



Name: Mrs. Pooja T K
Assistant Professor

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Qualification Details:

- **B.E (Computer Science and Engineering)**
- **M.Tech (Computer Science and Engineering)**

Professional Experience:

- Working as Assistant Professor in Computer and Business System (Malnad College of Engineering, Hassan) from 23 July 2025 to till date.
- Worked as a Assistant Professor in Computer Science and Engineering (AI&ML) (Rajeev institute of Technology, Hassan) from 05th December 2024 to 22 July 2025.
- Worked as a Guest lecturer in Computer Science and Engineering (Govt polytechnic college Belur, Hassan) from 19th January 2019 to 15th December 2019.

Publication Details:

Journals:

- Pooja T K., Prakash H N “Skin melanoma detection and classification with deep learning” Global Journal of Engineering and Technology Advances, 2024, 20(01), 242–252 DOI: <https://doi.org/10.30574/gjeta.2024.20.1.0136>
- **Pooja, T.K.,** Ananya D A, Bhoomika S, Darshini H J, Manyashree R., “AI - Driven Student Placement Preparation Platform”, International Journal of Innovative Research in Technology, [ISSN 2349-6002\(2026\)](#)

Internship Attended:

Internship done at Mind Craft Lab Technologies Mysore, worked with the domain of “Python programming and machine learning applications.” (2 months) in 2023.

FDPs Attended:

- Successfully completed the 6-Day National Level Faculty Development Program on "Generative & Agentic AI – Tools & Demos" conducted by Pantech Solutions – Technology Beyond the Dreams from 16th – 21st February 2026

- Successfully completed a 12-weeks NPTEL Faculty Development Program (FDP) **“Natural Language Processing” (NLP).**
- Participated in 3 day Faculty Development Programme on “Unlocking the Potential of Data Analytics using Python, Power BI and Tableau”, 19th to 21st January 2025, organized by Department of Computer Science and Engineering, Bangalore Institute of Technology.
- Participated in 6 Day’s ATAL Faculty Development Programme on “AI-DRIVEN MEDICAL IMAGE FUSION ANALYSIS AND DISEASE PREDICTION IN HEALTHCARE” 14th to 19th July 2025, Organized by Department of Artificial Intelligence and Data Science, Rajeev Institute of Technology Hassan.

Patent

“AI Based Plastic Meat Identifying device”

Patent Status:

The patent titled “AI Based Plastic Meat Identifying device” has been successfully filed and registered. The patent is currently under the publication process and is expected to be published within the next month.

Workshops Attended:

1. Participated in 5 days Online Workshop on “Advanced Programming Languages”, 27th to 31 January 2025 organized by Department of Information Science and Engineering, Maharaja Institute of technology, Mysore.

NPTEL Courses:

Course Name	Number of Weeks	Period of course
Distributed System	8 - Weeks	Jul – Sep 2023
Database Management System	8 - Weeks	Jul – Sep 2024
Natural Language Processing	12 – Weeks	Jul -Sep 2025

Certificate:

1. Online certification done at Cognitive class, worked with the domain of “Python and Data Science”.

Academic Project Details:

1. Final Project in M. Tech

Title: “Skin melanoma detection and classification with deep learning”.

2. Final Project in B.E

Title: “High capacity reversible data hiding in image processing using patch level sparse representation”.

Area of Interest:

Artificial Intelligence and Machine Learning, Image Processing, Cryptography, Cloud.