

FACULTY PROFILE

Name of Teaching Staff / RMK ID	Dr. R. ROBERT			
Designation	ASSISTANT PROFESSOR			
Department	ECE (Advanced Communication Technology)			
Date of Joining the Institution				
Qualifications	B.E.	M.E.	Ph. D	
Total Experience	Overall: 8.5		in RMK: 3 months	
Papers Published in Journal	Overall: 9		After Joining RMK: 2	
List of Papers Published	1. An intelligent approach for electricity generation: Microbial fuel cell G Puthilibai, V Chithra, R Deepashri, R Jeyashri, V Devatarika, R Robert 2022 International Conference on Power, Energy, Control and Transmission 2. Advanced Lung Region Analysis and Anomaly Detection in CXR Images using Optimized VGG-16 Structure V Muneeswaran, R Robert 2025 3rd International Conference on Advancements in Electrical, Electronics 3. Smart Agriculture System for Soil Analysis and Crop Suggestion using AI Techniques MR Krishnan, C Sherin, S Vasanthi, R Robert, R Saravanakumar, ...2025 5th International Conference on Evolutionary Computing and Mobile 4. Current Technology Development in Cancer Detection using Artificial Intelligence: Methodical Exploration and Interpretation R Robert, V Muneeswaran 2025 International Conference on Intelligent Systems 5. Blockchain technology in financial services: Assessing potential opportunities, identifying risks, and understanding its impact on the future of finance H Byeon, GP Selvi, R Robert, S Agalya AIP Conference Proceedings 3306 (1), 030068 6. An Explainable AI Framework for Lung Cancer Detection Using Crested Porcupine Optimized Channel-Attention Inceptionresnet R Robert, V Muneeswaran, JS Kumar 7. PVT-ResNet Fusion: A Hybrid DL Framework for Lung Cancer Prediction Using Image Analysis and Explainable AI R Robert, V Muneeswaran, JS Kumar, P Nagaraj Iranian Journal of Science and Technology, Transactions of Electrical Engineers 8. An Interpretable Frame Work for Lung Cancer Prediction Using Artificial Rabbit Optimized Attention Convolution Neural Networks R Robert, V Muneeswaran, JS Kumar Journal of The Institution of Engineers (India): Series B, 1-18 9. Hybrid YOLO-CNN Architectures for High-Performance Real-Time Waste Classification in Smart Waste-			

	Management System P Gomathi, S Manikandan, R Gopi, R Robert, Sushitha Susan Joseph 2026 International Conference on AI-Driven Solutions for Sustainable Smart Cities: Challenges and Opportunities (ADSSSC)
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Papers Presented in Conferences (Scopus / WoS indexed only)	Overall: 6	After Joining RMK :2
Patents	Published Count: 1	Granted Count: 0
	1. AI Based Biosensor to Detect Lung Cancer	
Research grants Received	Nil	

Google Scholar Link / ID	ROBERT R - Google Scholar
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