

Name of Teaching Staff : Prof.(Mrs.) Vishakha V. Kelkar

Designation : Assistant Professor

Department : Electronics & Telecommunication Engineering



Date of Joining the Institution : 16.10.2006.

Qualifications with Class / Grade : 1. M.E. (Electronics Engg.) from University of Mumbai 1st Class with distinction, 73.88% September, 2003.
2. B.E. (Electronics Engg.) from University of Mumbai, 1st Class with honours, 62.3%, May, 1992.
3. Ph.D.(Pursuing), SNDT University.

Total Experience in Years : Teaching: 20 years

1. Assistant Professor in D.J. Sanghvi College of Engineering from 16.10.2006 till date.
2. Lecturer (Sr. Grade), Thadomal Shahani College of Engineering from January, 1999 to 15.10.2006.
3. Lecturer in P.V. Polytechnic S.N.D.T. University from July, 1993 to December, 1996.

Industry: --

Research: --

Papers Published : National: 3

1. Published and presented paper on "Adaptive Thresholding of Digital Images" in NCIP'04 at Thadomal Shahani Engg. College.
2. Published paper on "Low bitrate Digital Water marking" at MERG 07 (National Conference on Information Security) at Vadgaon (bk), Pune.
3. Published paper in Technofocus on "Image Encryption Using Chaos & Wavelets" in Jan.10.

International: --

- 1."Classification using different normalisation techniques in support vector machine." In ICCT 2013 at DJSCOE Mumbai.
- 2." Supervised and unsupervised Neural Network for classification of Satellite Images" In ICCT 2013 at DJSCOE Mumbai.
3. "Classification of Multispectral Satellite Images Using Ensemble Techniques of Bagging, Boosting and Ada-Boost" International conference on circuits, systems, communication and information technology application (CSCITA-14), SFIT Mumbai, April 4-5 2014
4. "Image encryption using chaos theory" 3rd International Conference on Global Technology Initiatives, Rizvi College Of Engineering, Mumbai, March 29-30, 2014

Papers Presented in Conferences : National: 1

Presented paper on 'Image Encryption using Chaos' in the National Conference on Information & Communication Technology NCICT-2009 organized by NMIMS University, MPSTME, DJSCOE & SBMP, during 6th – 7th March, 2009.

International: 1

Presented paper on "Encryptions of Multiple Images using Chaotic Maps" selected for publication in the proceedings of "International Conference on Signal and Image Processing 2009" organized by Vidya Vikas Institute of Engineering & Technology, Mysore, India from August, 12-15, 2009.

PhD Guide ? Give field & University : Field: --

University: --

PhDs / Projects Guided : PhDs: --

Projects at Masters level: --

1."Ensemble Classification of multispectral Satellite Images"

2."Classification of Multispectral Satellite Images using SVM"

Books Published / IPRs / Patents : --

Professional Memberships : --

Consultancy Activities : --

Awards : Best teacher of the department award.

Grants fetched : Research project grant by
Mumbai university of Rs.
25000/- for the year 2013-
14 for the project Humanoid
Robot done with the
students Yash Ajmera,
Mayank Ambaliya,
Aniruddha Shah.

Interaction with : --
Professional Institutions