Faculty Profile



Ms.A.THAVA VINU, M.E.,(Ph.D.)
Assistant Professor/AIML

PROFESSIONAL LINKS:

- Scopus id: 60118789000
- Scopus link: https://www.scopus.com/authid/detail.uri?authorId=60118789000
- Google Scholar ID: https://scholar.google.com/citations?hl=en&authuser=1&user=HGkxw5sAAAAJ
- Anna University Faculty ID: 2630291988
- AICTE Faculty ID: 1-1743290674

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 14. 9 Years

AREA OF SPECIALIZATION:

- Database Management Systems
- Machine learning
- Data Structures
- Programming in C,C++,Python

PATENTS PUBLISHED:

❖ Title of invention: Quantum computing enabled medical image reconstruction system, Application number: 202641098953 A, Date of Publication: 21/08/2026

❖ Title of invention: Animal image capturing to protect localities around forest areas using ai, Application number: 202541125580 A, Date of Publication: 13/02/2026

PAPERS PUBLISHED:

❖ Redefining Safety Nets: Text Detection solution for Cyberbullying Eradication, Thava Vinu A 2024 International Conference on Distributed Systems, Computer Networks and Cybersecurity (ICDSCNC) IEEE DOI: 10.1109/ICDSCNC62492.2024.10939179; ISBN:979-8-3503-7544-2, Year:2025.

❖ Smart Card E-Insurance Authorization for Vehicles using RFID, Ravikumar S P, Thava Vinu A Sowmia K R,Second International Conference on Intelligent Cyber Physical Systems and Internet of Things (ICoICI 2024) IEEE Xplore Part Number : CFP24VG0-ART ; ISBN : 979-8-3315-4066-1, Year:2024.

❖ Evaluation of Logistic Regression and Decision Tree Models for Lung Cancer Prediction Using Survey Data, K E Narayana; Jayashree K; ThavaVinu A; M.Sindhuja; Jaeyalakshmi M, 2024 International Conference on Electronic Systems and Intelligent Computing (ICESIC) IEEE Xplore Part Number : 10.1109/ICESIC61777.2024.10846239 ; ISBN : 979-8-3315-2298-8, Year:2024.

❖ Parametric analysis in the machining of gun metal using computer numerical control turning process, ThavaVinu A,etc. Feb 2025 AMPSE2024 - International Conference on Advanced

Material processing and Sustainable Energy Springer Volume 246, article number 46, (2025).

❖ A Deep Learning Approach for Intelligent IoT based Energy Management System Babuji R.;Pious A.E.;Thava Vinu A.T.;Devi V.;Thiripurasundari D.;Kumar S.S. International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2022 - Proceedings, Volume , Year 2022, Pages 1037-1041

SEMINAR / FDP:

❖ Attended One Week Online Faculty Development Program titled "Quantum Computing in Artificial Intelligence and Machine Learning Using Qiskit" at GMR Institute of Technology, Rajam on March 25.

❖ Attended Six days ATAL Academy Faculty Development program on "The Role of Artificial Intelligence and Machine Learning in Electric Vehicle Technology" at K Ramakrishnan college of technology on Feb 25

❖ Attended Six days ATAL Academy Faculty Development program on "Design for Test (DFT) Strategies in AI and Machine Learning SOCs" at Dmi Engineering College on Jan 25

❖ Attended Six days AICTE Training And Learning (ATAL) Academy Faculty Development program on "Enhancing Cyber Threat Detection Through Incorporating Digital Technologies" at VelTech Ranagarajan Dr.Sagunthala R&D Institute of Science and Technology on Dec 2024

❖ Attended Six days Faculty Development program on "Cutting edge Technologies in Computer science" at Easwari Engineering College on Sep 2024 .

❖ Attended Six days Faculty Development program on "Harnessing AI for Healthcare Excellence: Innovations, Insights and Impacts" at SRM Institute of Science and Technology June 2024 .

❖ Attended five days Faculty Development program on "Artificial Intelligence in Education: Integrating AI in to computer science curriculum" at St Xavier's catholic College Of Engineering on June 2024 .

❖ Attended five days Faculty Development program on "Machine learning" at St joseph College Of Engineering on June 2024 .

❖ Attended five days Faculty Development program on "IOT Concepts and Applications" under ISTE Staff at Rohini College Of Engineering and Technology on Feb 2024 .

❖ Attended Microsoft, SAP, AICTE five days Faculty Development program on " AI Evolution: From Foundations to Generative AI" under TechSaksham on Jan 2024 .

❖ Attended five days Faculty Development program on "Building Advanced Data Analytics Applications using Cloud" organized by AICTE-TLB on Jan 2024 .

❖ Attended Five days International level virtual Faculty Development program on " Emerging Trends in Data Analytics" at Saveetha College of Arts and Science, Chennai on Jan 2024.

❖ Attended Five days International level virtual Faculty Development program on "Hybrid Education for pedagogical success" at Saveetha College of Arts and Science, Chennai on Jan 2024.