

Faculty Profile



Mrs. D.Pavai, M.E., (Ph.D)
Assistant Professor– AI&DS

HIGHLIGHTS:

- Number of Journal Publications: nil
- H-Index: nil
- Project Funding Received: nil
- Patents Published: 01
- Patents Granted: nil

PROFESSIONAL LINKS:

- Scopus ID: nil
- Scopus Link: nil
- Google Scholar ID: vdYvFdQAAAAJ
- Anna University Faculty ID: TSAI030
- AICTE Faculty ID:143382336752
- Anna University Supervisor ID:nil
- LinkedIn: nil

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 3 years 5 months
- Industrial Experience: nil

INTERNATIONAL EXPOSURE:nil

AREA OF SPECIALIZATION:

- Virtual Reality
- Compiler Design
- Python Programming
- Artificial Intelligence

Ph.Ds AWARDED WITH DETAILS:

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

Ph.Ds GUIDING:

- **Full Time Scholars:** nil
- **Part Time Scholars :** nil

SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY: nil

PATENTS PUBLISHED/GRANTED:

- IoT and Machine Learning Integrated Health care Solution for Predictive Medicine

COURSES CERTIFIED:

- Completed NPTEL course “**Data Structures with Algorithms using Java**” with Elite + Silver
- Completed NPTEL course “**Compiler Design**” with Elite
- Completed NPTEL course “**Medical Image Analysis**”

ACHIEVEMENTS AND AWARDS: nil

SPECIAL SESSIONS DELIVERED: nil

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- Published a paper titled “**Comprehensive Examination of Autism Neural Disorder Detection: Deep Learning Model**” in ICSES proceedings and International National Conference ICSES-24.
- Published a paper titled “**Encryption Algorithm for High Speed Key Transmission Technique**”, in ICISSI proceedings and presented in International National Conference ICISSI-22 held at Shambunath Institute of Engineering and Technology.
- Published a paper titled “**Development of Virtual Environment for Pre-Operative Assessment of Interactive Tympanoplasty Surgery**”, in IJERT and presented in National Conference NCACS’15 held at Hindustan College of Engineering and Technology.
- Published a paper titled “**An Efficient Pre-Operative Assessment of Tympanoplasty Surgical Training Using Virtual Reality**”, in PSG proceedings and presented in National Conference CPDVM’15 held at PSG College of Technology.
- Published paper in TJS proceedings and presented in National Conference N3CIT presented a topic “**Implementation of Third Party Emergency Alert Using GPS for Security Implication**”, held at T.J.S Engineering College.
- Attended a workshop on “**Advances in 3D Visual collaboration in Production Development**”, held at PSG College of Technology, Coimbatore.

PROFESSIONAL MEMBERSHIPS: nil

OTHER DETAILS (If any):

FACULTY DEVELOPMENT PROGRAM:

- National level FDP on “Recent Advances in Data science, Data Analytics and Cyber Security”.
- International FDP on “Machine Learning and Artificial Intelligence”.
- FDP on “Data Analytics using Python” by ICT academy.
- ATAL sponsored FDP on “ Integrating Machine Learning and Deep Learning in Real-time IoT systems(Association with NVIDIA)”