

FACULTY PROFILE

Name of Teaching Staff / RMK ID	M. SINDHU/T1108			
Designation	ASSISTANT PROFESSOR			
Department	INFORMATION TECHNOLOGY			
Date of Joining the Institution	11.02.2023			
Qualifications	B.Tech(IT)	M.E(CSE)		
Total Experience	Overall : 3 YEAR 5 MONTHS		in RMK : 2.5 MONTHS	
Papers Published in Journal	Overall : 7		After Joining RMK : 6	
List of Papers Published	1. Employing Capsule Networks for Robust and Efficient Speech Recognition in Challenging Noisy Acoustic Environments, July 2025. 2. Adaptive Quantum and Graph-Attentive Security Framework for DoS Attack Mitigation in VANETs, April 2025. 3. Intelligent Control of Power Converters using Reinforcement Learning, June 2024. 4. Enhancing Security with Machine Learning-based Finger-Vein Biometric Authentication System, April 2024. 5. A Summary on Privacy and Security in Cloud Data using Various Approaches, October 2023. 6. Deep Learning Based Segmentation Approach for Automatic Lane Detection in Autonomous Vehicle , December 2023. 7. Detection of Malarial Parasites Using Microscopic RBC Images in Journal of University of Shanghai for Science and Technology ISSN: 1007-6735 Volume 23, Issue 8, August - 2021.			
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 6		After Joining RMK : 6	
Ph.Ds / Projects Guided	Ph.Ds Guided : 0		Student Projects Guided : 4	
Books Published :	Count : 1			
	List : 1. Fundamentals of AI and ML in Prime International Publication, ISBN No. 978-93-6010-9172.			
Patents	Published Count : 0		Granted Count : 0	
	List : 0			
Professional Memberships	Count : 2			
	1. IAAC 2. IFERP			

Consultancy Projects Completed	Count : 1 Title of the Project: Website Designing and Maintanance Client Address: Ganapathy Engineering Works,No22/23CTH road,Thiruninravur 602024. Duration: 5.10.2023 to 1.1.2024. Amount : 51000 Count : 2 Title of the Project: Website Designing and Maintanance Client Address: KV's Biomedical No.19, Bharathidasan Street, Irumbuliyar, West Tambaram, Chennai-600045. Duration: 5.10.2024 to 2.03.2025. Amount: 61000.
Awards Received	Count : 1
	List : Young Researcher Award
Research grants Received	-
Orchid Link / ID	0009-0002-0103-9030
Google Scholar Link / ID	4PYhizQAAAAJ
Vidwan Link / ID	347319
Research Gate Link / ID	https://www.researchgate.net/profile/Sindhu-M-3
Scopus ID	58995505000