

Name	Dr Nandini K S		
Date of Birth	09/04/1985		
Address	Contact Address: Asst Professor, Department of ECE, RNSIT, Bangalore-98 E-mail: nandini.ks@rnsit.ac.in		
Subject / Discipline/ Major	Electronics and Communication Engineering		
Educational Qualifications	Exam Passed	Institution University	Year
	Degree: BE(Branch)	SIET/VTU	2007
	PG: M.Tech(Branch)	UVCE/BU	2010
	Higher: Ph.D	JAIN UNIVERSITY	2019
Experience	Nature of Experience	No. of Years	
	Teaching	13 years	
	Industry/Research	Nil	
	Total No. of years of Experience	13 Years	
Experience Details	Designation	Institution/ Organization	Duration
	Lecturer	SCE, Bangalore	Sep 2008 – July 2011
	Asst Prof	RNSIT, Bangalore	Aug 2011 – Till date
Professional bodies Membership details			
Other Professional Experiences			
Areas of Research Interest & Guidance	Communication Networks, Cognitive Radio, Signal processing		
National/ International Work Shops/ Seminars / Conferences Attended	<ul style="list-style-type: none"> • AICTE sponsored National level 2-week FDP on “Advanced Communication Systems” held at RNSIT during 16th - 28th of July 2013. • 2-day International Conference on “Circuits, Controls and Communication” conducted at RNSIT, Bangalore in Dec 2013. • Attended 3-day workshop on NS-3 and its Applications in NIE, Mysore during December 2015. • Attended a 3-day workshop on “Advanced Communication Techniques” during 16th – 28th July 2013 at RNSIT, Bangalore. • Attended 3 day workshop on NS-2 at REVA University in 2015. • Workshop on “Lab View” held during Feb 7-8, 2013 at RNSIT • Attended workshop on LTE at VTU regional center during November 2019. • Attended workshop on LTE at VTU regional center during November 2019. • Attended more than 10 online webinars and webinar series. • Attended 3 online FDP. • Completed NPTEL courses on Computer networks and Internet protocols, Introduction to professional Scientific communication, Patent drafting for beginners, stress management, • One week International Faculty Development Program in online mode on “Digital Learning with Multidisciplinary Approaches (DLMA)” held from 12 - 17 June, 2020, conducted at JSS Academy of Technical Education, Noida organized by the Department of Computer Applications. 		

- ATAL Online FDP on "Smart Cities" from 2021-1-18 to 2021-1-22 at Acharya Institute of Technology.
- ATAL Academy Online FDP on "Smart Cities" from 2021-1-5 to 2021-1-9 at Nitte Meenakshi Institute of Technology, Bangalore
- Attended "Recent Challenges in Teaching Pedagogy" held during 21.05.2021 to 27.05.2021 organized by Chouksey Engineering College, Bilaspur, Chhattisgarh.
- ATAL Online Elementary FDP on "Internet of Things" from 2021-6-1 to 2021-6-5 at Department of Computer Science & IT, University of Jammu.
- ATAL Academy FDP on "Cognitive Radio, Antennas and Millimeter wave Communication". from 07-06-2021 to 11-06-2021
- AICTE Training And Learning (ATAL) Academy FDP on "Recent Trends in the world of Photonics" 2021- 07-26 to 2021-07-30, organized by R N S Institute of Technology.

Papers Presented /Books Published

International Journals

- Nandini K S and Hariprasad S A, "Cost Effective High Reliability Routing in Multi-Channel Cognitive Radio Networks", International Journal of Applied Engineering Research ISSN 0973-4562 Vol 12, Number 12 , pp. 3318-3328, 2017. (SCOPUS INDEXED)
- Nandini K S, Hariprasad S A, "Optimal Spectrum Sensor Assignment in Multi-channel Multi-user Cognitive Radio Networks", Journal of Telecommunications and Information Technology, Issue 4, 2018. (SCOPUS INDEXED)
- Nandini K S, Hariprasad S A, "Shortest-Path Routing in Wireless Mesh Networks under Time Varying Link-Cost Metric", International Journal of Innovative Technology and Exploring Engineering, Vol 8, Issue 3, January 2019. (Free SCOPUS INDEXED)

International conferences

- "Nandini K S, Hariprasad S A, "A Survey of Spectrum Sensing Mechanisms in Wireless Cognitive Radio Networks" presented in IEEE INDICON, IIT Roorkee, 16-17th December 2017. (IEEE explorer)

National conferences

- Nandini K S, Harish N, Santhosh S K, Narasimha murthy, Chandan M, "Performance Evaluation of Non co-operative Spectrum Sensing Methods in Cognitive Radios", National Conference Recent advances in communication Networks-NCRCN'14", 21-22 March 2014, RNSIT.
- Ujwal L and Nandini K S, "Raspberry Pi and Arduino Based Autonomous Car", Journal of Electrical and Electronics Engineering (IJRDO), Volume 6, Issue 4, April 2020.
- Vibha R, Tejashree S, Vidhathri, Soundarya P, Nandini K S, "Timing and memory efficient LDPC encoding scheme for the DVB-S2 standard", NCETEST, 17th June 2020.
- Vivek kumar, Adithya K, Banad Maruthi, Vijay Kumar, Nandini K S, "IOT based bridge monitoring system", 2nd National level student technical paper presentation, IETE Mysore, 21st June 2020.

- Bhavana R, Bindushree M, Chaitra Shubash Kubusad, Charishma MV and Dr. Nandini K S, “Advanced Access Control VMS”, National Conference on Emerging Trends in Engineering science and Technology, 5th July 2021. Deepak B K, Deepak M , Dhanush S and Dr Nandini K S,“OFDM based Communication System channel Estimation”, National Conference on Emerging Trends in Engineering science and Technology, 5th July 2021.

Additional Information
(if any)

- Session Chair for National and International Conference
Completed 5 NPTEL course