


FACULTY PROFILE

Name of Teaching Staff / RMK ID	Ms. J.DIVYA / T1019			
Designation	Assistant Professor-II			
Department	Information Technology			
Date of Joining the Institution	21.02.2020			
Qualifications	B.E	M.E	(Ph.D)	
Total Experience	Overall : 6.2 years		in RMK : 5 years 4 months	
Papers Published in Journal	Overall : 1		After Joining RMK :1	
List of Papers Published	1. A Machine Learning Approach for Predicting and Monitoring Air and Weather Quality Index			
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 12		After Joining RMK : 12	
	1.A Study Of Secure Cryptographic Based Hardware Security Module In A Cloud Environment. 2. Deep Analysis of Covid-19 Receptors Recognition and Locating In Pulmonary Ultrasound. 3. An Enhanced Security Scheme For Protecting Sensitive Documents In A Public Cloud Environment Using A Dual Encryption Technique. 4. Wireless Sensor Network and Internet of Things-based Smart Irrigation System for Farming 5. Detection of Parkinson Disease using Machine Learning 6. Internet of Things Enabled Gas Leakage Detection Over Industrial Areas using Powerful MQ Series Sensor and Controller			

	<p>7. Futuristic Authentication: Development of an Artificial Intelligence based Enhanced Face Detection and Recognition System</p> <p>8. A Novel Identity Verification System Using Recursive Zero-Knowledge Proofs</p> <p>9. Enhancing Air Quality Prediction with Hybrid Deep Learning Techniques: A Review</p> <p>10. Sustainable Management Practices for Enhancing Employee Recruitment and Retention</p> <p>11. IoT for Sustainable Development: Enhancing Environmental Efficiency and Resource Optimization</p> <p>12. BoneCareMapper: A Framework for Predictive Bone Fracture Detection using Medical Image Analysis</p>	
Ph.Ds / Projects Guided	Ph.Ds Guided : - Nil	Student Projects Guided :- 3
Books Published :	Count :- 0	
	List :- Nil	
Patents	Published Count : 4	Granted Count : Nil
	List: 1. Smart Body Cam For Domestic Violence Reduction System. 2. Predicting Smoking Level By Machine Learning Algorithm For E-Cigarette. 3. AR Technology For Cancer Treatment 4. Artificial Intelligence-Based Sign Language Recognition.	
Professional Memberships	Count : 1	
	List : 1. ISTE	
Consultancy Projects Completed	Count : 3	
Awards Received	Count : - 2	
	List : 1.IEI- Best Faculty Advisor Award 2023 2. Academic Excellence Award 2024	
Research grants Received	-Nil	

Orchid Link / ID	ID : 0000-0002-2245-5730
Google Scholar Link / ID	ID : oNKEEIIAAAAJ
Vidwan Link / ID	ID : 305209
Research Gate Link / ID	https://www.researchgate.net/profile/Divya-Jothi/research
Scopus Link / ID	ID : 57220892290