


Faculty Profile

Name of Faculty	Priya R Sankpal	
Department	Electronics & Communication Engineering	
Qualification	B. E.,M. Tech (Ph.D.)	
Designation	Assistant Professor	
Area of specialization	VLSI Design & Embedded Systems, Communication & Image Processing	
Date of Joining BNMIT	04/08/2008	
Nature of Association (Regular/Contractual/Adjunct)	Regular	
e-mail	priyarsankpal@bnmit.in priyarsankpal@gmail.com	
No. of years of Experience	Teaching: 14 years and 5 months	

Academic Qualifications

- Pursuing **Ph. D** in VTU, Belgaum (Image Processing & Communication)
- **M. Tech.** (2005), VLSI Design & Embedded Systems, Dept. of PG Studies, VTU (BMSCE), Bangalore (I Class).
- **B.E.** (2001), Electronics & Communication, Vivekananda Institute of Technology, Bangalore (I Class).

Working Experience Details

- Assistant Professor, Dept. of ECE, BNMIT, Bangalore, India(2015 – Till date).
- Assistant Professor, Dept. of TCE, BNMIT, Bangalore, India(2012 – 2015).
- Sr. Lecturer, Dept. of TCE, BNMIT, Bangalore, India (2008 – 2012).
- Sr. Lecturer, Dept. of ECE, Terna Institute of Technology, Navi Mumbai, India (2007 – 2008).
- Lecturer, Dept. of ECE, K. J. Somaiya Institute of Technology, Mumbai, India (2005 – 2006)
- Lecturer, Dept. of ECE, Vemana Institute of Technology, Bangalore, India (2002 – 2005)

Subject taught

Basic Electronics, Analog Electronic Circuits , Logic Design, Computer organization, Information Theory & Coding, Solid State Devices & Technology, Analog Communication, Digital Communication, Wireless Communication, Multimedia Communication, Image processing, Cryptography and Network Security, Error Control Coding, Management and Entrepreneurship.

Research Experience Details:

Provisionally registered to Ph.D. with research topic “**Encryption of Nested Watermarked Image for Secure Transmission**” under the supervision of **Dr. P.A. Vijaya**, Professor, Dept. of ECE, at the research centre of Dept. of Electronics and Communication Engineering, BNMIT, Bangalore.

Year of registration: Nov 2013.

Completed Course: Cryptography and Network Security
Multimedia Communications
Error Control Coding
Advances in Digital Image Processing.

Current Status: Submitted comprehensive viva report.

Academic Positions and other Responsibilities (University Level):

- As external **Deputy Chief Superintend** at Dr. Ambedkar Institute of Technology, Bengaluru, from 29/11/2012 to 13/12/2012.

Academic Positions and other Responsibilities (College Level):

- Worked as Mentor for T5 (personality development program for students)

Academic Positions and other Responsibilities (Department Level):

- Department ISO coordinator
- Organizing committee member for FDP on “Computer and Wireless Networks” at BNMIT from 11th to 16th July 2016.

Professional Memberships:

- Life Member, Institute of Electronics and Telecommunication Engineers (IETE)

Workshops /Seminars Organized:

- Worked as organizing member for the following workshop/conferences conducted by Dept. of ECE –
 1. “Analog & Mixed mode VLSI Design using cadence tool” at BNMIT, from 2nd to 4th Feb 2009.
 2. International Conference on “VLSI, Communication, Advance Devices, Signals & Systems & Networking” at BNMIT, Bangalore from 17th to 19th July 2012
 3. FDP on “ Computer and Wireless Networks” at BNMIT from 11th to 16th July 2016.

