

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

<b>Name</b>	<b>Ghousia Begum S</b>		
<b>Date of Birth</b>	16-2-1987		
<b>Address</b>	<b>Contact Address:</b> Assistant Professor, Department of ECE, RNSIT, Bangalore-98 <b>E-mail:</b> ghousiabs@gmail.com		
<b>Subject / Discipline/ Major</b>	<b><i>Electronics and Communication Engineering</i></b>		
<b>Educational Qualifications</b>	<b>Exam Passed</b>	<b>Institution   University</b>	<b>Year</b>
	<b>Degree: BE (ECE)</b>	<b>G M Institute of Technology, VTU</b>	2009
	<b>PG: M.Tech (VLSI and Embedded systems)</b>	<b>RNS Institute of Technology, VTU</b>	2012
	<b>Higher: Ph.D. (Pursuing):</b> Biomedical Signal Processing (Area)	<b>RNS Institute of Technology, VTU</b>	
<b>Experience</b>	<b>Nature of Experience</b>	<b>No. of Years</b>	
	Teaching	9	
	Industry/Research	-	
	Total No. of years of Experience	9	
<b>Experience Details</b>	<b>Designation</b>	<b>Institution/ Organization</b>	<b>Duration</b>
	Assistant professor	RNSIT	August 2012- till date
<b>Professional bodies Membership details</b>			
<b>Other Professional Experiences</b>	<ul style="list-style-type: none"> <li>Resource person for IEEE sponsored 3-day workshop on "<b>Computer Networks Laboratory using NS3, NCTUNS and C/C++</b>" during January 23-25, 2018 at RNSIT, Bengaluru.</li> </ul>		
<b>Areas of Research Interest &amp; Guidance</b>	<ul style="list-style-type: none"> <li>Signal Processing</li> <li>Machine Learning</li> </ul>		
<b>National/ International Work Shops/ Seminars / Conferences Attended</b>	<ul style="list-style-type: none"> <li>ATAL FDP on "<b>Recent Trends in the world of Photonics</b>" from 26<sup>th</sup> July to 30<sup>th</sup> July 2021(5 Days) at RNSIT, Bengaluru.</li> <li>FDP on "<b>Machine Learning and Deep Learning Using Python</b>" during January 30,31 &amp; February 01 2020(3 Days) at RNSIT, Bengaluru.</li> <li>3 days FDP on "<b>Python programming and applications</b>" from 18 – 20, June 2018 at RNSIT, Bengaluru.</li> <li>IEEE sponsored 3-day workshop on "<b>Computer Networks Laboratory using NS3, NCTUNS and C/C++</b>" during January 23-25, 2018 at RNSIT, Bengaluru.</li> <li>ISTE Sponsored FDP on "<b>NS-3 and its Advanced Usage</b>" from June 27-July 1 2016 at RNSIT, Bengaluru.</li> <li>FDP on "<b>Antenna Design &amp; GPR Applications Using PAM-CEM</b>" from 21-22, June 2016, RNSIT, Bengaluru.</li> <li>AICTE Sponsored 2-week FDP on "<b>Advanced Communication Technologies</b>" from 15 - 27, July 2013 at RNSIT, Bengaluru.</li> </ul>		
<b>Papers Presented/Books Published</b>	<ul style="list-style-type: none"> <li>Rashmi N, Ghousia Begum S, Dr vipula singh, "ECG Denoising Using Wavelet Transform and Filters" , IEEE International Conference on Wireless Communication, Signal Processing and Networking (WiSPNET) held at SSN college of Engineering, Chennai, India, during 22-24 March 2017.</li> <li>Akhtar Banu, Ghousia Begum S, Vipula Singh, "ECG Data Compression Methods for Telecardiology Application", National Conference-KSHITIJA, May 12<sup>th</sup> 2015.</li> </ul>		

- Varsha vatge, Ghousia Begum S, Vipula Singh, "ECG Signal Analysis", International conference on Research in Business Management and Information Technology, Published in ELK Asia Pacific Journals, ISBN: 978-81-930411-5-4, April 22<sup>nd</sup> 2015.
- Ghousia Begum S, Dr. Vipula Singh, "ECG Signal Processing for Remote Healthcare System", International Conference on Circuits, Controls and Communication (CCUBE), 978-1-4799-1601-2:2013, IEEE.
- Ghousia Begum S., Vipula Singh, "Automatic Diagnostic System for Long-term ECG Data from Holter Monitor" International Journal of Computer Applications (IJCA) June 2012.
- Ghousia Begum S., Vipula Singh, "Efficient and fully Automatic ECG Abnormality Diagnostic System" The International Conference on Multimedia and Content Based Information Retrieval (ICMCBIR) July 2012.
- Ghousia Begum S., Vipula Singh, "Automatic ECG Abnormality Diagnostic System", Proceedings of National Conference on Computational Intelligence & Applications NCCIA'12, 9 & 10 Feb 2012.

**Additional Information**

(if any)