Faculty Profile

Name:	**P. Rohini**
Designation:	Assistant Professor
Teaching areas:	Software Engineering, Information Security, Advanced Data Structures, Computer Programming, Database management Systems, OOP through Java and C++, Theory of Computation, Design and Analysis of Algorithms.
Research interests:	Deep Learning, Image Retrieval, Software Engineering
Education:	(Ph D) in Computer Science and Engineering in JNTUA
	Master of Technology, JNTU Kakinada, 2010
	Bachelor of Technology, JNTU Kakinada, 2005

Total Professional Experience: (Total 15.2 Years)

1. 2013 - till date : Assistant Professor, Faculty of Science & Technology, IFHE, Hyderabad.
2. 2011 - 2013 : Assistant Professor, Malla Reddy College of Engineering, Secunderabad.
3. 2008 - 2011 : Assistant Professor, Al-Habeeb College of Engg. & Technology, Hyderabad.
4. 2005 - 2008 : Assistant Professor, Sri Prakash College of Engineering, Tuni, E.G.Dist.

Research/Selected Publications:

1. Rohini P,C.Shoba Bindu" Learning Image Representation from Image Reconstruction for a Content-based Medical Image Retrieval" Signal Image and Video Processing, **Springer Nature,March 2020.**
2. Rohini P,C.Shoba Bindu "Quantized local trio patterns for multimedia Image Retrieval System", Innovations in Elect. & Comm. Engg., **Springer Nature Book Chapter**, July 2018.
3. L.Koteswara Rao ,Rohini P, L.Pratap Reddy "Local color oppugnant quantized extrema patterns for image retrieval " , MDSSP, **Springer Journal** (SCI), pp.1.23, July 2018.
4. L.Koteswara Rao ,Rohini "Multiple color channel local extrema patterns for image retrieval", ICIECE'18 , Innovations in Electronics and Communication Engineering ,**Springer Nature Book Chapter**, July 2018.
5. Rohini P, L.Koteswara Rao "Hadoop based Image Retrieval using CDLEP and Gabor Features", IJSRD., vol 5, Issue 3 , pp.800 804, June 2017.
6. Rohini P, L.Koteswara Rao "Hadoop based CBIR using the Integration of Color and MDLEP", IJARIIERD., vol 3, no 3 , pp.1423-1431,May 2017.
7. Rohini P, "Integration of MDLEP and Gabor function as a feature vector for image retrieval system" in the IUP Journal of Computer Sciences, vol 10,pp.62-70, Jan-April 2016.
8. L Koteswara Rao, D Venkata Rao, P Rohini, Integration of color and MDLEP as a feature vector in image indexing and retrieval,ICICT 2015,AISC(**Springer**), **[Scopus]**
9. P.Rohini ,L Koteswara Rao, D Venkata Rao, Combination of CDLEP and Gabor transform for CBIR,IC3T2015,AISC**(Springer), [Scopus]**