

Name	Dr. DINESH K. ANVEKAR		
Date of Birth	20 May 1957		
Address	Contact Address: Professor, Department of ECE, RNSIT, Bangalore-98 E-mail: dinesh.anvekar@gmail.com		
Subject / Discipline/ Major	Electronics and Communication Engineering		
Educational Qualifications	Exam Passed	Institution University	Year
	Degree: BE (Electronics)	UVCE, Bangalore University	1979
	PG: M.E. (Automation)	Indian Institute of Science	1981
	Higher: Ph.D. (Microelectronics)	Indian Institute of Science	1990
Experience	Nature of Experience	No. of Years	
	Teaching	25 years	
	Industry/Research	15 years	
	Total No. of years of Experience	40 years	
Experience Details	Designation	Institution/ Organization	Duration
	Professor	CMRIT	1.5 yrs
		NMIT	1 yr
		ACE	2 yrs
		VVIT	2 yrs
		SCE	1 yr
		RNSIT	1 yrs ...
Associate professor	nil	nil	
Assistant professor	Indian Institute of Science	11 yrs	
Professional bodies Membership details	SM, IEEE; Fellow, IETE, Six Sigma Black Belt, American Society of Quality		
Other Professional Experiences	CTO, Lab2Market Startup of IISc for 1 yr.		
Areas of Research Interest & Guidance	Wireless Sensor Networks, Microelectronics		
National/ International Work Shops/ Seminars / Conferences Attended	IEEE International Conference on SMARTTECH 17th -19th August 2017, Reva University, Bangalore		
	TRIC-2014, National conference, Dept. of CSE, MVJCE, Bangalore, 20th October 2014,		
	IEEE Second International Conference on Advances in Electronics, Computer and Communications (ICAECC-2018)		

- **Book**
- D.K.Anvekar and B.S.Sonde 'Electronic Data Converters- Fundamentals and Applications', Tata McGraw-Hill,India,1994
- **Recent Papers**
- Dinesh K. Anvekar, Manjula Vasant Kiresur, Usha B. Siddaiah, Archana R Kulkarni, Narendra Kumar,"An Emergency Portable Ventilator for COVID Patients with Acute Breathing Difficulty", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-10 Issue-1, November 2020
- Dinesh K. Anvekar, Shanthi M. B., Ohileshwari M.S., Sanchari Saha, Smitha N., Sundaraguru R, Phanindar Ravi, and Fairouz R. Ali,"Touch-FreeFingerSensingusing LaserLight forKeysandKeyboards",Psychology and Education (2021) 58(1): 3404-3409
- Shanthi M.B. and Dinesh K Anvekar, "Mobility Based Secure Localization in Underwater Wireless Sensor Networks" IJ Engineering and Technology, 7 (2.33) (2018) 1025-1030, July 2018
- Shanthi M.B. and Dinesh K Anvekar, "Swarm Intelligence Optimization Algorithms for Localization in Underwater Wireless Sensor Networks" IJ of Multidisciplinary Research Review, ISSN: 2455-3085 Vol.02, Issue-12, December-2017
- Shanthi M. B. and Dinesh K. Anvekar, "A Survey on Research Challenges at the Network Layer of Underwater Wireless Sensor Networks(uw-wsn)", International Journal of Scientific Engineering and Applied Science,Volume-2,Issue-7,July 2016, ISSN:2395-3470
- Sanchari Saha and Dinesh K Anvekar,"A Hybrid Security Paradigm for Intra-WBAN & Inter-WBAN Communication Mechanism", IJARCSSE, impact factor -2.5, Volume-5, Issue-11, ISSN: 2277-1281, ISBN: 2277-6451, November 2015.
- Sanchari Saha and Dinesh K Anvekar,""Protocol Design Issues in Implementing Security for Wireless Body Area Network", IJETR, Impact factor: 1.3, ISSN: 2321-0869, Volume-2, Issue-12, December 2014.
- Sanchari Saha and Dinesh K Anvekar,""State of the Art in WBAN Security & Open Research Issues", IJRITCC, ISSN: 2321-8169, Volume 2 Issue 7, July 2014.

Additional Information
(if any)

- Mentored and guided 300 Six Sigma Green Belt Projects in Honeywell
Expertise in innovation techniques including the Russian TRIZ
Worked as Lead, Innovation Initiatives at Honeywell Technology Solutions Lab
Worked as Research Staff Member for 1.5 years in IBM Solutions Research Center, India
Received First Plateau Award from IBM and filed 6 US Patents
15 US patents issued for work done in IBM Solutions Research Center during 1998-99, AT&T Bell Labs during 1993-94, and Lotus Interworks during 2000-04, and for Nokia Research Center, Finland (see Appendix 1)
□26 Indian Patents granted
Was a Indo-US visiting fellow at IBM TJ Watson Research Center in 1994
Completed two Nokia sponsored projects in Indian Institute of Science during 1997-1998
Received Best PhD Thesis Award of Indian Institute of Science
Received Invention Report Awards from Nokia Research Center, Finland
Lucent Technologies (Bell Labs) Award for paper contribution to Bell Labs Technical Journal
Received KAAS Young Scientist Award in Karnataka State, India