


FACULTY PROFILE

Name of Teaching Staff / RMK ID	Dr. GEETHA R / T1130			
Designation	Associate Professor(Gr II)			
Department	Computer Science and Engineering			
Date of Joining the Institution	03.06.24			
Qualifications	B.Tech – (IT)	M.E – (CSE)	Ph.D.	
Total Experience	Overall : 16.00 Years		in RMK : 1 year 1 month.20 days	
Papers Published in Journal	Overall : 9		After Joining RMK : 3	
List of Papers Published	<ol style="list-style-type: none"> 1. Geetha R, Rajamani Vayanaperumal, Parthasarathy V, “A Dynamic Approach to Optimizing Cloud Resource Allocation for Enhanced E-commerce Performance in IEEE Conference April 2024[Scopus] 2. Geetha R, Rajamani Vayanaperumal, Parthasarathy V, “An Enhanced Critically Self Correlated Particle Swarm Optimization (CSC-PSO) algorithm for efficient ResourceAllocation in Cloud Computing, Research Square, 2022. 3. Geetha R, Parthasarathy V, “An Advanced Artificial Intelligence Technique for Resource Allocation by Investigating and Scheduling Parallel-Distributed Request/Response Handling”, Journal of Ambient Intelligence and Humanized Computing, Springer, 2021. [SCI] 4. Geetha R, “Secured Rank Keyword Search with Encryption Using Trapdoor”, Journal of Applied Science and Computations, 2019. [SCOPUS] 5. Geetha R, “An Efficient Technique in Bio Engineering for FMMS with Effective data Communication in UWSN”, International journal of Control Theory and Applications, 2016. [SCOPUS] 6. Geetha R, “Performance Evaluation of AFHS 			

	<p>Optimization Algorithm with ACO for USAN”, International journal of Advances in Architecture, City and Environment”, July, 2015. [SCOPUS]</p> <p>7. Geetha R, “Retinal Blood Vessel Extraction using Branching Points”, International journal of Engineering Research and Technology”, 2013. [SCOPUS]</p> <p>8. Geetha R, “Optimized Extreme Learning Machine Framework for Efficient Ransomware Detection Using Seagull Optimization-Based Feature Selction.Feb 2025</p> <p>9. Geetha R,” Autonomous Underwater Mining Operations using Proximal Policy Optimization for Environmental Sustainability” In IEEE June 2025.</p>	
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 9	After Joining RMK : 2
Ph.Ds. / Projects Guided	Ph.Ds. Guided : Nil	Student Projects Guided : 30
Patents	Published Count : 04	Granted Count : Nil
Professional Memberships Consultancy Projects Completed	Count : 01	
	List : CSI	
Orchid Link / ID	https://orcid.org/0009-0009-1573-0632	
Google Scholar Link / ID	https://scholar.google.com/citations?hl=en&user	
Vidwan Link / ID	https://vidwan.inflibnet.ac.in/profile/551894	
Research Gate Link / ID	https://www.researchgate.net/profile/Geetha	
Scopus Link / ID	ID:58072611800	