


## Faculty Profile

<b>Name of Faculty</b>	N. SHESHAPRASAD	
<b>Department</b>	Electronics & Communication Engineering	
<b>Qualification</b>	B.E, M.Tech, (Ph.D).	
<b>Designation</b>	Associate Professor	
<b>Area of specialization</b>	Antennas, Communication and Music Technology	
<b>Date of Joining BNMIT</b>	01.08.2002	
<b>Nature of Association (Regular/Contractual/Adjunct)</b>	Regular	
<b>Mobile Number</b>	9845096630	
<b>e-mail</b>	<a href="mailto:nsheshaprasad@bnmit.in">nsheshaprasad@bnmit.in</a> <a href="mailto:nspbnmit@gmail.com">nspbnmit@gmail.com</a>	
<b>No. of years of Experience</b>	Teaching: 16 years Industry: 1 years	

### Academic Qualifications

- **Pursuing Ph.D** at Department of Electronics and Communication Engg, BMSCE, VTU,
- **M.Tech.** (2002), Department of Electronics and Communication Engg, BMSCE, VTU, **2<sup>nd</sup> Rank.**
- **B.E.** (1998), Department of Electronics and Communication Engg, BMSCE, VTU

### Working Experience Details

1. Working as Associate professor at B.N.M Institute of Technology, in the department of Electronics and Communications from 5-3-2012 till date.
2. Worked as Assistant Professor at B.N.M Institute of Technology, in the department of Electronics and Communications, from 1-1-2007 to 4-3-2012.
3. Worked as Lecturer at B.N.M Institute of Technology, in the department of Electronics and Communications, from 1-8-2002 to 31-12-2006.
4. Worked as Lecturer at BMS College of Engineering in the department of Electronics and Communications from 06-10-1999 to 31-01.2001.
5. Worked as Lecturer at BMS College of Engineering in the department of Telecommunications from 27-03-2001 to 01-08.2002.
6. Worked as R & D Engineer at PRIYARAJ ELECTRONICS, Bangalore, from 01-09-1998 to 30-09- 1999

### Subjects taught

Basic Electronics, Analog Electronic Circuits, Digital Electronics, Microprocessors, Antenna and Wave Propagation, Microwaves and Radar.

## Research Experience Details:

### Ph.D:

Pursuing PhD at Department of Electronics and Communication, BMSCE, VTU (Nov 2013) in the field of “Microstrip antenna design for human body communication”. Course work completed and Comprehensive viva completed. Experimentation in progress.

## Government Funded Projects

**Title:** Virtual Eye

**Students:** Pruthvi. S, Shama.M.S, Hitesh. V. Harithas, Sandesh. S. Chiploonkar of 8<sup>th</sup> Sem ECE, 2018.

**Funding Agency:** NSTEDB, DST, Govt of India, New Delhi

**Amount:** 2 Lakhs

**Duration:** 01 years (August 2017 – August 2018)

## Academic Positions and other Responsibilities (University Level):

1. Team Manager for Inter University South Zone Youth Cultural Festival in 2005

## Academic Positions and other Responsibilities (Institute Level):

1. **Coordinator**, Kalabhageerathi, BNMIT Cultural Club
2. **Coordinator**, BNM Friends of Nature Club

## Awards/ Achievements/Memberships:

1. 2<sup>nd</sup> Rank in M.Tech, VTU, 2002
2. Awarded as “**The Best Outgoing Student of BMS College of Engineering**” in the year 1998.
3. **First Rank** in Junior and Senior Carnatic Classical Vocal exams conducted by Karnataka secondary Education Board.
4. **First Rank** in “GAMAKA KAAVYA VAACHANA PAAREENA” Conducted by KARNATAKA GAMAKA KALA PARISHAD.
5. **First Runner up** in E - TV YEDE THUMBI HADUVENU Competition Conducted by Sri. S. P. BALASUBRAHMANYAM in 2005 and in “**Voice of Bangalore season 4**” conducted by Garuda Mall in 2010.
6. Team Manager for Inter University South Zone Youth Cultural Festival in 2005.
7. **B High Grade artist in AIR and Dooradarshan.**
8. Conducted Cultural Programs at National and International level Workshops.
9. Rendered voice for various CDs and Cassettes and also for various kannada TV serials.
10. Participated in “**Madhura maduravee manjulagaana**” a popular programme conducted by **Dooradarshan Chandana Channel.**
11. Done trekking at KODACHADRI, YANA, JOG FALLS, KUDREMUKH, MUTHODI, AVALANCHE and THIRUPATHI etc. **on bare foot, Left Leg being affected by POLIO.**

### Professional Memberships:

- Life Member, Indian Society for Technical Education (ISTE).

