

FACULTY PROFILE

Name of Teaching Staff / RMK ID	Ms.K.Jeevitha/T0661			
Designation	Assistant Professor			
Department	Electronics and Communication Engineering			
Date of Joining the Institution	16.07.2011			
Qualifications	M.E (Applied Electronics)			
Total Experience	Overall: 12 years 8 months		in RMK: 11 years 10 months	
Papers Published in Journal	Overall : 12		After Joining RMK :12	
List of Papers Published	<ol style="list-style-type: none"> 1. "IoT Based Horn Control and Oil Purity Monitoring System in Vehicles "published in International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-1, November 2019. 2. "Microstrip spork patch Antenna for Integration into Wearable Textile substrate for ISM Band applications" published in International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, November 2019. 3. "Attack localization task allocation based scheme for implantable medical devices" published in Test Engineering and Management, ISSN: 0193-4120volume -82, pg.8902-8907, Feb-2020. 4. "A Review On Various Segmentation Techniques in Image Processing" published in European Journal of Molecular & Clinical Medicine ISSN: 2515-8260, Volume 7, Issue 4, November, 2020. 5. "Aperture Coupled Technique Using Triangular Shape Patch Antenna for Integration into Different Wearable Textile Substrates" published in European Journal of Molecular & Clinical Medicine ISSN: 2515-8260, Volume 7, Issue 4, November, 2020. 6. "Secure energy efficient automated ticketing system" International Journal of Recent Technology and Engineering 8 (Issue-2), 278-282 7. " Development of Miniaturized All-terrain Vehicle For Surveying of Tunnels" Turkish Online Journal of Qualitative Inquiry 12 (Issue 5), 2374-2378,May 2021. 8. "Lung Nodule Detection In Ct Images Using Acm Based Segmentation Method" Turkish Online Journal of Qualitative Inquiry 12 (Issue 5), 2379-2385, May 2021. 9. "Vehicle Guide To Prevent Accident" Turkish Online Journal of Qualitative Inquiry 12 (Issue 5), 2366 – 2373, May 2021. 10. "Health Supervision Using IoT "Turkish Online Journal of Qualitative Inquiry 12 (Issue 9), 7047 – 7055, August 2021. 			

	<p>11. "Building Social Bot with Python and Tweepy" Turkish Online Journal of Qualitative Inquiry 12 (Issue 9), 7039 – 7046, August 2021.</p> <p>12. "Energy Management based on K-Nearest Neighbour Approach in Residential Application" 2023 Third International Conference on Artificial Intelligence and Smart Energy (ICAIS) , March 2023 DOI: 10.1109/ICAIS56108.2023.10073859</p>	
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 3	After Joining RMK :3
Ph.Ds / Projects Guided	Ph.Ds Guided : - Nil	Student Projects Guided : 14
Books Published :	Count : 01	
	List: Analog Digital Communication Alpha International Publication ISBN : 978-93-95978-92-7	
Patents	Published Count :2	Granted Count : Nil
	<ol style="list-style-type: none"> 1. Implementation of MIMO Antenna for 5G Systems using Complimentary Split Ring Resonators, April 2022. 2. AUTOMATED IRIS RECOGNITION BASED AUTHENTICATION AND GENDER CLASSIFICATION USING NEURAL NETWORK. 	
Professional Memberships	Count : 4	
	<ol style="list-style-type: none"> 1. ISTE 2. IACSIT 3. IAENG 4. NITTSD 	
Consultancy Projects Completed	Count : 2	
Awards Received	Count: 5	
	<ol style="list-style-type: none"> 1. Completed Task Based Training during December 11, 2017 to March 31,2018 through e-Yantra Lab set up Initiative and awarded "Grade A" 2. Secured Top 5% in NPTEL Online Certification for the Course "Fundamental of Electronic Material and Devices in March 2017. 3. Secured Elite in NPTEL Online Certification for the Course "Microprocessor and Microcontroller".in April 2019. 4. Secured Elite and Silver in NPTEL Online Certification for the Course "Digital Circuits "in Nov' 2019 5. Secured Elite and Silver in NPTEL Online Certification for the Course "System Design through Verilog "in Oct 2022. 	
Research grants Received	Nil	

Orchid Link / ID	ID : 0000-0003-0529-5330
Google Scholar Link / ID	ID : pkdtPFIAAAAJ
Vidwan Link / ID	ID : 305376
Research Gate Link / ID	ACE-3915-2022
Scopus Link / ID	ID : 57210597798