

Faculty Profile

Name: **C. Lakshmi Devasena**
Designation: Associate Professor
Teaching Areas: Information System for Managers DBMS, Business Analysis
Advanced Computing Techniques Quantitative Methods
Research Interests: Data Mining & Knowledge Discovery
Medical Image Analysis
Business Analytics
Education: Ph.D., Karpagam University, Coimbatore, India, 2013
M.Tech (CSE), JNTU Hyderabad, 2015
M.Phil, Bharathidasan University, Tiruchirapalli, 2008
MCA, Madurai Kamaraj University, Madurai, India, 1997



Professional Experience (16 Years)

1. Since 2013: IFHE, IBS Hyderabad
2. 2012-2013: Spoorthy Engineering College, Hyderabad, India
3. 2007-2012: Karpagam University, Coimbatore, India
4. 2006-2007: Seethalakshmi Ramaswamy College, Trichy, India
5. 2004-2005: Kendriya Vidyalaya, Air Force Station, Bathinda, Punjab, India
6. 1999-2000: Seethalakshmi Ramaswami College, Trichy, India
7. 1998-1999: C.C. Engineers Pvt. Ltd, Pune.

Research/Selected Publications

1. Lakshmi Devasena, C., "IPv6 Low Power Wireless Personal Area Network (6LoWPAN) for Networking Internet of Things (IoT) – Analyzing its suitability for IoT," *Indian Journal of Science and Technology*, Volume 9, No. 30, DOI: 10.17485/ijst/2016/v9i30/98730, August 2016, pp 1-6.
2. Lakshmi Devasena, C., "Fusion of MRI and CT Medical images using Redundant DWT and Fast Discrete Curvelet based Image Fusion Algorithm," *International Journal of Applied Engineering Research*, Volume 9, No. 23, December 2014, pp 22087-22096.
3. Lakshmi Devasena, C., and Hemalatha, M., "Automatic Classification of Audio Data using Gradient Descent Neural Network Based Algorithm," *Journal of Theoretical and Applied Information Technology*, Volume 70, No. 3, December 2014, pp. 375 - 389.
4. Lakshmi Devasena, C., and Hemalatha, M., "Efficient Computer Aided Diagnosis by Abnormal Parts Detection in Magnetic Resonance Images using Hybrid Abnormality Detection Algorithm," *Central European Journal of Computer Science*, Volume 3, No. 3, September 2013, pp 117-128.
5. Lakshmi Devasena, C., and Hemalatha, M., "Object Detection in Video using Lorenz Information Measure and Discrete Wavelet Transform," *ACM*, 978-1-4503-1196-0/12/08, August 2012, pp 200-206.