### Workshops /Seminars Organized:

1. Actively participated in organizing International Conference on VLSI, Communication, Advanced devices, signals & systems and Networking – “VCASAN” from 17<sup>th</sup> to 19<sup>th</sup> July 2013.
2. Actively participated in organizing International Conference on Power and advanced control Engineering– “ICPACE” from 12<sup>th</sup> to 14<sup>th</sup> August 2015.
3. Actively participated in organizing An International conference on Fluid Dynamics and its application at BNMIT from 12<sup>th</sup> to 14<sup>th</sup> July 2017.

### Research Publications:

#### In National & International Journals / Conferences

#### International Journals:

1. N.Sheshaprasad & Dr.Rameshwar Rao, “**Design and development of a system for generating Carnatic Music from Brain Signals**”, 52<sup>nd</sup> congress of Indian Society of Theoretical & Applied Mechanics (ISTAM) – An International Meet, in association with IIT Kharagpur from 14<sup>th</sup> to 17<sup>th</sup> December 2007.
2. N.Sheshaprasad & Dr.Rameshwar Rao, “**Music of the Brain - A Mathematical Model**”, 55<sup>th</sup> congress of Indian Society of Theoretical & Applied Mechanics (ISTAM) – An International Meet, from 20<sup>th</sup> to 25<sup>th</sup> Jan 2010.
3. Kiran koli & N.Sheshaprasad, “**Implementation of Interleaver address generator for multimode communication in WLAN**” International Journal of Engineering Research and Technology, IJERTV4IS051286, 2-6-2015.
4. N.Sheshaprasad & Meghana Mohan, “**Design and Implementation of IoT Based Integrated Model for Warehouse Inventory Management and Environment Monitoring**”, in IJMTER, Volume3, Issue 6, June 2016 International Journal of Modern Trends in Engineering Research (IJMTER) ISSN(Online): 2349-9745, page 2393-8161. Impact Factor 3.518.
5. N.Sheshaprasad & Meghashree D, “**LTE Handover Parameter Optimization for self configuring and self healing networks**”, in IRJET, Volume4, Issue 5, May 2017 International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, p-ISSN:2395-0072. Impact Factor 5.181.
6. N.Sheshaprasad, “**Design and performance analysis of UWB linearly polarized coaxial fed circular patch antenna for biomedical applications**”, in IJERR, Volume 6, Issue 2, April-June 2018 International journal of Research and Reviews, ISSN: 2348-697x(online), pp 36-39.
7. N.Sheshaprasad, Dr. Bhanu Prashanth “**Studies on feed dependent characteristics of Patch antenna for wireless body area networks**”, in ICNEWS 2018, International Conference on Networking, Embedded and wireless Systems, 27-28 December 2018 at BMSCE. **BEST PAPER AWARD.**
8. N.Sheshaprasad, Dr. Bhanu Prashanth “**A Study of UWB Microstrip Antenna parameters for wireless applications**”, in IConDSC 2019, International Conference on Data Science and Communication, 1-2 March 2019 at Christ University.
9. N Shesha Prasad, Adithya B R, and Adithya N Simha, “**Design and Implementation of Ultra-Wide Band Microstrip Antenna**,” International Research Journal of Advanced Engineering and Science, Volume 4, Issue 2, pp. 470-473, 2019. IMPACT FACTOR 5.23.

