Faculty Profile



G. Priyanga, M.Tech.,(Ph.D)
AP/AIML

PROFESSIONAL LINKS:

- Scopus ID: 59698775100
- Scopus Link: https://www.scopus.com/authid/detail.uri?authorId=59698775100
- Anna University Faculty ID: 2695811999
- AICTE Faculty ID:1-44035428984
- LinkedIn: https://www.linkedin.com/in/priyanga-g-aa172b404/

Publications:

- Published a Paper on Title of Journal "Enhanced Nove ty approaches for Resource Allocation Model for Multi-Cloud Environment in Vehicular Ad-Hoc Networks" and Name of the Journal is International Journal of Scientific Research in Computer Science, Engineering and Information Technology.
- Published a paper on Title of Journal "Light-MLLMAD: A Lightweight Multimodal Large Language Model for One-Shot Industrial Visual Anomaly Detection" and Name Of the Journal is Discover Artificial Intelligence, Journal Indexing Level SCI.

Patent Published:

- Published a patent on the Topic **"A Hybrid Reasoning Framework For Explainable Al With Common Sense Knowledge".**
- Published a patent on the Topic**" Bio-inspired Neural network architecture for real- time optimization and fault detection".**
- Published a patent on the topic **"secure multi-party computation in blockchain networks with ai-driven optimization".**
- Published a Patent on the topic **"Intelligent IOT Device Discovery and lifecycle management leveraging machine learning and cloud APIS".**

- Published a Patent on the topic **"A Cloud-Enabled IoT Framework for Intelligent Traffic Signal Control and Emergency Route Prioritization".**
- Published a Patent on the topic **"System and method for Sentiment classification using deep learning techniques".**

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 4 years 2 months

AREA OF SPECIALIZATION:

- Blockchain
- IOT
- Artificial Intelligence

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

JOURNAL PUBLICATIONS

1. An Efficient Deep Learning Model for Disease Detection in Fig Trees: Ceratocystis Canker Diagnosis with ResNet-50 IEEE Conference Proceedings, Scopus Indexed, Year: 2026.
2. ARNR-Based Interactive Spatial Learning in Education IEEE Conference Proceedings, Scopus Indexed, Year: 2025
3. Deploying IoT for Accurate and Continuous Weather Monitoring: A Real-Time Approach IEEE Conference Proceedings, Scopus Indexed, Year: 2025

FDP /Seminars/Webinars /Workshops Attended:

- One week of FDP on Recent Advancements and Innovations in Computer Science and IT "(22th-27th JULY)
- Io-days workshop Series on "From Scratch to Deployment: Hands - on Model Building with Keras and TensorFlow" from(14th to 25th Oct)
- Participated in "Database Solutions Expert" Conducted by Talent next from (09th -27th Sep)
- Participated in Two day National Level online Workshop on "Designing Effective Surveys"on (8th& 9th Nov)
- One Week of ATEL FDP on " Integrating Machine Learning and Deep Learning in Real-time I0T - 7th Dec 2024)

BOOK'S AUTHORED

"Solar Panel Tilting System Using IOT", Scopus Publications 2024.