



FACULTY PROFILE

Name of Teaching Staff / RMK ID	K.SELVI T1077		
PROFESSOR	Assistant Professor		
Department	Information Technology		
Date of Joining the Institution	11-07-2022		
Qualifications	B.Tech	M.Tech	(Ph.D) Pursuing
Total Experience	Overall : 10.2 Years		in RMK : 4.2 Months
Papers Published in Journal	Overall : 15		After Joining RMK : 14

List of Papers Published

1. Effective Short packet communication for resource allocation in wireless power IoT networks
2. SMS based e-mail sending technique's in android mobiles
3. Minimizing space using Victorian representation by creating word clustering
4. CRUD Application Using ReactJS Hooks
5. A Novel Development of Artificial Intelligence Enabled Learning Methodology for Human Depression Prediction Scheme
6. EscapeScript - Gamified Coding Platform for Empowering Future Coders
7. Enhancing Cyber-Physical Systems Security: A Review of Deep Learning and Blockchain Integration
8. INNS: A Novel Identification of Machine Learning Based Dental Disease Identification Scheme Using Improved Neural Network Strategy
9. Optuna-Optimized Machine Learning Technique for Accurate Diabetes Prediction and Classification
10. Converzio - Multilingual Mastery: An Engaging E-Learning System and Practice using WebRTC
11. AI Powered Virtual Assistant for Enhanced Accessibility in the Visually Impaired Community
12. An AI-Based Recommendation System for Connecting Individuals with Relevant NGOs
13. Face Liveness Detector: An Innovative Approach for Capturing Face and Hand-Gestures
14. Application of CNN-Based Seismic Data Interpretation: A Deep Learning Framework for Earthquake Zone and Fault Structure Prediction

Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 15	After Joining RMK : 14
Ph.Ds / Projects Guided	Ph.Ds Guided : Nil	Student Projects Guided : 12
Books Published :	Count : 1	
	List : Robotics	
Patents	Published Count : 1	Granted Count : Nil
	List : SMART REFRIGERATOR REMINDER SYSTEM WITH IOT-BASED EXPIRY TRACKING AND MACHINE LEARNING SPOILAGE DETECTION	
Professional Memberships	Count : 2	
	ISTE (Life Time Member) IGEN	
Consultancy Projects Completed	Count : 4	
Awards Received	Count : 4	
	List : 1.Best Women Engineer Award 2.NPTEL Discipline star Award (2026) 3.Best Faculty Award (2025) 4.Best Faculty Adviser Award(2024)	
Research grants Received	Nil	
Orchid Link / ID	ID : 0000-0002-3262-9298	
Google Scholar Link / ID	ID : t6HY4ocAAAAJ	
Vidwan Link / ID	ID : 312860	
Research Gate Link / ID	-	
Scopus Link / ID	ID 58497704300	