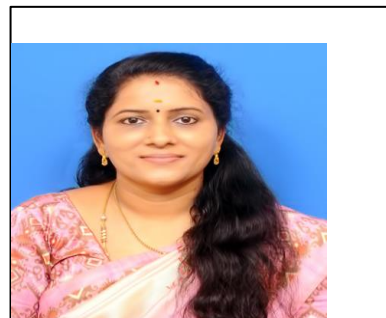


FACULTY PROFILE



Name of Teaching Staff / RMK ID	T1054		
PROFESSOR	Assistant Professor		
Department	Information Technology		
Date of Joining the Institution	23.08.2021		
Qualifications	B.Tech	M.E	(Ph.D)
Total Experience	Overall : 8.1years		in RMK : 3.10 years
Papers Published in Journal	Overall : 14		After Joining RMK : 13

List of Papers Published

1. Non-Invasive Vital Health Monitoring of Senior Citizen with Wearable-IoT Sensor Node, 6th International Conference on Intelligent Computing and Control Systems, ICICCS 2022, Year 2022, Pages 519-524
2. Personal Home Assistance based on Content-based Recommendation Algorithm, International Journal of Mechanical Engineering, Volume 7, Year 2022, Pages 5756-5764
3. Intelligent Control system for BLDC Motor Driven Solar Water Pumping System using Wode Algorithm ,IEEE PUBLISHER, 2023 Third International Conference on Artificial Intelligence and Smart Energy (ICAIS).
4. MUTUAL KEY OVERSIGHT PROCEDURE FOR CLOUD SECURITY AND DISTRIBUTION OF DATA BASED ON HIERARCHY METHOD, International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 06 Issue: 04 | Apr 2019
5. "Study Of Cognitive Radio Techniques For Dynamic Spectrum Allocation" , 2023 4th International Conference on Smart Electronics and Communication (ICOSEC) , doi: 10.1109/ICOSEC58147.2023.10276258 , 2023.
6. "Intruder identification using feed forward encasement-based parameters for cybersecurity along with IoT devices", 32, 101035, April 2024.
7. ., " Development of a Neuro-Inspired Algorithms for Monitoring and Prediction of Earthquakes, 10.4018/979-8- 3693-1850-8.ch006, 15 , 2024 .
8. .,"CRUD Application Using ReactJS Hooks", EAI Endorsed Transactions on Internet of Things, 10, pp. 1-10, 2024.
9. ,"Determining Intrusion Attacks Against Online Applications Using Cloud-Based Data Security", EAI Endorsed Transactions on Scalable Information Systems, <https://doi.org/10.4108/eetsis.5028>, 2024.
10. "Revolutionizing Gas Management: An Integrated Approach To Leakage Detection, Monitoring, And Automated Booking System",2023 International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering (RMKMATE), 2024.

	11." Human AI Collaboration for Backend Text Generation: Dynamic Content Recommendation (DCR) for Websites Based on Keywords",2024 International Conference on Computing and Data Science (ICCDs), 26 June 2024. 12.A future prediction for cyber-attacks in the network domain with the visualisation of patterns in cyber-security tickets with machine learning", International Journal of Electronic Security and Digital ForensicsVol. 16, No. 5, September 2, 2024pp 648-661https://doi.org/10.1504/IJESDF.2024.140758. 13."PollVue: Public Opinion Lens Using Python and Streamlit", 2024 2nd International Conference on Sustainable Computing and Smart Systems (ICSCSS), 20 August 2024. DOI:10.1109/ICSCSS60660.2024.10624963 14."Intelligent Security Monitoring: Machine Learning-based Intrusion Detection", 2025 International Conference on Multi-Agent Systems for Collaborative Intelligence (ICMSCI) , 27 February 2025, DOI:10.1109/ICMSCI62561.2025.10894147
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Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 14	After Joining RMK : 13
Ph.Ds / Projects Guided	Ph.Ds Guided : NIL	Student Projects Guided : 8
Books Published :	Count :1	
	List : Computer Networks	
Patents	Published Count : 2	Granted Count : NIL
	list :1. a method for detection of breast cancer based on iot and machine learning algorithms 2. IOT based covid-19 patient monitoring system	
Professional Memberships	Count :2	
	1. ISTE – LIFE TIME MEMBER SHIP 2. IAENG - LIFE TIME MEMBER SHIP	
Consultancy Projects Completed	Count : 2 1. SIVA Traders- Web Application development 2. Sri Ram Recycle – Website Development 3. RSL AGENCIES - Progressive Web App (PWA) 7 Eco Traders, 4. 7 Eco Traders– Billing Management System	
Awards Received	Count : 2	
	List : 1. WIPRO Certified Faculty 2.Virtusa Verified Faculty	
Research grants Received	Nil	
Orchid Link / ID	ID : https://orcid.org/0000-0003-4497-4221	

Google Scholar Link / ID	ID : https://scholar.google.co.in/citations?user=u6R8Q6EAAAAJ
Vidwan Link / ID	ID : https://vidwan.inflibnet.ac.in/profile/305242#other_information_panel
Research Gate Link / ID	https://www.researchgate.net/profile/Mrekha-Manoharar
Scopus Link / ID	https://www.scopus.com/authid/detail.uri?authorId=36872389500