Faculty Profile

Name:	**Dr. G. Sucharitha**
Designation:	Asst.Professor
Teaching Areas:	Digital Image Processing, Micro Controller Applications, VlSI, Micro Processors, Electronics
Research Interests:	Digital Image Processing, VLSI
Education:	Ph.D in Digital Image Processing from KL University (KLEF, 2019)
	M.Tech Digital Systems& Computer Electronics (JNTUH,2009)
	B.Tech Electronics and Communication Engineering (JNTUH,2005)

Professional Experience: (15 Years)

1. Lecturer In Jpnce , A.P (2005-2008)
2. Lecturer In ACE&AR ,Haryana (2008-2010)
3. Asst.Prof in SSIET, Punjab (2012-2010)
4. Asst.Prof in GNI, Haryana (2013-2012)
5. Asst.Prof in FST,IFHE, Hyderabad (till-2013)

Research / Selected Publications:

1. Sucharitha, G., and Ranjan Kumar Senapati. "Biomedical image retrieval by using local directional edge binary patterns and Zernike moments." *Multimedia Tools and Applications* 79.3 (2020): 1847-1864.(SCI)

2. 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)**

3. 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)**

4. 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)**

5. 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)**

6. Sucharitha, Dr.R.K.Senapati **"Face Recognition of Illuminated images using DWT and PCA" in IJCSIT ,** March 2015.

7. 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.