## Participation in Training courses/Seminars/Workshops

1. National Workshop on "Recent Advances in Renewable Energy Technologies" in association with ASTRA, IISc Bangalore, in 2003
2. National Workshop on "Advanced Communication Technologies" in association with ISRO, in 2004
3. National Workshop on "Technology Trends in Mobile Computing & Communications" in association with Indian Institute of Information Technology, Bangalore (IIITB), in 2005
4. National workshop on "Advanced Signal Processing Technologies" in association with IEEE Signal Processing Society, Bangalore Chapter, in 2006
5. National workshop on "Wireless Communication" in association with International Institute of Information Technology, Bangalore (IIITB), in 2007
6. 52<sup>nd</sup> congress of Indian Society of Theoretical & Applied Mechanics (ISTAM) – An International Meet in association with IIT Kharagpur in Dec 2007.
7. International Conference on VLSI, Communication, Advanced devices, signal & systems and Networking – "VCASAN" in July 2013
8. An International conference on Power and advanced control engineering "ICPACE 2015" during August 12<sup>th</sup> – 14<sup>th</sup> 2015.
9. An International conference on Fluid Dynamics and its application at BNMIT from 12<sup>th</sup> to 14<sup>th</sup> July 2017.
10. Workshop on Research Methodology & Latex, organized by VTU e – learning Centre, Bangalore from 18<sup>th</sup> to 20<sup>th</sup> March 2015.
11. 6 day workshop on Trends in RF microwave and sensor network Technologies at MSRIT from 1<sup>st</sup> to 6<sup>th</sup> June 2015
12. FDP program on VLSI Design Using Cadence Tools at KSIT from 29<sup>th</sup> June to 3<sup>rd</sup> July 2015.
13. One week FDP on ARM cortex at BNMIT from 8<sup>th</sup> to 14<sup>th</sup> Jan 2016.
14. An Intensive workshop on COMSOL from 19<sup>th</sup> to 21<sup>st</sup> Jan 2016.
15. One week workshop on Computer and Wireless Networks at BNMIT from 11<sup>th</sup> to 16<sup>th</sup> July 2016.
16. FDP on Innovative Methods of Teaching at BNMIT from 18<sup>th</sup> to 23<sup>rd</sup> July 2016.
17. One week FDP on Physical Design Challenges in DSM Node VLSI Systems at BNMIT from 16<sup>th</sup> to 21<sup>st</sup> Jan 2017.
18. 3 day National level workshop on Micro strip antennas and measurements held at ECE dept, Christ University, Bangalore from 5<sup>th</sup> to 7<sup>th</sup> July 2018.
19. One day workshop on Internet of Things organized by BNMIT as part of AICTE Initiative – Share and Mentor Margadarshan Scheme on 22<sup>nd</sup> September 2018.
20. 5 Day Skill Enhancement program for mentors, teachers and counselors on "Helping our students get through college" from 21<sup>st</sup> to 25<sup>th</sup> January 2019 conducted at Global Academy of Technology in association with VTU and NIMHANS.
21. NPTEL course on Antennas conducted by Dr. Girish Kumar, IITB. 93% with Gold+Elite Award. May 2019.
22. 5 Day work shop on "Computational Methods for Partial Differential Equations Using MATLAB" organised by Maths Dept, BNMIT in association with BITES, 10<sup>th</sup> to 14<sup>th</sup> June 2019.
23. 5 Day FDP on "IoT based Project Design and Development" organised by ECE Dept, BNMIT, 24<sup>th</sup> to 29<sup>th</sup> June 2019.
24. 5 Day FDP on "Working Model Industry 4.0" from 8<sup>th</sup> July to 12<sup>th</sup> July 2019 held at Nettur Technical Training Foundation (NTTF), Bangalore.

**Extra Curricular Activities:**

1. Singing Music.
2. Trekking.
3. Adventure and Water Sports.
4. Counseling.
5. Organizing Music, Dance and Theatre Stage Shows.
6. Organizing National Level Workshops.

**Personal Details:**

- **Date of Birth:** 25 - 02 -1976; **Sex:** Male.
- **Family Details:** Wife, One son and One daughter
- **Passport Number:** L6151398 (valid till 22<sup>nd</sup> November 2023)

13<sup>th</sup> July 2019

**N.SHESHAPRASAD**