

Name	<b>Manjula Vasant Kiresur</b>		
Date of Birth	23/06/1976		
Address	<b>Contact Address: Vinaya Kusuma Asst Professor, Department of ECE, RNSIT, Bangalore-98</b> <b>E-mail: manjulakiresur@gmail.com</b>		
Subject / Discipline/ Major	Electronics and Communication Engineering		
Educational Qualifications	<b>Exam Passed</b>	<b>Institution   University</b>	<b>Year</b>
	Degree: BE(ECE)	BVB College of Engineering/KUD	1998
	PG: M.Tech(Branch)	BVB College of Engineering/KUD	2000
	Higher: (Pursuing Ph.D)	RNS Institute of Technology SDR solution to reprogrammable muti band multi modem for IEEE 802.15.4	2020
Experience	<b>Nature of Experience</b>	<b>No. of Years</b>	
	Teaching	21	
	Industry/Research		
	Total No. of years of Experience	21	
Experience Details	<b>Designation</b>	<b>Institution/ Organization</b>	<b>Duration</b>
	<b>Associate professor</b>	RNS Institute of Technology	JAN 2007 – till date
	Lecturer	RNS Institute of Technology	Aug 2003-Dec2006
	Lecturer	SDM college of Engineering	Aug 2001-Aug 2003
	Lecturer	BVB college of Engineering	June 2000-July 2001
	<b>Associate professor</b>	RNS Institute of Technology	JAN 2007 – till date
Professional bodies Membership details	MISTE ,MIETE		
Other Professional Experiences	<ul style="list-style-type: none"> <li>• Having ownership of <b>3 patents</b> which are published in the area of image processing and wireless communication</li> <li>• Worked as regional <b>NPTEL regional translator</b> for technical course translation to Kannada language</li> </ul>		
Areas of Research Interest & Guidance	Wireless communication, Software Defined Radios, Image processing		
National/ International Work Shops/ Seminars / Conferences Attended	<ul style="list-style-type: none"> <li>• ATAL FDP on ‘COMBATING CANCER: ROLE OF ML TECHNIQUES IN PREVENTION AND TREATMENTS’ from 7th-11th june 2021</li> <li>• ATAL FDP on ‘EmergencyTrends in RF and Energy Device and Circuits’ from 22nd Feb to 26th Feb, 2021.</li> <li>• FDP on ‘NBA and NAAC Accreditation Process’ from 4th to 8th June 2020</li> <li>• One Week FDP on ‘Machine Learning &amp; Deep Learning Applications In Engineering &amp; Science (MLDLAES-2020)’ from 16 to 20 May 2020</li> <li>• 3 days FDP on “Python programming and applications” from 18 – 20, June 2018 at RNSIT, Bengaluru</li> </ul>		

- IEEE sponsored 3-day workshop on “Computer Networks Laboratory using NS3, NCTUNS and C/C++” during January 23-25, 2018 at RNSIT, Bengaluru.
- FDP on “Special Topics in Optics and Photonics” from 27th to 28th January - 2017 (2 Days) at RNSIT, Bengaluru.

PapersPresented /Books  
Published

## **Paper publication**

- **Title:** Bone Cancer Detection Using Convolution Neural Network – An overview  
**published in:** International Journal of Creative Research Thoughts (IJCRT)  
Volume 9, Issue 3 March 2021 | ISSN: 2320-2882  
**Paper ID:** IJCRT2103577  
**Link:** [https://ijcrt.org/viewfull.php?&p\\_id=IJCRT2103577.pdf](https://ijcrt.org/viewfull.php?&p_id=IJCRT2103577.pdf)
- **Title :** **Computer aided diagnosis of skin cancer**  
**published in:** International Journal of Creative Research Thoughts (IJCRT)  
Volume 9, Issue 2 February 2021 | ISSN: 2320-2882  
**Authors :** Dr. Manjula Vasant Kiresur, Faseeha Tarannum  
**Paper\_id :** IJCRT2102151  
**DOI--** <http://doi.one/10.1729/Journal.25742>  
**LINK :** <https://ijcrt.org/papers/IJCRT2102151.pdf>
- **Title :** **An Emergency Portable Ventilator for COVID Patients with Acute Breathing Difficulty**  
**published In :** International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-10 Issue-1, November 2020  
  
**Authors :** Dinesh K. Anvekar, Manjula Vasant Kiresur, Usha B. Siddaiah, Archana R Kulkarni, Narendra Kumar  
**Paper\_id :** 100.1/ijitee.A81921110120  
**DOI:** 10.35940/ijitee.A8192.1110120
- **Title** Reconfigurable Software Defined Radio Modem for Personal Area Network  
**published in:** IEEE WiSPNET 2017 conference  
**Authors** Manjula Vasant Kiresur and S. Sandya:  
**DOI:** [10.1109/WiSPNET.2017.8299999](https://doi.org/10.1109/WiSPNET.2017.8299999)
- SDR Solution to IEEE802.15.4 sub-1GHz band BPSK Modem  
IEEE SPONSORED 3rd INTERNATIONAL CONFERENCE ON ELECTRONICS AND COMMUNICATION SYSTEMS (ICECS 2016)  
**Authors :** Manjula Vasant Kiresur , S Sandya  
**Title :** SDR solution approach for Baseband- Personal Area Network  
**published in:** International Journal of Emerging Technology and Advanced Engineering(IJETAE) **Volume 2, Issue 4, April 2012 (ISSN 2250 – 2459)**  
  
**Authors :** Manjula V K , S Sandya  
**Paper\_id :** IJETAE\_0412\_121  
**LINK :** <http://www.ijetae.com/Volume2Issue4.html> , page 645-648
- **Title :** **Multiband NCO for BPSK, FSK and FM techniques**  
**published in** International Journal of Scientific and Engineering Research (IJSER) (ISSN 2229- 5518), Volume 3, Issue 7, July 2012  
**Authors :** Sunita Desai S , Pawan Kumar Bhargav Manjula V K , S Sandya  
**Paper\_id :** I016359  
**LINK :** [http://www.ijser.org/ResearchPaperPublishing\\_July2012\\_Page2.aspx](http://www.ijser.org/ResearchPaperPublishing_July2012_Page2.aspx)
- **Title :** **High Frequency RF Source for High Data Rate Modulation Techniques**  
**published in** International Journal of Scientific and Engineering Research (IJSER) – (ISSN 2229-5518), Volume 3, Issue 7, July 2012  
**Authors :** Sushma K Manjula V K , S Sandya  
**Paper\_id :** I016358  
**LINK :** [http://www.ijser.org/ResearchPaperPublishing\\_July2012\\_Page2.aspx](http://www.ijser.org/ResearchPaperPublishing_July2012_Page2.aspx)

**Additional Information**  
(if any)

Honored with "Award of excellence in Research" for the Ph.D work in 2021 from Novel research academy