnayakuni Soma Sekhara Venkata Saketh, Haritha Majji, Navya Sree Bavisetti, Sai Tarun Bankapalli, T. Daniya. Deep neural network-based age and

gender detection in security and surveillance. *AIP Conf. Proc.* 3298, 020047 (2025). https://doi.org/10.1063/5.0279224.

2. Gedela Chandu PreethiCorresponding Author, Basina Sai Chandra Sekhar, Dumpa Venkatesh, Sivuku Chanikya, Killana Krishna, T. Daniya. Face recognition for smart door lock system using machine learning algorithms. *AIP Conf. Proc.* 3298, 020048 (2025). https://doi.org/10.1063/5.0279225.

3. Attada Venkataramana Harshit Raj Paras Nath Singh K. Srividya. Combining Features of Support Vector Machine with Convolutional Neural Network for Image Classification. nternational Conference on Emerging Trends in Networks and Computer Communications (ETNCC). August 2025, DOI:10.1109/ETNCC66224.2025.11299564

Book/Book Chapters:

1. CH. Rakesh and etl. Artificial Intelligence and Machine Learning in Cyber Security. NC Publications. 978-81-991647-4-1

UGC-CARE:

NIL