

Faculty Profile

Name: Mrs. Thotapalli Neha

Designation: Assistant Professor

Teaching Areas: Computer Networks, Network Security, Compiler Design,
Image Processing, Computer Vision and Pattern Recognition



Research Interests: Image Processing and Machine Learning

Education: (Degree, Institution, Location, Year of Completion)

- PhD (Pursuing), JNTU Hyderabad
- M.Tech, CMRIT, Medchal, Hyderabad, 2012
- B.Tech, BRECW, Santosh Nagar, Hyderabad, 2010

Research / Selected Publications:

- “Deep convolutional MRI approach for early detection of alzheimer’s disease” paper published in AIP Conference Proceedings, 2025. <https://doi.org/10.1063/5.0298368>
- “A Review on: A Lightweight DCCN System for Real-Time Surveillance that Detects Abandoned Objects” 2025 3rd International Conference on Communication, Security, and Artificial Intelligence (ICCSAI), Greater Noida, India, 2025, pp. 1586-1591, doi: 10.1109/ICCSAI64074.2025.11064698.
- “Abandoned Object Detection in Crowded Areas using Deep Learning”, paper published in Grenze International Journal of Engineering and Technology, June 2025 Issue.
- “A Review on Intelligent Exam Monitoring System Using Deep Learning” paper published in International Conference on Communications and Cyber Physical Engineering, 28-29th Feb, 2024 in Springer.
- “Disaster Response Using Drones” paper published in Nanotechnology Perceptions, December 2024 20(7) DOI: 10.62441/nano-ntp. v20i7.4275.
- Patent published on System and Method for Voice-Based Food Ingredient Allergy Detection with Application number 202541120896.
- Patent published on System and Method for Intelligent Proctoring for Enhanced Exam Security. With an Application number 202541120098.