



Name : Jayashree Nagaraj

Designation: Assistant Professor

Qualification: M. Tech

Experience

Academic: 8 months

Industry: 4 + years

Courses Taught: DSA, DBMS, OOPS with Java, ML

Areas of Research: Deep Learning, AIML, Quantum theory

Certifications and Achievements:

- 1) NPTEL – DBMS, Data Analytics with python
- 2) Skillup – CAPM, Project Management.
- 3) FDP – i) 5 day international FDP on Gen AI and prompt engineering using co-pilot
ii) Excel R – Data Analytics with Excel, Git & Github
iii) AI and Gen AI with industry Application
iv) Atal FDP on Responsible generative AI and its applications
v) Atal FDP on Frontiers of AI and Data Science
vi) IIT Guwahati- 1 week FDP on Deep Learning & Generative AI

Key Publications:

- 1) Deep Learning based image processing for tulu script identification- IEEE (ICCCMLA 2025)
- 2) GreenNet: Unified & explainable AI Framework for Environmental & Remote Sensing Data – ICDTE- 2025
- 3) Pruning & Quantization techniques for green AI towards energy efficient deep learning models – NCASTEM 2025
- 4) Real time detection of financial fraud rings with GNN on streaming data – SWSIoT 2025