


FACULTY PROFILE

Name of Teaching Staff / RMK ID	Ms.Rathna. R / T1233			
Designation	ASSISTANT PROFESSOR			
Department	ECE			
Date of Joining the Institution	24.05.2026			
Qualifications	B.E. (ECE)	M.E. (CS)	-	
Total Experience	Overall : 1 Year 1 Month		in RMK : 1 month	
Papers Published in Journal	Overall : 1		After Joining RMK : Nil	
List of Papers Published	1. Rathna, R., Bhagyaveni, M.A., Shamina, S.S. and Latha, P., 2024. Low-Profile Slotted Notch MIMO Antenna with Low Envelope Correlation Coefficient. Microwave Journal, 67(9).			

Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 1	After Joining RMK : Nil
Ph.Ds / Projects Guided	Ph.Ds Guided : NA	Student Projects Guided : Nil
Books Published :	Count : Nil	
	List : NA	
Patents	Published Count : 5	Granted Count : 3
	List : <ol style="list-style-type: none"> 1. 2x2 MIMO antenna for 5G communications 2. A hybrid patch-slot antenna with conical semi-circular power divider and PIN diode 3. Car shaped slotted patch antenna 4. Intelligent Resource Allocation for Green IoT Networks of Agriculture Farms 5. Design and Simulation of a Reconfigurable Intelligent Surface (RIS) Operating at 2.4 GHz 	
Professional Memberships	Count : Nil	
Consultancy Projects Completed	Count : Nil	

Awards Received	List : 1. Best Paper Presentation Award
Research grants Received	1
Orcid Link / ID	ID : 0000-0002-2792-8744 https://orcid.org/my-orcid?orcid=0000-0002-2792-8744
Google Scholar Link / ID	ID : YZLB_c4AAAAJ https://scholar.google.com/citations?user=YZLB_c4AAAAJ&hl=en&oi=sra
Vidwan Link / ID	ID: 398128 https://vidwan.inflibnet.ac.in/profile/398128
Research Gate Link / ID	https://www.researchgate.net/profile/Rathna-Rajendran-2?ev=hdr_xprf
Scopus Link / ID	ID: 59743658800 https://www.scopus.com/authid/detail.uri?authorId=59743658800