

RESUME

Smt K Nagaratna
Asst Professor
Department of Electronics and Communication
Engineering
Basaveshwar Engineering College
Bagalkot - 587 102, Karnataka, India.
Phone: + 91 - 8354 - 200 684 (D)
Mobile: 09900334456

PERSONAL PROFILE

Name : Smt K Nagaratna

Date of Birth : 20th November 1969

Nationality : Indian

Permanent Address : No.40 , B/d R K Ashram , C B Nagar , DHARWAD- 580007, Karnataka , India.

Postal address : Dept. Of Electronics and Communications Engineering ,
Basaveshwar Engineering College, Bagalkot-587102, Karnataka.

Marital Status : Married

EDUCATIONAL QUALIFICATIONS

Qualification	Institute/University	Division	Year
Registered Ph.D. (Electronics and Communication Engg.)	Basaveshwar Engineering college, Bagalkot. Visvesvaraya Technological University, Belgaum. Guide : Dr Jayashree D Mallapur		2011 December Registered
M.Tech (Power Electronics)	Poojya Doddappa College of Engineering Gulbarga. Gulbarga University, Gulbarga. VTU Belgaum.	First class	2004
B. E (E& C Engg)	Vijayanagara Engineering College , Bellary Gulbarga University.	Second class	1995

AREAS OF RESEARCH

Wireless Communications, Wireless Sensor Networks and Mobile Communications.

Title of Ph. D. Undergoing : Energy Efficient Time Synchronisation of WSN

Title of M. Tech Dissertation : Automation of Rolling Mill Using Allen Bradley Software
at Kallyani Steels and Ferrous.

SERVICES

S. N.	Institute	Period of service in each post	Designation	Nature of work and level of responsibilities
1	Basaveshwar Engineering College, Bagalkot.	January 2012 - Till date	Assistant Professor	Teaching and Research
2	Sri Dharmastala Manjunateswara College of Engineering and Technology (SDMCET) Dharwad.	March 2008 to January 2012	Assistant Professor	Teaching , Student Mentorship Instrumental in starting “Microcontroller lab” , and added Manual with introduction to Kiel software. Instrumental in starting “Programming the web lab” , and added Manual with Introduction to XHTML , CSS, JavaScript, PHP, XML
3	Tontadarya College of Engineering, Gadag .	September 2007 To January 2008 -	Assistant Professor	Teaching and Coordinator/ students advisor.
4	VDRIT,Haliyal , Karnataka	August 2006 To August 2007	Senior Grade Lecturer	Teaching and Lab in charge
5	Bellary Engineering. College, Bellary. Karnataka	August 2005 To July 2006	Lecturer	Teaching and Lab in charge
6	City Engineering . College, Bangalore. Karnataka.	March 2005 To July 2005	Lecturer	Teaching and Lab in charge
7	Tontadarya College of Engineering , Gadag. Karnataka	Sept 2003 To March 2005	Lecturer	Teaching and Lab in charge
8	P.D.I.T.Engineering college, Hospet ,Karnataka	November 1997 To September 2001	Lecturer	Teaching , Lab incharge and Responsible for the complete development of Main Computer-Center of Electronics & comm. At PDIT Hospet
9	BITS(Beauro of information & Technology)	November 1995 To November 1997	Trainee programmer	

Years of Experience : In Teaching 13 Years
Administration 2 Years
Research 1 Years

SUBJECTS TAUGHT FOR UG

Microcontroller 8051, Multimedia & computing, Embedded Systems , Microprocessor ,VHDL , Solid state devices, OOPS , DSP, Data Base , Management System ,Java(Core) , C' language , Optical fiber comm. ,Analog & Digital electronics,Material Science and Electronic Devices.

MEMBERSHIP OF PROFESSIONAL BODIES

- Life Member Institution of Engineers, India
- Life Member of Electronics and Telecommunication Engineering.

ADMINISTRATIVE EXPERIENCES

- Involved in P&T project for Telephone exchange(switches) at Bellary
- Involved in BUDA projects at Bellary.
- Involved in Rolling mill automation with PLC (AllenBradly) at Kalyani Steel & Ferrous, Ginigera
- Involved in Software Training program for Engineers in WinTech software developers at Bangalore.
- Coordinator and Student advisor for Electronics & Communication Students Association, SDMCET Dharwad.
- Member, Anti Ragging Committee, SDMCET Dharwad

**SHORT TERM TRAINING PROGRAMMES /FACULTY DEVELOPMENT
PROGRAMMES/SEMINARS/SYMPOSIUMS/WORKSHOPS ATTENDED**

S.N	Course title	Institute	No. of weeks	Duration
1	Training on rapid simulation and performance evaluation of current and future networks construct's	Nihon Communication solutions, Bangalore	Two days	19-20 Feb 2012
2	Advances in DBMS and Future Allied Research Avenues	KLE Institute of Technology, Hubli	Three Days	24-26 Feb 2011
3.	Training Of Trainers on Entrepreneurial Motivation	SDMCET , Dharwad	One Day	8 th Oct 2010
4	Multicore Programming	Intel Centre , Bangalore	Three Days	27-29 Jan 2010
2	Web Programming	BIET, Davanagere	Three days	25-27 June 2009
3	Research Opportunities in the area of Digital Image Processing.	SDMCET , Dharwad.	Three Days	13-15 March 2009
2	work shop on embedded systems using Microcontroller.	BVB Hubli	Five Days	18-22 Dec 2008
3	Introduction to Quantum Computers and Algorithms.	SDMCET , Dharwad	One day	17 th May 2008
4	Networking Technology (WONET)	BVBCET, Hubli	Three Days	29-31 Oct 2004

INTERNATIONAL CONFERENCE PUBLICATIONS

1. **J. D. Mallapur**, M. I. Sataraddi, S. C. Hiremath and K. Nagarathna, "Priority Based Scheduler for Bluetooth Network", *Proceedings of International Conference on Advances in Communication, Computing and Control, (ICACC3)*, 18th - 19th January 2013, Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai, CCIS 361, pp. 356-365.
2. **J D. Mallapur**, Kiran Y. B, K. Nagarathna S. Hiremath "Trust Based Secured Routing in Wireless Multimedia Sensor Networks" Fourth International Conference on Computational Intelligence, Communication Systems and Networks, 24 - 26 July Pucket , pp 53-58, 2012.

REFERENCES

1. Dr. Jayashree D. Mallapur

Professor

Department of Electronics and Communication Engineering

Basaveshwar Engineering College

Bagalkot - 587 102, Karnataka, India.

Phone: + 91 - 8354 - 200 684 (D), 233 995 (R)

Mobile: 094481 03180