Research Publications:

I. In National & International Journals

International Journals:

- *Priya R Sankpal*, Shruthi G.B. and Naveen H, "Web server network for ECG Recording and Body Temperature Monitoring System based on ARM Microcontroller", International Conference on Electrical Electronics and Communications-ICEEC, ISBN-978-93-81693-66-03, pp 87 - 93, 21st June 2014
- *Priya R Sankpal* and P.A. Vijaya, " A Comparative study of object oriented steganographic Techniques", International Journal on Recent and Innovation Trends in Computing and Communication, ISSN: 2321- 8169 , Vol 12, Issue 10, pp 3301 – 3306, Oct 2014.
- *Priya R Sankpal* and P.A. Vijaya, " Robust Image Encryption Technique using Fusion of Chaotic maps", International Journal of Research in Science, Engineering and Technology, ISSN: 2319- 8753 , Vol 5, Issue 5, pp 10504 - 10512, June 2016.
- Bindu S., *Priya R Sankpal* and Lakshmi Bhaskar, " A Survey on Smart Materials for Mitigate Spacecraft charging", International Journal of Research in Science, Engineering and Technology, ISSN: 2319- 8753 , Vol 6, Issue 7, pp 10504 - 10512, July 2017.
- Sachin R. Prasad, Sunil Raj H., Akshath K., Pradeep K. and *Priya R Sankpal* , " Comparative Study of Techniques for Image Compression", International Journal of Research Publications in Engineering and Technology, ISSN: 2454-7875, Vol 3, Issue 7, July 2017.

II. In National/International Conference Proceedings

Papers presented in International/National Conferences

International

- *Priya R Sankpal* and P.A. Vijaya, " Image Encryption using chaotic maps: A survey", Fifth International Conference on Signals and Image Processing, IEEE - DOI 10.1109/ICSIP.2014.80, pp 102 – 107, 2014

Participation in Training courses/Seminars/Workshops

1. Five day FDP on "Working model on Industry 4.0" conducted by NTTF, Electronic city, Bengaluru from 8th to 12th July 2019.
2. Six day FDP on "IoT based Project Design and Development" conducted by Department of ECE at BNMIT from 24th to 29th 2019.
3. Two day FDP on "Artificial Intelligence & Machine Learning" conducted by M/s Cognizant at BNMIT from 20th to 21st June 2019.
4. Successfully Completed 12 weeks NPTEL online course on "Cryptography and Network Security" during the period Jan – April 2019.
5. Two day workshop on "Assessments for the Introductory Programming course" conducted by BITES, at BNMIT from 18th to 19th Dec 2018.
6. Six day FDP on "MSP430 Micro Controller and Its Applications" at BNMIT from 31st to 5th Aug 2017
7. Six day FDP on "Physical Design Challenges in DSM Node VLSI Systems" at BNMIT from

16th to 21st Jan 2017.

8. Six day FDP on “Innovative Teaching Methods” at BNMIT from 18th to 23rd July 2016.
9. Six day FDP on “Computer and Wireless Networks” at BNMIT from 11th to 16th July 2016.
10. Six day FDP on ARM CORTEX M3 (Practically intensive) at BNMIT from 8th to 14th January 2016.
11. Three day workshop on “Preparation for Accreditation” by NBA at BNMIT from 3rd to 5th December 2015.
12. Fifth International Conference on Signal and Image Processing (ICSIP) at BNMIT, from 8th to 10th January 2014.
13. Three day workshop on “Preparation for Accreditation” by NBA at BNMIT from 3rd to 5th December 2015.
14. Foundation course on “Image Processing – Concepts to real time processing” at MSRIT from 9th to 11th October 2015.
15. Two Day workshop on “Object Based Curriculum” at BMSCE, Bangalore, from 2nd to 3rd Aug 2015.
16. Two day workshop on Research Methodologies and Latex at VTU regional Office, Nagarbhavi, Bangalore, from 18th to 20th Mar 2015.
17. Three day FDP on “Cognitive Machine intelligence and data mining” at BNMIT, Bangalore, from 30th Jan to 1st Feb. 2012.
18. Two day Workshop on “Labview and NI Hardware” at KSIT, Bangalore, on 2nd & 3rd Sept. 2011.
19. Three day Workshop on “Analog & Mixed mode VLSI Design using cadence tool” at BNMIT, from 2nd to 4th Feb 2009.
20. Two day Workshop on “Advanced Communication Laboratory” at PESIT, on 9th & 10th Jan 2009.
21. One day Workshop on “ARM processor” @ ISM, Bangalore, in March 2005.
22. One day Workshop on “Embedded Systems” at Orane Technologies, on 12th Sept. 2004.

Personal Details:

- **Date of Birth:** 30/03/1979
- **Gender:** Female
- **Family Details:** Married and two children

11th August 2018

PRIYA R SANKPAL