

Mrs.P.R.Hemalatha, M.Tech

AP/CSE

Velammal College of Engineering and Technology, Madurai

e-Mail Id: prh@vcet.ac.in

Blog Address: <https://academictechnicalbytes.blogspot.com>

Educational Qualification

Degree	Branch/Specialization	Name of the College & University	% of Marks /CGPA/Class	Year of Passing
M.Tech	IT	K.L.N.College of Information Technology,Madurai	8.3	2014
B.Tech	IT	Raja College of Engineering and Technology,Madurai	70%	2008

Experience in Years: 10.3 years

Employment History:

Name of the Organization	Designation	Date of joining	Date of relieving	Years of Experience		
				Years	Months	Days
Velammal College of Engg & Tech, Madurai.	Assistant Professor III	23.06.2025	Till date	-	-	-
Velammal College of Engg & Tech, Madurai.	Assistant Professor III	15.06.2017	30.11.2022	5	5	-
K.L.N.College of Engineering and Technology	Assistant Professor	14.08.2009	19.05.2014	4	9	-

Interested Research Areas: Ad-Hoc Networks,IoT & AI

Scholarships and Awards received:

Funded Research Projects N/A

Patent rights received: 1

Publications Details:

1. Patent Journal Publication Details:

- Hemalatha PR, 2024. *Computer Vision Platform for Object Detection and Recognition*. 47/2024, Applied on 17/10/2024 and published on 22/11/2024. The Patent Office Journal

2. International Journal Publication Details:

S. No	Title of the Paper	Journal Name	Vol. No., Issue No.,& Page No., Month & Year of Publication	Impact Factor
1.	Automated Vehicle theft prevention using GSM & GPS	IJIRCCE	Vol: 09, issue: 07 July 2021	7.54
2	Image Copy-Move forgery Detection using Key-Point Based Detection	IJIRCCE	Vol: 08, issue: 05 May 2020	7.488
3	An Obstacle Detection and Distance sensing algorithm for visually Impaired persons	IJSTR Scopus	Vol: 08, issue:10 October 2019	7.46
4	Intelligent plant automation system - ECOBOT	IJRCS	Vol: 05 issue:02 March 2018	3.449
5	Improving the performance of VANET using SADV routing Protocol	IJRCS	Vol:04 issue:04 pgs 14-16; 2017	3.449

3. International Conference Presentation Details:

S. No	Title of the Paper	Conference Name	Vol., Issue & Page No.	Month & Year of Publication
1	“A Comprehensive survey of Efficient Authentication Protocols for the IoV in VANETs”	7 th International Conference on Big Data Innovation for Sustainable Cognitive Computing - EAI BDCC 2024	-	December, 2024
2	“Smart Application to Enhance In-Store Shopping”	International Conference on Emerging Trends in communication and Networking – ETCAN’21”	-	October, 2021
3	“A secure anti-collision data sharing for Dynamic Groups in the Cloud”	International conference on Trending Technologies in Engineering Research – “ICTER2019”	-	March & 2019
4	“Traffic management using routing protocols in VANET”	International conference “ICDASDC2017”	-	October & 2017

4. National Conference Presentation Details:

S.No	Title of the Paper	Conference Name	Month & Year of presentation
1	Advancing sleep apnea diagnosis with 1D CNN-based predictive modeling: a sustainable approach	First National Research conclave 2025 on sustainability: Advancing towards a resilient future.	May, 2025
2	DeepLearning for spatialIntelligence: Geospstial Advances in Environmental and Urban Decision –Making”	First National Research conclave 2025 on sustainability: Advancing towards a resilient future.	May, 2025

5. Google Scholar report:

