

**Faculty Name: MS. E.Merlin Mercy**

**Educational Qualification**

Degree	Branch	Institution	Year
B.E.,	B.E.(CSE)	Francis Xavier Engineering College.Tirunelveli.	2008
M.E.,	M.E.(CSE)	Dr.Sivanthi Aditanar College of Engineering.Tiruchendur.	2010

**Experience:**

Period	No. of. Years	Designation/Nature of job	Institution/Organization
2010- till	6	Assistant Professor	Sri Krishna College of Technology

**PUBLICATIONS**

**JOURNALS:**

1. E.Merlin Mercy(2013) "Neural network based matching approach on iris recognition"- International Journal of Advanced Research in Computed Engineering & Technology(IJARCET)" ,Volume 2,Issue 2,February 2013.
2. E.Merlin Mercy(2014)"An Improved Energy Efficient Multipath Routing in WSN"- International Journal of Computer Science and Mobile Computing(IJCSMC) Vol 3 Issue 5,May 2014
3. E.Merlin Mercy(2016) "Distributed association rule mining and summarization for Diabetes Mellitus and Its Co Morbid Risk Prediction strategy using FUZZY Classifier"- International Journal of Modern Research and Development(IJMRD) Vol 3 Issue 4,April 2016
4. E.Merlin Mercy(2016) "Heart Disease Classification and its Co-Morbid condition detection using WPCA Genetic Algorthim" International Journal of Innovative Research in Computer and Communication Engineering(IJIRCCE) Vol 4 Issue 4,April 2016

**CONFERENCES**

**International Conference:**

1. E.Merlin Mercy(2013) "Automated System for Denoising Gray-Scale Images Using Image Priors"- International Conference on innovations in Intelligent Instrumentation, Optimization and Signal Processing ,Karunya University,Coimbatore March 2013.
2. E.Merlin Mercy(2014) "Texture Analysis of MRI Images Using LBC for the Detection of Brain Tumour"- International conference on Innovations in Information Embedded and Communication Systems , Karpagam College of Engineering, Coimbatore 2014.
3. E.Merlin Mercy(2015) "Hough Transform based Feature for the classification of Mammogram using back propagation neural network" 5th International Conference on Soft Computing for Problem Solving(SocPros-15) IIT-Roorkee(Saharanpur Campus)December 2015.
4. E.Merlin Mercy(2016) "Extraction of Speech signal based on Power Normalized Spectral coefficient and Mel Frequency Spectral coefficient:Comparison" International Conference on Electrical, Electronics and Optimization Techniques"(ICEEOT-16) DMI College of Engineering,Chennai.

**National Conference:**

- E.Merlin Mercy(2013) "Automated Applications Of Contour let Transform In Medical Image Watermarking"National Conference on Information and Communication Technology,Saveetha Engineering College,Chennai March 2013.
- E.Merlin Mercy(2014) "An improved Method for Energy Efficient Protocol in WSN"- National Conference on Knowledge based Scientific Research and Communication Engineering, K.S.R College of Engineering, March 2014.
- E.Merlin Mercy(2016) "An Enhanced Protocol H-Tooth for Opportunistic Computing followed in Body Sensor Networks" - Eighth National Conference on Computing, Communication and Information System (NCCCIS-2016) at SKCET
- E.Merlin Mercy(2016) " Diabetic Risk Prediction Strategy using SAM technique - Eighth National Conference on Computing, Communication and Information System" (NCCCIS-2016) at SKCET