


## FACULTY PROFILE

<b>Name of Teaching Staff / RMK ID</b>	<b>Mr.RAJIV A / T1223</b>			
<b>Designation</b>	ASSISTANT PROFESSOR			
<b>Department</b>	ECE			
<b>Date of Joining the Institution</b>	04.02.2026			
<b>Qualifications</b>	B.E. (ECE)	M.E. (EST)	-	
<b>Total Experience</b>	Overall : 15 Years 10 months		in RMK : 4 months	
<b>Papers Published in Journal</b>	Overall : 13		After Joining RMK : Nil	
<b>List of Papers Published</b>	<p>1. An UWB Radar Signal Processing Platform for Real Time Human breathing Feature Extraction, Indian Journal of Science and Technology , Vol. 9 (2016) , pp. 1-4</p> <p>2. E-MAN... (A Hand cum Leg Instrument). For The Amputees of This Universe - Differently abled To Definitely abled, International Journal of Trendy Research in Engineering and Technology , Vol. 5 (2021) , pp.15-19</p> <p>3. Deployment of the WIRELESS SENSOR NETWORK (WSN) using a Computer Vision based AGV - (Mobile Robots), International Journal Of Trendy Research In Engineering And Technology , Vol. 5 (2021) , pp.21-26</p> <p>4. WIRELESS COMMUNICATION SYSTEM: SECURITY ISSUES, International Journal of Trendy Research in Engineering and Technology , Vol. 5 (2021) , pp. 6-9</p> <p>5. Energy efficiency in Ad-hoc On Demand Distance Vector and Dynamic Source Routing protocols using High Energy First algorithm for Mobile Ad-Hoc networks, Journal of Computational and Theoretical Nanoscience , Vol. 17 (2020) , pp. 1920-1924</p> <p>6. Wireless Sensor Networks for Distributed Access Control using Priccess Method, International Journal of Scientific Research &amp; Engineering Trends , Vol. 6 (2020) , pp. 3685-3688.</p> <p>7. COMPARATIVE STUDY BETWEEN VARIOUS PROTOCOLS USED IN INTERNET OF THINGS, International Journal of Trendy Research in Engineering and Technology , Vol. 4 (2020) , pp. 1-4.</p> <p>8. MOBILITY USING CONGESTION AND ACCIDENT AVOIDANCE WITH DRIVER ASSISTANCE SYSTEM, International Journal of Trendy Research in Engineering and Technology , Vol. 4 (2020) , pp. 9-14.</p> <p>9. Quantum Cellular Automata, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering , Vol. 9 (2020) , pp. 387-392</p> <p>10. Algorithm used in Embedded Computing Systems, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering , Vol. 9 (2020) , pp. 354-358</p> <p>11. A Smart walking stick for visually impaired using Raspberry pi, International Journal of Pure and Applied Mathematics , Vol. 119 (2018) , pp. 3485-3489.</p>			

	<p>12. Column decoder using PTL for memory, IOSR Journal of Electronics and Communication Engineering (IOSR-JECE) , Vol. 5 (2013) , pp. 7-14.</p> <p>13. Performance Comparison of Beam Forming Technique Using LMS and SMI algorithms, International Journal of Trendy Research in Engineering and Technology , Vol. 5 (2021) , pp. 1-7</p>	
<b>Papers Presented in Conferences</b> (Scopus / WoS indexed only)	Overall : 3	After Joining RMK : Nil
<b>Ph.Ds / Projects Guided</b>	Ph.Ds Guided : NA	Student Projects Guided : Nil
<b>Books Published :</b>	Count : Nil	
	List : NA	
<b>Patents</b>	Published Count : 1	Granted Count : Nil
	List : CLOUD-BASED DISASTER RECOVERY AND RESCUE DEVICE, 2026	
<b>Professional Memberships</b>	Count : 2	
	List : 1.The Indian Society for Technical Education-Life Member- 82116 2. International Association of Engineers – Member- 540710	
<b>Consultancy Projects Completed</b>	Count : Nil	
<b>Awards Received</b>	Count : Nil	
	List : 1. Certificate of Appreciation- CISCO Certified Trainer from COE Cisco systems , 2016. 2. Recognized as Best Faculty (ECE) in 2017 for academic excellence in Sriram Engineering College.	
<b>Research grants Received</b>	Nil	
<b>Orcid Link / ID</b>	ID : <a href="https://orcid.org/0000-0001-5308-6512">0000-0001-5308-6512</a> <a href="https://orcid.org/0000-0001-5308-6512">https://orcid.org/0000-0001-5308-6512</a>	
<b>Google Scholar Link / ID</b>	ID : <a href="https://scholar.google.com/citations?user=W0Sx3WAAAAAJ&amp;hl=en&amp;">W0Sx3WAAAAAJ</a> <a href="https://scholar.google.com/citations?user=W0Sx3WAAAAAJ&amp;hl=en&amp;">https://scholar.google.com/citations?user=W0Sx3WAAAAAJ&amp;hl=en&amp;</a>	
<b>Vidwan Link / ID</b>	ID: 709973 <a href="https://vidwan.inflibnet.ac.in/profile/709973">https://vidwan.inflibnet.ac.in/profile/709973</a>	
<b>Research Gate Link / ID</b>	<a href="https://www.researchgate.net/profile/Rajiv-Arokiasamy?ev=hdr_xprf">https://www.researchgate.net/profile/Rajiv-Arokiasamy?ev=hdr_xprf</a>	
<b>Scopus Link / ID</b>	ID : 57496409500 <a href="https://www.scopus.com/authid/detail.uri?authorId=57496409500">https://www.scopus.com/authid/detail.uri?authorId=57496409500</a>	