

## Profile

	<p>Name: P.Nagaraju Designation: Associate Professor Department: Telecommunication Engineering College: R V College of Engineering, Bangalore. Contact: 09916911720; nagarajup@rvce.edu.in</p>
<p>Mr. P.Nagaraju is an Associate Professor in the Department of Telecommunication Engineering, R V College of Engineering, Bangalore. He is working in RVCE from September, 1992.</p> <p>He has obtained his BE in Electronics and Communication from PES College of Engineering, Mandya under University of Mysore and ME from BMS College of Engineering, Bangalore under Bangalore University.</p> <p>His areas of interest are Signal Processing and Communication. He has taught subjects such as Signals &amp; Systems, Digital Signal Processing, Analog Communication, Information Theory and Coding, and Digital Communication for under-graduate students. For Master's students, he has taught Advanced Digital Communication, Multimedia Communication, Modern DSP and Statistical Signal Processing. He has guided many projects at both undergraduate and Post graduate levels.</p> <p><b>He has delivered courses in the VTU-Edusat programme on 'Digital Communication' during 2007-08 and on 'Analog Communication' during 2012.</b></p> <p>He has about 11 publications in International and National level conferences in the areas of Signal Processing, Image Processing and Digital Communication. He has authored a book titled 'Signals and Systems' (ISBN:8188429260) along with Prof. H V Kumaraswamy.</p> <p>He has delivered expert lectures at various Institutions and Industries. He has been a resource person for the continuing education programmes for the employees of DRDO, and Master's programmes for Mangalore university, Jain University and Manipal University.</p>	

He has coordinated a one week Short Term Training Programme (STTP) for the faculty on the topic “Trends in Broad Band Communication” in 2004, sponsored by ISTE, New Delhi. He has also coordinated four National level Conferences conducted by the Telecommunication department, RV College of Engineering, Bangalore.

He has been associated with various autonomous institutions in the review of curriculum and evaluation in the field of Signal Processing and Communication.

#### **List of Publications:**

1. P.Nagaraju, Avinash K.R., Surendra S., Shivaprasad S., “ FlexRay Protocol based an Automotive Application”, International Journal of Emerging Technology and Advanced Engineering, ISSN 2250-2459, Volume 2, Issue 5 , May 2012.
2. P.Nagaraju, Shreekanth M., “ Design and Simulation of Software Defined Radio using Matlab Simulink”, International Conference on Computing and Communication Technology, 30<sup>th</sup> and 31<sup>st</sup> May 2012, Nattalam, Marthandam, TN, India. Pages: 60-65
3. P.Nagaraju, Avinash K. R., Surendra S., Shivaprasad S., “ A Simple Automotive Application using FlexRay Protocol”, International Conference on Emerging Intelligent Sustainable Technologies, EISTCON-2012, 3<sup>rd</sup> and 4<sup>th</sup> May , 2012, Bangalore, India. Pages: 266-270, Vol-1.
4. P.Nagaraju, Avinash K. R., Surendra S., Shivaprasad S., “Communication between Multiple Nodes using FlexRay Protocol”, International Conference on Electronics & Communication Engineering -2012, April 6<sup>th</sup>-7<sup>th</sup> , 2012, Chennai, India. Pages:
5. P.Nagaraju, Thanuja.T.C, Vinay.J, Kavya.N.Bhushan, Naren S Vasand, "Hardware Implementation of Robust Modulo Watermarking Algorithm", International Conference on Information Systems and Technology, 16-17 May 2011, Thrissur, India
6. P.Nagaraju, Thanuja.T.C, Vinay.J, Kavya.N.Bhushan, Naren S Vasand, "A Robust Modulo Watermarking Algorithm for Colour Images", International Conference on Emerging Trends in Engineering , 4-5 May 2011, Nitte, India
7. Karthick C, Raghunandan M.Rao, Sridhan, P.Nagaraju, “ Time Series Analysis of the ECG Signal”, National Conference on Wireless, Control and Communication Technology., 27-28 April, 2011 at Bangalore.
8. Deepika Chander, Anusha Vasan, Nakul Sangoli , P.Nagaraju; “ Transmission of Data over Bluetooth Low Energy Link”; National Conference on Wireless, Control and Communication Technology., 27-28 April, 2011 at Bangalore.

9. P.Nagaraju, H.V.Kumaraswamy; "Performance Evaluation of LDPC coded OFDM system for WiMax Standard over AWGN and Vehicular A Channels", International Conference 3CI-2007; 21<sup>st</sup>-23<sup>rd</sup> November, 2007 at Bangalore.
10. P.Nagaraju, Manjunath; "Implementation of Mini-PACS in improved Health care Systems" International Conference - "SONATA INTERNATIONAL CONFERENCE 3C-2006", Bangalore, 23<sup>rd</sup> - 26<sup>th</sup> November 2006.
11. H.V.Kumaraswamy, P.Nagaraju, Mahendra M.; "Packet Storm Handling using ISR", National Conference on Computational Mathematics in Engineering Applications, held at RV College of Engineering, Bangalore on July 21-22, 2005.

#### **Books:**

1. Authored a book titled "**Signals & Systems**" Published by: Scitech Publication Chennai. ISBN No.8188429260. (Released Revised Edition 2004).

#### **Teaching Award**

1. Honored by ISTE, RVCE Chapter on 7-04-2004 for authoring a Book titled "**SIGNALS & SYSTEMS**" Published by Scitech Publication Chennai. (Coauthored by Prof. H V Kumarswamy, RVCE, Bangalore.)

#### **Conference / Short Term Training Programs Coordinated:**

1. Coordinator for the National Conference "Signal Processing and Communication", 17 and 18 May, 2012 conducted by Telecommunication Dept., RVCE, Bangalore.
2. Coordinator for the National Conference "Communication Technologies for Global Connectivity", 17 May, 2011 conducted by Telecommunication Dept., RVCE, Bangalore.
3. Coordinator for the National conference on "Next Generation Wireless Networks" in May 2008, at R.V. College of Engineering, Bangalore.
4. Coordinator for the National conference on "Advances in Telecommunication" in May 2007, at R.V. College of Engineering, Bangalore.
5. Coordinator for STTP on "**Trends in Broadband Communication**", sponsored by ISTE, New Delhi at RVCE, Bangalore from 30-08-2004 to 4-09-2004.