



## JYOTI DESHMUKH

**M.E.** in Computer Engineering

**B.Tech.** in Computer Science and Technology

**Ph.D** (Pursuing)

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**Cell No:** 9892724542

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**Designation:** Assistant Professor in Computer Engineering Department.

**Experience:** Educational 13 Years

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**Areas of Interest:** Image Processing, Signal Processing, Image Mining, Multimedia Systems Design, Data Warehousing and Data Mining

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### Publications

#### Journals

1. **Jyoti Deshmukh** and Udhav Bhosle “Discovering Optimized Association Rules based on Image Content”, *Journal of Advances in Image and Video Processing (AIVP)*, Vol 4, No 2, PP. 10-24, 2016.
2. **Jyoti Deshmukh** and Udhav Bhosle “GLCM based Improved Mammogram Classification using Associative Classifier”, *International Journal of Image, Graphics and Signal Processing (IJIGSP)*, Vol9, No.7, pp.66-74, 2017. DOI: 10.5815/ijigsp. 2017.07.07.

#### Conference Proceedings

1. **Jyoti Deshmukh** and Udhav Bhosle, “SIFT with Associative Classifier for Mammogram Classification”, *IEEE International Conference on Signal and Information Processing (ICONSIP) 2016*, PP.1-5, SGGS, Nanded, India, October 2016.
2. **Jyoti Deshmukh** and Udhav Bhosle, “Image Mining using Association Rule for Medical Image Dataset”, *International Conference on Computational Modeling and Security (CMS) 2016*, Elsevier Publications, Science Direct Procedia Computer Science, pp. 117-124, Bangalore, India, February

2016.

3. **Jyoti Deshmukh** and Udhav Bhosle, “Image Mining using Optimized Association Rule for Mammogram Image Classification”, *IEEE International Conference on Communication Networks (ICCN) 2015*, PP.174-179, ITM Gwalior, India, November 2015.
4. **Jyoti Deshmukh** and Udhav Bhosle, “SURF Features based Classifiers for Mammogram Classification”, *IEEE International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET) 2017*, in press, Chennai, India, March 2017.
5. **Jyoti Deshmukh**, Udhav Bhosle, Seema Biday and S. D. Sawarkar, (2008), “Relative Radiometric Correction of Multitemporal Satellite Imagery using Polynomial Regression”, *Proceedings of 3<sup>rd</sup> International Conference on Advanced Computing and Communication Technologies*, Asia Pacific Institute of Information Technology, Panipat (Haryana), India.
6. **Jyoti Deshmukh**, S. D. Sawarkar, (2009), “Relative Radiometric Correction of Cloudy Multitemporal Satellite Imagery”, *Proc. of 3<sup>rd</sup> International Conference on Advances in Computing, Communication and Control*, Fr. Conceicao Rodrigues College of Engineering, Bandra (W), Mumbai, India.

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## Project Supervisor

### UG level:

1. Customizable approaches to multi-frame super-resolution
2. 3D Modeling using Orthographic Projections

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### Professional Bodies Association:

- Life Member of ISTE [LM 55571]

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### Awards & Achievements

- Holder of **Minor Research Project Grant from University of Mumbai** for the research project “**Change Detection from Resourcesat1 LISS III Images**”.
  - Achieved **Appreciation Letter as Best Lecturer** from the Management of Rajiv Gandhi Institute of Technology
  - **Co-Coordinator for National Workshop on “Advances in signal processing and applications (NWASPA-11)”**, January 2011
  - Participated in **Mission 10X – Teaching & Learning Skills** program for innovative ideas in teaching conducted by Wipro.
  - **Organizing Committee member** for One week **STTP** in “**LINUX**”.
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