

Dr. P. DHANAVANTHINI



Designation : Senior Assistant Professor
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Education

Ph. D (Computer Science and Engineering)

2024, Vellore Institute of Technology, Andhra Pradesh Campus, Amaravarthi.

M.Tech (Computer Science and Engineering)

2012, Pondicherry University, Pondicherry.

B.Tech (Computer Science and Engineering)

2012, Pondicherry University, Pondicherry.

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2023-Till date	Senior Assistant Professor	Siddhartha Academy of Higher Education, Vijayawada.	<ol style="list-style-type: none">1. III Year In-charge for Department of CSE.2. Curriculum and syllabus preparation using LaTeX (CSE, AI&DS, AI&ML)3. Preparation of Departmental Academic Policy Documents.4. Handling preparation of syllabus books (Honors & Minors)5. Development of transitory regulations for students

			6. Elective management and CMS reporting. 7. Research project guidance: PG, UG 8. Course Coordinator.
2020-2023	Full time research	Vellore Institute of Technology, Andhra Pradesh Campus.	Full time researcher
2013-2020	Assistant Professor	Sri Manakula Vinayagar Engineering College, Pondicherry.	1. Placement Co-ordinator 2. R&D Member
2012-2013	Assistant Professor	IFET College of Engineering, Villupuram, Tamilnadu.	1. Placement Co-ordinator

Research Interests

Broad Area of Research :

Cyber Security, LLM security and Threat Analysis.

Honors and Awards

- Honoured for the exceptional contribution as Mentor in Smart India Hackathon, 2023.

Courses Taught

- Database Management Techniques - UG
- Operating Systems - UG
- Java Programming -UG
- C Programming -UG
- Object Oriented Analysis and Design -UG
- Artificial Intelligence -UG
- Information Coding Techniques -UG
- Network Security -UG
- Design Thinking -UG
- Data Structures and Algorithms -UG
- Software Engineering -UG
- Agile Project Management -UG
- Malware Analysis and Reverse Engineering -PG
- Application Security, Vulnerability Analysis and Pen Testing -PG

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	https://scholar.google.com/citations?user=XBK8ue8AAAAJ&hl=en&oi=sra
Scopus	https://www.scopus.com/authid/detail.uri?authorId=56440238100
ORCID	https://orcid.org/0000-0003-2245-6626
Research Gate	https://www.researchgate.net/profile/Dhanavanthini-Panneerselvam

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Cloud Associate	EMC Academy	2 weeks	2013
2.	Java SE 6 Programmer	Oracle Java Professional	1 week	2013
3.	Artificial Intelligence Planning (The University of Edinburgh)	Coursera	5 weeks	2014
4.	Machine Learning (Stanford University)	Coursera	5 weeks	2014
5.	Generative AI and LLMs on AWS	edX	1 week	2024

Patents

Granted	NIL
Published	04
Applied	04

S.No	Title	Status	Application No.	Year
1.	Machine Learning-Driven Health Risk	Published	202441103720	2024

	Prediction Tool For Obesity And Lifestyle-Related Diseases			
2.	System And Method For Preventing Ddos Attack	Published	202341003631	2023
3.	Method Of Detection Of Spoofing Websites And Phishing Url An Improvised Neural Network Approach	Published	202241049420	2022
4.	Precise Url Phishing Detection Using Neural Networks And Genetic Algorithms	Published	202141057514	2021

Invited Talks

No. of Invited Talks	03
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Professional Service / Reviewer

- Reviewer in Indonesian Journal of Electrical Engineering and Computer Science.
- Reviewer in International Journal of Electrical and Computing Engineering Systems.

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	6
International / National Level Conferences	10/00
Workshops	15
Instructor Led / Self-Paced Courses	4
Webinars	8

Professional Bodies Membership Details

S.no	Organization
1.	IAENG (International Association of Engineers)
2.	Institute of Computer Science and Technology
3.	NSPE (National Society of Professional Engineers)

(P.DHANAVANTHINI)
