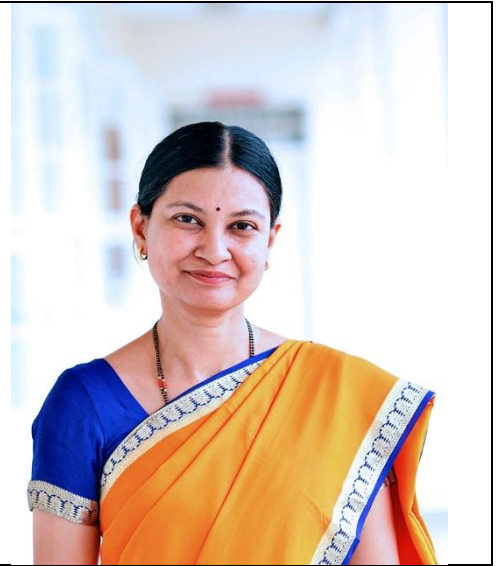


Faculty Profile

Name of Faculty	Keerti Kulkarni
Department	Electronics and Communication Engineering
Qualification	B.E (Mumbai University), M.Tech (Ph.D) (VTU)
Designation	Assistant Professor
Area of specialization	Digital Communication and Networking
Date of Joining BNMIT	23/07/12
Nature of Association (Regular/Contractual/Adjunct)	Regular
e-mail	keertikulkarni@bnmit.in
No. of years of Experience	14 years



Academic Qualifications:

Pursuing Ph. D under the guidance of Dr. P. A. Vijaya, Prof and HoD (Department of ECE, BNMIT) (VTU), Completed Course Work in June 2018.

M.Tech (2012), Dayanand Sagar College of Engineering, VTU

B.E (2000), S SJondhale College of Engineering, Mumbai University

Working Experience Details:

Asst. Professor, Dept of ECE, BNMIT (July 2012- Till Date)

Lecturer, Dept of ECE, Shirdi Sai College of Engineering (March 2007 – Jan 2010)

Lecturer, Dept of Electronics and Telecommunication, S SJondhale College of Engineering, Mumbai University (Sept 2000 – Dec 2006)

Subjects taught:

Digital Image Processing, Digital Communication, Signals and Systems, Digital Signal Processing, Multimedia Communication, Antennas and Propagation, Operating Systems, Information Theory and Coding, Transmission Lines and Waveguides, DSPA, Data Compression and Encryption, Optical Fiber Communication, Computer Communication Networks, Microprocessors, Advanced Communication Lab, DSP Lab, AC-LIC Lab, AEC Lab, LD Lab, Microprocessor Lab, CCN Lab

Academic Positions and other Responsibilities (University Level):

External DCS to City Engineering College 14-12-15 to 04-01-2016

Workshops /Seminars Attended:

- One week FDP on “ Working Model on Industry 4.0” at NTTF, Bangalore, 8th-12th January 2019
- One week FDP on “IoT Based Project Design and Development” at BNMIT, 24th-29th June 2019
- Two days Workshop on “Assessment for the Introductory Programming Course”, BNMIT, Bangalore, 18th-19th December 2018
- Successfully completed 8 week online NPTEL course on ‘Introduction to Machine Learning’ with the tag ‘Elite’
- Successfully completed 4 week online NPTEL course on ‘Digital Image processing for Remotely Sensed Images’ with the tag ‘Elite’.
- Two days workshop on ‘Bhuvan overview training’, at NRSC, Hyderabad, 13th -14th June 2018.
- One week FDP on “MSP430 Microcontroller and Its Applications” at BNMIT, Bangalore, 31st July – 5th August 2017.
- One week FDP on “Physical Design Challenges in DSM Node VLSI Systems” at BNMIT, Bangalore, 16th -21st January 2017.
- Two Day Symposium on “Tech Treat in Emerging Trends” at BNMIT, Bangalore on 4th-5th August 2016.
- One week FDP on “Computer and Wireless Networks” at BNMIT, Bangalore, 11th-16th July 2016.
- One –week FDP on “ARM Cortex M3 (Practically Intensive)” at BNMIT, Bangalore, 8th -14th January 2016.
- 3- days workshop on “Preparation for Accreditation by NBA” at BNMIT, Bangalore, from 3rd-5th December 2015.
- One-Day FDP on “Antenna Design and Analysis using ESI’s CEM Solutions Tool”, at T. John Institute of Technology on 15th September 2015
- One-week FDP on “Electronic Communication and Trends” at BNMIT, Bangalore, 19th -23rd January 2015.
- One week workshop on “Signals and Systems” at BMSCE, Bangalore, 27th -31st Jan 2015
- Two week QIP short term course on “Satellite Image Processing” at IITB, from 24th Nov – 05th Dec 2014
- 3-Day FDP on “Innovative Teaching and Effective Communication” at BNMIT, from 18th -20th July 2012

- One Day Workshop on “Future trends in Image Processing and DSP Architecture”, at Sri Krishna Institute of Technology, on 26th September 2009
- 3-Day Workshop on “DSP Architecture and Algorithms” at RNSIT, from 3rd-5th August 2009
- 2-Day Short Term Course on “Data Compression and Encryption” at Fr. C. Rodrigues Institute of Technology, Vashi, on 24th -25th September 2004

Publications:

I. In National & International Journals

International Journals:

- **Keerti Kulkarni**, Dr. P. A. Vijaya, “Experiment of Multispectral Images using Spectral Angle Mapper Algorithm for Land Cover Classification”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8, Issue-6S4, pp 96-99, April 2019, Impact Factor : 5.54
- Reena Kulkarni, Priyadarshini K Desai, **Keerti Kulkarni**, “A View at Nanophotonics”, International Journal of Science and Research (IJSR), Volume 7 Issue 4, April 2018.
- **Keerti Kulkarni**, Reena Kulkarni, Priyadarshini K Desai, “A Spiht Resistant Zero Watermarking Scheme in Wavelet Domain”, International Journal of Science and Research (IJSR), Volume 7 Issue 4, April 2018.
- **Keerti Kulkarni**, Apoorva R, ‘Review on Mapping Land Cover Change and the Various Techniques Used’, International Journal of Science and Research (IJSR), Volume 6 Issue 3, March 2017, pages 1330-1339 Impact Factor (2015) – 6.391
- **Keerti A**, H C Sateesh Kumar, ‘Segmentation of Images with Intensity Inhomogenities using Level Sets and Snakes’, Proceedings of ICCTEM-2012, 12-14 July, Page 249-254
- **Keerti A**, H C Sateesh Kumar, ‘Level Set Method and Snake Algorithm for Image Segmentation’, NCETEC-2012, pages 93-97

II. Papers presented in International/National Conferences

- **Keerti Kulkarni**, Dr. P. A. Vijaya, ‘A Compariative Study of Land Classification Using Remotely Sensed Data’, ICCMC-2017, 17th -18th July 2017, pages 36-41

Invited Talks Delivered:

- Given a guest lecture on Signals and Systems in Sai Ram College of Engineering on 25/05/2017
- Given a guest lecture on DSP in Sai Ram College of Engineering on 04/11/2016

- Given a guest lecture on Signals and Systems in Sai Ram College of Engineering on 29/04/2016
- Given a guest lecture on DSP in Sai Ram College of Engineering on 19/10/2015
- Acted as a Session Judge in a National Level Technical Symposium 'LIVAZ – 14' in Shirdi Sai College of Engineering on 20/03/2014

Personal Details:

- **Date of Birth:** 02 - 09 –1978; **Gender:** Female; **Marital Status :** Married

11th August 2018

Keerti Kulkarni