

Experience

July 2018 - Till date
Professor and HOD(IT)
Fr. Conceicao Rodrigues College of Engineering, Mumbai

July 2016 – July 2018
Associate Professor and in-charge HOD(IT)
Fr. Conceicao Rodrigues College of Engineering, Mumbai

April 2014 – July 2016
Associate Professor (IT)
Fr. Conceicao Rodrigues College of Engineering, Mumbai

April 2011 – April 2014
Associate Professor (Computer) & Program coordinator for NBA
Fr. Conceicao Rodrigues College of Engineering, Mumbai

Oct 2005 – April 2011
Assistant Professor(Computer)
Fr. Conceicao Rodrigues College of Engineering, Mumbai

Jan 2004 – Oct 2005
Senior Lecturer (Computer) and HOD(Computer)
Vidyavardhini's College of Engg. And Technology

July 1997 – Jan 2004
Lecturer(Computer)
Vidyavardhini's College of Engg. And Technology

Education

2012-2018
PhD(Engineering)
NMIMS University

2002-2004
ME(Computer Engineering)
Secured First class
Thadomal Shahani Engg. College
Mumbai University

1993-1996
BE(Computer Engineering)
Secured First class with honour
Thadomal Shahani Engg. College
Mumbai University

1990-1993
Diploma(Computer Engineering)
Secured distinction
B. V. Polytechnic
Mumbai University

Paper Publications

- [1] H.B.Kekre, T.K.Sarode and J.K.Save, "New Clustering Algorithm for Vector Quantization using Walsh Sequence," International Journal of Computer Applications (IJCA), Vol. 39, No. 1, pp. 4-9, February 2012
- [2] H.B.Kekre, T.K.Sarode and J.K.Save, "Image Classification in Transform Domain," International Journal of Computer Science and Information Security (IJCSIS), Vol. 10, No. 3, pp. 91-97, March 2012
- [3] H.B.Kekre, T.K.Sarode and J.K.Save, "Error Vector Rotation Using Kekre Transform For Efficient Clustering In Vector Quantization," International Journal of Advances in Engineering & Technology(IJAET), Vol. 4, Issue 1, pp. 256-264, July 2012
- [4] H.B.Kekre, T.K.Sarode and J.K.Save, "Effect Of Distance Measures On Transform Based Image Classification," International Journal of Engineering Science and Technology (IJEST), Vol. 4, No. 08, pp. 3729-3742, August 2012
- [5] H.B.Kekre, T.K.Sarode and J.K.Save, "Performance Comparison of Wavelet Transforms, Generated from Orthogonal Transforms, in Classification of Image Database," International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Vol. 2, Issue 12, pp. 10-18, December 2012
- [6] H.B.Kekre, T.K.Sarode and J.K.Save, "Classification of Image Database Using Independent Principal Component Analysis," International Journal of Advanced Computer Science and Applications (IJACSA), Vol. 4, No. 7, pp. 109-116, July 2013

- [7] H.B.Kekre, T.K.Sarode and J.K.Save, "An efficient method for similarity measure in Independent PCA based Classification," International Journal of Computers and Technology (IJCT), Vol. 9, No. 2, pp. 1099-1109, July 2013
- [8] H.B.Kekre, T.K.Sarode and J.K.Save, "Gender Classification of Human Faces using Class Based PCA," International Journal of Scientific and Research Publications (IJSRP), Vol. 4, Issue 2, pp. 1-9, February 2014
- [9] H.B.Kekre, T.K.Sarode and J.K.Save, "Column Transform based Feature Generation for Classification of Image Database," International Journal of Application or Innovation in Engineering and Management (IJAEM), Vol. 3, Issue 7, pp. 172-181, July 2014
- [10] H.B.Kekre, T.K.Sarode and J.K.Save, "Generation of an Effective Training Feature Vector using VQ for Classification of Image Database," International Journal of Computer Applications (IJCA), Vol. 108, No. 18, pp. 15-23, December 2014
- [11] Dr.Tanuja Sarode and Jagruti Save, "Classification of Image Database using DCT, DCT Wavelets and Vector Quantization," International Journal of Advanced Information Science and Technology (IJAIST) Vol. 44, No. 44, pp. 115-124, December 2015
- [12] Dr.Tanuja Sarode and Jagruti Save, "Walsh Transform based Feature Vector Generation for Image Database Classification," International Journal of Electrical and Computer Engineering, **SCOPUS indexed** journal, (IJECE), Vol. 6, No. 3, pp. 1176-1182, June 2016
- [13] Jean Rodrigues, Jagruti Save, "Segmentation of Abnormality in Ultrasound Images using Active Contour Segmentation" International Journal of Advanced Research in Computer and Communication Engineering, Vol.4, No. 10, Oct 2015
- [14] Garima Tripathi, Jagruti Save, "An Image Processing and Neural network based approach for Detection and Classification of plant diseases", IJECET, Vol 6, issue 4, April 15
- [15] presented and published paper "Impulse Noise Removal And Perceptual Color Image Compression" feb 11-12 2005 ISTE approved national conference on image processing Thadomal Shahani Engg. College
- [16] "PERSONAL AUTHENTICATION BY IRIS RECOGNITION" National conference on "Information Technology trends in Engineering Applications" Organized by Center for Post Graduate studies in Engineering, & IEEE - DSCE Student Branch DAYANAND
- [17] "THE 2D WAVELET AND 2D CURVLET TRANSFORM FOR IMAGE PROCESSING" National conference on "Information Technology trends in Engineering

Applications" Organized by Center for Post Graduate studies in Engineering, & IEEE - DSCE Student

Projects Guided

At Graduate Level : 40

At Post Graduate Level : 15

Area of Specialization

DBMS, Image Processing, Soft Computing, Data mining

Seminars/Workshops attended

ISTE sponsored STTP on robotics and applications

Faculty development program on "Research career success and survival tips"

Seminar on multimedia systems

STTP on NBA procedure

Important Responsibilities handled

- HOD and NBA program Coordinator
- Organize and conduct department advisory board (DAB) meetings
- Devise various survey forms required for accreditation
- Streamlined various process in the department
- Member of women development cell
- Member of Executive committee
- Member of Governing body
- Chief Conductor for Semester Exam
- Conference co chair and session chair for ICAC3'2017(International Conference on Advances on Computing, Communication and Control)
- Technical committee member for ICAC3'2015
- Review Committee member for ICAC3'2013
- Conference Scheduling for ICAC3'2011

- Making Proceedings of conference for ICAC3'2009
- Paper setting for Mumbai University, NMIMS University and other autonomous colleges
- Examiner for Mumbai University
- Exam Auditor at SPIT
- Member of Syllabus setting committee for soft computing at K J Somaiya Institute
- LIC committee member