

**RNS Institute of Technology, Channasandra, Bangalore-560098**  
**ECE Dept | RESUME - Faculty**

<b>Name</b>	PAVITHRA M		
<b>Date of Birth</b>	27/09/1982		
<b>Address</b>	<i>Contact Address:</i> Assistant Professor, Department of ECE, RNSIT, Bangalore-98 <i>E-mail:</i> mpavikanth@gmail.com		
<b>Subject / Discipline/ Major</b>	<i>Electronics and Communication Engineering</i>		
<b>Educational Qualifications</b>	<b>Exam Passed</b>	<b>Institution   University</b>	<b>Year</b>
	Degree: BE(Branch)	Kuvempu university	2004
	PG: M.Tech(Branch)	VTU university	2014
	Higher: Ph.D	Registered VTU university in 2019	
<b>Experience</b>	<b>Nature of Experience</b>	<b>No. of Years</b>	
	Teaching	13 yrs 10 months	
	Industry/Research	NIL	
	Total No. of years of Experience	13 yrs 10 months	
<b>Experience Details</b>	<b>Designation</b>	<b>Institution/ Organization</b>	<b>Duration</b>
	Assistant professor	PESU	13 years
	Assistant professor	RNSIT	10 months
<b>Professional bodies Membership details</b>			
<b>Other Professional Experiences</b>			
<b>Areas of Research Interest &amp; Guidance</b>	<ul style="list-style-type: none"> <li>• Digital Electronics</li> <li>• Embedded Systems</li> <li>• Multi robot Applications</li> </ul>		
<b>National/ International Work Shops/ Seminars / Conferences Attended</b>	<ul style="list-style-type: none"> <li>• Attended one day workshop on RECENT TRENDS ON RF AND MICROWAVE SYSTEMS organized by Telecommunication Dept in associated with IEEE Microwave theory &amp; Technologies Society, Bangalore, August 28, 2010</li> <li>• Participated in One Day National Seminar on “NANO TECHNOLOGIES” Organised by Department of Telecommunication Engineering in collaboration with IETE on 24th August 2012</li> <li>• Participated in Two-day workshop on “Nu Micro Nu-LB-NUC140 Microcontrollers” held on 7th and 8th March 2014 Conducted by Department of Telecommunication Engineering in association with Alaa Technologies.</li> <li>• Attended Two Day workshop on “Deep Learning Models for signal and Image Recognition using Python” held from 1st and 2nd August 2019.</li> <li>• Attended AICTE Academy online Elementary FDP on “Formal Verification Of Digital Design” from 7th June 2021 to 11th June 2021 at PES University.</li> <li>• Attended AICTE Academy online Elementary FDP on “Eminence Of Electric Vehicles and Robotics in Agronomy” from 21st June 2021 to 25th June 2021 at Dhana Lakshmi Srinivasan Engineering College</li> </ul>		
<b>Papers Presented /Books Published</b>	<ul style="list-style-type: none"> <li>• IEEE paper publication published a paper on “Fractal Dimension for Drowsiness Detection in Brain waves” in Year 2014 &amp; presented a paper in International Conference on Contemporary Computing and Informatics (IC3I 2014) held at Sri</li> </ul>		

Jayachamarajendra College of Engineering (SJCE), Mysore, India during November 27- 29, 2014

- Presented a paper in 6th National Conference on “VLSI, Communication & Computer Networks VCCN6” on “Development of techniques for multirobot coordination to represent application task” Organized by AMC Engineering College, Bangalore in Collaboration with the Institutions of Engineers during 17th -18th October 2019.
- Presented a paper in 4th National Conference on “Emerging Trends in Engineering, Science and Technology” on “Smart Parking system Using IOT” Organized by RNSIT College, Bangalore in Collaboration with IETE during 5th July 2021.
- Presented a paper in 4th National Conference on “Emerging Trends in Engineering, Science and Technology” on “Implementation of Precision Farming using Cartesian Robot and Embedded System” Organized by RNSIT College, Bangalore in Collaboration with IETE during 5th July 2021  
Ghousia Begum S., Vipula Singh, “Automatic Diagnostic System for Long-term ECG Data from Holter Monitor” International Journal of Computer Applications (IJCA) June 2012.

**Additional Information**  
(if any)