Faculty Profile



Ms. DHANYASREE .PA , M.E.
Assistant Professor – SCOFT (CSE)

HIGHLIGHTS:

- Number of Journal Publications: 1
- H-Index: Not available
- Project Funding Received: Nil
- Patents Published: Nil
- Patents Granted: Nil

PROFESSIONAL LINKS:

- Scopus ID: Not available
- Scopus Link: Not available
- Google Scholar ID: https://scholar.google.com/citations?hl=en&user=1UuvemIAAAAJ
- Anna University Faculty ID: 2775752003
- AICTE Faculty ID: 1-47889222459
- Anna University Supervisor ID: Not available
- LinkedIn: http://www.linkedin.com/in/dhanyasree-pa-881770282

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 5 Months
- Industrial Experience: Nil

INTERNATIONAL EXPOSURE:

- International Exposure: Nil

AREA OF SPECIALIZATION:

- Web Development and Python Programming
- Artificial Intelligence and Machine Learning
- Object oriented programming
- Computer Vision and Data Analytics
- Computer Science and Engineering

ACADEMIC & RESEARCH PROJECTS:

- AI-Powered Workforce Management System – M.E. Final Year Project, published in IJERT Vol. 15, Jan 2026 (2025–2026): Developed an AI-driven workforce management system integrating predictive analytics, automated scheduling, and performance tracking using Python and machine learning.
- Surveillance System Using Traditional Computer Vision Techniques – Python, OpenCV (2024–2025): Built a real-time object detection and motion tracking system using traditional OpenCV-based computer vision algorithms without deep learning models.
- Budget Buddy – Personal Finance Tracker, Capstone Project for Kaggle, Python, Streamlit, HTML, CSS (2024–2025): Built a Python-based budgeting tool with data visualization using Pandas and Matplotlib for expense tracking and financial planning.
- Household Services Application – B.E. Final Year Project, Python Flask, HTML, CSS, MySQL (2023–2024): Designed and developed a full-stack web application for booking and managing household services with user authentication and admin dashboard.

Ph.Ds AWARDED WITH DETAILS:

S:No	Name of Scholar	Title of Thesis	Year of Completion	Full Time/Part Time
	NIL	NIL	NIL	NIL

Ph.Ds GUIDING:ss

- Full Time Scholars: Nil
- Part Time Scholars: Nil

SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY:

- Sponsored Research / Funding Applied / Consultancy: Nil

PATENTS PUBLISHED/GRANTED:

- Patents Published/Granted: Nil

COURSES CERTIFIED:

- Data Science using Python – Scalar Master class (May 2026)
- 5-Day AI Agent Intensive Course with Google – Kaggle (December 2025)
- Power BI Workshop – Data Visualization & Business Intelligence (November 2025)
- Research Issues on Emerging Trends in IoT – Academic Workshop (February 2025)

ACHIEVEMENTS AND AWARDS:

- Published research paper: PA. Dhanyasree, Dr. R. Madhan Mohan – "AI-Powered Workforce Management System," IJERT, Vol. 15, Issue 01, January 2026. DOI: 10.17577/IJERTV15IS010320

SPECIAL SESSIONS DELIVERED:

- Special Sessions Delivered: Nil

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- 5-Day AWS Certified Cloud Practitioner (CLF-C02) Workshop – AWS Student Builder Group at Saveetha Engineering College (July 2026)
- Data Science using Python – Scalar Masterclass (May 2026)
- 5-Day AI Agent Intensive Course with Google – Kaggle (December 2025)
- Power BI Workshop – Data Visualization & Business Intelligence (November 2025)
- Research Issues on Emerging Trends in IoT – Academic Workshop (February 2025)

PROFESSIONAL MEMBERSHIPS:

- Professional Memberships: Nil

OTHER DETAILS (If any):

- Technical Skills: Python, Flask, Pandas, NumPy, SQL/MySQL, R, HTML, CSS, Computer Vision, AI Agent Development, Power BI, Google Docs, Google Sheets, MS Office
- Additional Skills: Google Docs, Google Sheets, Google Slides , MS Office (Word, Excel, PowerPoint), Git, GitHub, Video Editing, Software Testing
- Languages: Tamil – Native/Fluent; English – Intermediate (Professional Working Proficiency)