



Mrs.P.Poovizhi, M.E., M.I.S.T.E.

Associate Professor

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Academic Background

Degree	Specialization	College/University	Class	Year
B.E	Electronics and Communication Engineering	Periyar Maniammai College of Technology for Women(Bharathidasan University, Trichy)	FWD	2003
M.E	Applied Electronics	Sathyabama University, Chennai	FWD	2009

Years of Experience: 14 Years 2 Months

Areas of Specialization

Digital Image Processing
Embedded System
Wireless Communication

Publications in International Journals

1. Published a paper entitled “Hybrid – Double Multiplier Architecture for Elliptic Curve Cryptography” in International Research Journal of Engineering & Technology Research in volume 2, Issue 9, and December 2015. e – ISSN :2395 – 0056 & p – ISSN : 2395 - 0072

2. Published a paper entitled “Portable Camera Based Identification System for Visually Impaired People” in International Journal Of Innovative Research In Computer And Communication Engineering” in Volume 4, Issue 11, November 2016 , ISSN (Online): 2320 – 9801.
3. Published a paper entitled “An Area efficient Multiband divider with Integrated P and S counter using 32nm CMOS Technology” in Journal of Advanced Research Trends in Engineering & Technology in Volume 3 special issue 22, April 2016, ISSN (online) : 2394 -3785 .
4. Published a paper entitled “Automated Image Character Recognition based Text detection and Tracking system” in International Journal of Innovative Research in Computer and Communication Engineering in Vol. 5, Issue 3, March 2017 ,ISSN(Online): 2320-9801.
5. Published a paper entitled “Combining Identification System and Text Navigator System for Visually Impaired People” in International Journal of Innovative Research in Science, Engineering and Technology in Vol.3, Special Issue.24, March 2017 , ISSN (ONLINE): 2395-695X
6. Published a paper entitled “Energy Efficient Resource Allocation Based On Multi Radio Access Technology” in Journal of Advanced Research Trends in Engineering & Technology in volume 4, Special Issue 11, March 2017. ISSN (online) : 2394 -3785 .
7. Published a paper entitled “ Signature based authentication key using BAC logic fot IOT Applications” International Research Journal in Advanced Engineering and Technology” in Volume 4, Issue 2,March 2018, E-ISSN : 2454-4752 P-ISSN : 2454-4744
8. Published a paper entitled “A Portable Device for Health Monitoring and Audio Visual Reporting” in International Journal of Advanced Research Trends in Engineering & Technology in volume 3, Special Issue 7, March 2018. ISSN (online) : 2394 -3785 .
9. Published a paper entitled “Recognition of human actions from arbitrary views using negotiable lexicon learning “ in Journal of Applied Science and Computations .
10. Published a paper entitled “Detection of cervical cancer in colposcopy image using watershed segmentation in image processing” in Journal of Applied Science and Computations .

Publications in International and National Conference

1. Presented a paper entitled “Palmprint Recognition for personal Identification” in National Conference at Sri Balaji Chockalingam Engg. College on 24th March 2016.
2. Presented a paper entitled “An efficient lossless compression method using Huffman coding for Discrete color image” in National Conference during March 2016.
3. Presented a paper entitled “Multimodal Biometric system for Human Recognition” in National Conference at Velammal Engineering College on 20th April 2016.
4. Presented a paper entitled “An Area efficient Multiband divider with Integrated P and S counter using 32nm” in International Conference during April 2016.
5. Presented a paper entitled “Energy Efficient resource allocation based on Multiradio Access Technology” in National Conference at Arunai College of Engineering during March 2017.
6. Presented a paper entitled “Analysis of Rice quality detection using Image processing Techniques” in International Conference at Selvam College Technology on 7th & 8th March 2019.

Membership

- ISTE - Lifetime Member

Additional Responsibilities:

Convener of Extracurricular Committee
Member Secretary of Discipline & Welfare Committee
Member of Internal Quality Assurance Cell
Member Secretary of Admission Cell

Academic Achievements

Received **Appreciation Awards** for Producing 100% Results in University Exams for several times.

[Mrs.P.Poovizhi]