Faculty Profile



Dinesh Babu G L , M.E.,
Assistant Professor, Department of Artificial Intelligence and Machine Learning

HIGHLIGHTS:

- Number of Journal Publications: 2
- Patents Published: 4
- Patents Granted: 1

PROFESSIONAL LINKS:

- Scopus ID: 60577431500
- Scopus Link: www.scopus.com/authid/detail.uri?authorId=60577431500
- Google Scholar ID: scholar.google.com/citations?user=VHQOmsgAAAAJ&hl=en
- Anna University Faculty ID: 262611191
- AICTE Faculty ID: 1-3642913815
- LinkedIn: www.linkedin.com/in/dineshglb

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 9 Years

AREA OF SPECIALIZATION:

- Machine Learning
- Artificial Intelligence
- Explainable AI
- Programming Languages (C, Java, Python)
- Data Structures and Algorithms

PATENTS PUBLISHED/GRANTED:

- Blockchain-Based Medical Data Storage Device for Secure and Tamper-Proof Health Information Management
- Ai Based Device for Predicting Maintenance of Industrial Machine

- Blockchain IOT Hybrid System for Transparent and Efficient Supply Chain Management
- Secure Healthcare Data Management using IoT and Blockchain Technology
- Cloud Computing-Based Multi-Tenant Digital Twin Framework for Industrial Applications

JOURNAL PUBLICATION:

- Elangovan, K., Paulraj, P., G L, Dinesh Babu, Anakath, A. S. & Ramasamy, J. (2026). "A Sentiment Analysis Approach for Affective State Recognition With SWISH-Activated DenseNet-169" in Human Event Forecasting. *Journal of Computer Science*, *22*(8), 2367-2384. https://doi.org/10.3844/jcssp.2026.2367.2384
- Dinesh Babu G L, M. Indra Priya, Suresh K, S. P. Santhoshkumar (2025) "AI-Based Phishing Attack Simulation Using Deep Learning Techniques and Cloud-Enabled Email Spoofing Detection" in 2025 2nd Asia Pacific Conference on Innovation in Technology (APCIT) DOI: 10.1109/APCIT65661.2025.11410878

COURSES CERTIFIED:

- Data Mining for Decision Making (NPTEL)
- Large Applications Practicum (NPTEL)
- Specialization Certificate in Machine Learning on Google Cloud (Google, Coursera)
- Specialization Certificate in AI for Medicine (Deeplearning.ai, Coursera)
- Fundamentals of Scalable Data Science (IBM, Coursera)
- Build GenAI Apps Using LangChain (Udemy)
- Python for Data Science (IBM)
- Deep Stream for Video Analytics on Jetson Nano (NVIDIA Deep Learning Institute)
- Google Cloud Computing Foundations (NPTEL)
- Python Programming Essentials (Rice University, Coursera, 88.07%)
- Java Programming: Solving Problems with Software (Duke University, Coursera, 92.86%)
- Introduction to Data Science in Python (University of Michigan, Coursera, 97%)
- Introduction to Machine Learning (Duke University, Coursera, 86%)
- Introduction to TensorFlow (Google Cloud, Coursera, 92.83%)
- Image Classification with Amazon Sagemaker (Coursera Project)
- SQL Bootcamp with MySQL, PHP, and Python (Udemy)
- Kubernetes by Example (Udemy)

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- Presented my research work titled "C^3: A Clinically-Constrained Counterfactual Framework with Inter-Rater Reliability Optimization for Explainable Diabetes Prediction" in "2nd International Conference on AI Powered Technology Integration for Sustainability (AI-PTIS-2026)" from **July 3 to July 4, 2026**, organized by GMRIT University, Rajam, Vizianagaram, Andhra Pradesh

- Attended a Faculty Development Program on Generative Al & Agentic Al organized by SV National Institute of Technology (SVNIT), Surat from 16 February 2026 to 21 February 2026.

- Attended an Online Faculty Development Program titled "Smart Research Ecosystems: AI Tools Transforming Academic Innovation" from March 2 to March 6, 2026 organized by Bannari Amman Institute of Technology.

- Attended a Faculty Development Program titled "AI and Cybersecurity in the Digital Era: LLMs, Generative AI, E-Commerce Analytics and Federated Systems" from March 9 to March 14, 2026 organized by Madanapalle Institute of Technology & Science.

- Attended a Faculty Development Program titled "Phishing and Cyber Security Attack" organized by Aalim Muhammed Salegh College of Engineering, Avadi, Chennai from 27 December 2025 to 1 January 2026.

- Attended a Faculty Development Program titled "Cybersecurity in Blockchain" organized by Misrimal Navajee Munoth Jain Engineering College, Chennai from 15 December 2025 to 19 December 2025

- Attended a Faculty Development Program titled "Agentic AI and Gen Models Future of Healthcare" organized by VIT, Chennai from 24 November 2025 to 28 November 2025

- Attended 14-week webinar series titled "QUANTUM ALGORITHMS USING QNIVERSE", CDAC INDIA from 9 July 2025 to 8 October 2025

- One Week Faculty Industry Training Programme (FITP) on Explainable Artificial Intelligence (XAI Technology) in Association with MIT Square, London organized by Department of Computer Science and Engineering, SRM Institute of Science and Technology, Ramapuram, Chennai from 08.07.2024 to 12.07.2024.