

Faculty Profile



Name: G. SUCHARITHA

Designation: Assistant Professor

Teaching Areas: Digital Image Processing, Micro Controller Applications, VLSI, Micro Processors, Electronics

Research Interests: Digital Image Processing, VLSI

Education:

- (Ph.D), Digital Image Processing from KL University (Thesis Submitted)
- M.Tech Digital Systems& Computer Electronics (JNTUH,2009)
- B.Tech Electronics and Communication Engineering (JNTUH,2005)

Professional Experience (Total: Inclusive of Teaching and Industrial)

1. 2013-till date : Assistant Professor, FST, IFHE, Hyderabad
2. 2012-2013 : Assistant Professor, GNI, Haryana
3. 2010-2012 : Assistant Professor, SSIET, Punjab
4. 2008-2010 : Lecturer, ACE&AR ,Haryana
5. 2005-2008 : Lecturer, Jpnce , A.P

Research / Selected Publications:

1. Sucharitha, G., and Ranjan K. Senapati, "**Shape Based Image Retrieval using Lower Order Zernike Moments,**" International Journal of Electrical and Computer Engineering, vol.7, no.3, pp. 1651-1660,2017. **(Scopus)**
2. Sucharitha, G., and Ranjan K. Senapati, "**Local Quantized Edge Binary patterns for Color and Texture image Retrieval,**" Journal of Theoretical and Applied Information Technology, vol.96,no.2, pp.292-303, 2018. **(Scopus)**
3. Sucharitha, G., and Ranjan K. Senapati, "**Local Extreme Edge Binary Patterns for Face Recognition and Image Retrieval,**" Jour of Advanced Research in Dynamical & Control Systems, Vol. 10, 01-Special Issue, 2018. **(Scopus)**
4. Sucharitha, G., and Ranjan K. Senapati, "**Optimized Image Retrieval using HSV Color Space, Local Edge Binary Patterns and Zernike Moments,**" Jour of Engineering and Applied sciences,vol.13, no.16,pp.6777-6786, 2018. **(Scopus)**
5. Sucharitha, Dr.R.K.Senapati "**Face Recognition of Illuminated images using DWT and PCA**" in IJCSIT , March 2015.
6. Sucharitha,Dr.Renu Dhir "**A Study of Face Re cognition Across Age Invariant Using Graph Method**" in GJCST '2011 Volume 11 Issue 5 Version1.0 April 2011.
7. Sucharitha,Dr.R.K.Senapati , "**Local Extreme Co-occurrence Edge Binary Pattern for Bio-medical Image Retrieval** " accepted in 2019 Second International Conference on Advanced Computational and Communication Paradigms (ICACCP).
8. Sucharitha,Dr.R.K.Senapati , "**A Review on Region based Image Retrieval in CBIR**" in ICIEEE 2014(International Conference on Innovations in Electrical & Electronics Engineering) held on 5-6th September,2014 at GuruNanak Institute of Technology,Hyderabad.