



Muhammad Shameem P

Assistant Professor

Department of Artificial Intelligence
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Educational Background

- Doing Ph.D. In Hindustan Institute of Technology, Chennai
- M.Tech. in Computer Science and Engineering from MEA Engineering College, Perinthalmanna
- B.Tech. in Information Technology from MEA Engineering College, Perinthalmanna

Professional Experience

- 1 years of experience as Assistant Professor in MITS, Andhra Pradesh
- 8 years of experience as Assistant Professor in MEA Engineering College, Perinthalmanna
- 1 years of experience as Assistant Professor in EKC, Manjeri
- 1 years of experience as Assistant Professor MSTM Arts and Science College, Perinthalmanna

Area of Interest

- Artificial Intelligence & Machine Learning
- Health care

Area of Expertise

- Machine Learning
- AI Tools and Techniques
- Python Programming
- Operating System
- Database Management Systems
- Java Programming
- Digital Image processing
- C Programming

Research & Publications

- Exploring machine learning algorithm to boost functional verification - A comprehensive survey-Nanotechnology Perceptions (Scopus Indexed Journal)
- Enhanced Malaria Detection Using 2D CNN and Transfer Learning – South Eastern European Journal of Public Health (Scopus), Dec 2024.
- Advanced Deep Neural Network Approaches for Malaria Classification and Denoising – Frontiers in Health Informatics (Scopus), Oct 2024.
- Precision Segmentation of Thin Blood Smears via U-Net Architectures – ADICS 2024, Chennai, India, Apr 17-18, 2024.
- Enhancing Acute Lymphoblastic Leukemia Diagnosis via Dual Deep Learning – RAICS 2024, Kerala, India, May 16-18, 2024.
- Review of Machine Learning Techniques for Malaria Diagnosis – EI 2023, Melbourne, Australia, Nov 22-23, 2023.
- Advancement in Public Distribution System – ICCMLA 2022, Goa, India, Oct 8-9, 2022.
- Real-Time Visual Interpretation for the Blind – ICECA 2021, Coimbatore, India, Dec 2-4, 2021.

Training & Workshops Handled

- ICT Academy Trainer
- Python Trainer – Nilgiri Arts and Science College, Wayanad.
- Mobile App Development Trainer – Sahrudaya Engineering College, Thrissur.
- Python Trainer – FISAT Engineering College, Ernakulam.

- Python Trainer – Don Bosco Arts and Science College, Kannur.
- Python Trainer – Vimal Jyothi Engineering College, Kannur.

Faculty Development Programs (FDP) Attended

- NEP Orientation Program under Malaviya Mission Teacher Training Program, May 05-13, 2025 (7 Days)
- 5 Days Boot Camp on Responsible Computing organized by IIIT Kottayam, March 17-21 (5 days)
- ATAL FTP - Artificial Intelligence in Data Science Applications – Muffakham Jah College of Engineering & Technology, Hyderabad (Online), Dec 13-19, 2024.
- Cloud Infrastructure – Aug 21-28, 2023 (7 days).
- Deep Learning Case Studies – Oct 25-31, 2023 (7 days).
- Learner-Centric Pedagogy in Outcome-Based Education – Jan 10-12, 2024 (3 days).
- Recent Advancements in AI & Cloud Computing – Apr 26-May 2, 2023 (7 days).
- Image Processing & Computer Vision through Python – Mar 20-22, 2023 (3 days).

NPTEL Certifications

- Successfully Completing Programming in Java
- Successfully Completing Python for Data Science
- Successfully Completing Design and pedagogy of the introductory programming course

Hobbies

- Playing cricket, Badminton
- Watching Movies

For professional inquiries or collaborations, contact via email:
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