

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

<b>Name</b>	<b>Vinaya Kusuma</b>		
<b>Date of Birth</b>	12/06/1980		
<b>Address</b>	<i>Contact Address: Vinaya Kusuma Asst</i> Professor, Department of ECE, RNSIT, Bangalore-98 <i>E-mail:</i> vinaya.kusuma@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(ECE)	KVG College of Engineering	2002
	PG: M.Tech(VLSI & Embedded Systems)	RNS Institute of Technology	2015
	Higher: (Pursuing Ph.D)	RNS Institute of Technology Design and Implementation of optical delay lines on silicon-based platform	
<b>Experience</b>	<b>Nature of Experience</b>	<b>No. of Years</b>	
	Teaching	7	
	Industry/Research	4	
	Total No. of years of Experience	11	
<b>Experience Details</b>	<b>Designation</b>	<b>Institution/ Organization</b>	<b>Duration</b>
	Assistant professor	RNSIT	July 2015 – till date
	Assistant professor	Vivekananda College of Engineering, Puttur	Aug 2012 – Jul 2013
<b>Professional bodies Membership details</b>	IEEE, IEEE photonics		
<b>Other Professional Experiences</b>	Worked as senior software engineer and Team Lead at Caritor India Pvt Ltd		
<b>Areas of Research Interest &amp; Guidance</b>	Photonics		
<b>National/ International Work Shops/ Seminars / Conferences Attended</b>	<ul style="list-style-type: none"> <li>• <b>TENCON 2015</b>, IEEE Conference, Macau, China</li> <li>• 3 days FDP on “<i>Python programming and applications</i>” from 18 – 20, June 2018 at RNSIT, Bengaluru.</li> <li>• IEEE sponsored 3-day workshop on “<i>Computer Networks Laboratory using NS3, NCTUNS and C/C++</i>” during January 23-25, 2018 at RNSIT, Bengaluru.</li> <li>• FDP on “<i>Special Topics in Optics and Photonics</i>” from 27<sup>th</sup> to 28<sup>th</sup> January - 2017 (2 Days) at RNSIT, Bengaluru.</li> <li>• ATAL FDP on “Recent Trends in the world of Photonics” from 26<sup>th</sup> July to 30<sup>th</sup> July 2021(5 Days) at RNSIT, Bengaluru.</li> </ul>		
<b>Papers Presented /Books Published</b>	<ul style="list-style-type: none"> <li>• “Low Complexity Distributed Approach to Hyperspectral Image Compression” TENCON 2015, IEEE Conference, Macau, China</li> <li>• “Hyperspectral Image Compression based on Distributed Source Coding”, National Conference Kshitija-2015, SJCIT, Chickballapur.</li> </ul>		
<b>Additional Information (if any)</b>			