

Dr. G. Nivetha

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EDUCATION

Ph.D | 2020 | ANNA UNIVERSITY, CHENNAI

M.E | 2007 | COMPUTER AND COMMUNICATION | PERIYAR MANIAMMAI COLLEGE OF TECHNOLOGY FOR WOMEN, VALLAM, THANJAVUR

B.E | 2005 | ELECTRONICS AND COMMUNICATION ENGINEERING | PERIYAR MANIAMMAI COLLEGE OF TECHNOLOGY FOR WOMEN, VALLAM, THANJAVUR

EXPERIENCE

ASSISTANT PROFESSOR | PERIYAR MANIAMMAI COLLEGE OF TECHNOLOGY FOR WOMEN, VALLAM, THANJAVUR | FROM 17.06.2007 TO 10.9.2009

ASSISTANT PROFESSOR | PERIYAR MANIAMMAI COLLEGE OF TECHNOLOGY FOR WOMEN, VALLAM, THANJAVUR | FROM 11.09.2009 TO TILL DATE

AREA OF SPECIALIZATION

WIRELESS SENSOR NETWORKS

DIGITAL IMAGE PROCESSING

RESEARCH CONTRIBUTIONS

BOOK CHAPTERS PUBLISHED

ENSEMBLE FEATURE SELECTION TO IMPROVE CLASSIFICATION ACCURACY IN HUMAN ACTIVITY RECOGNITION, INVENTIVE COMMUNICATION AND COMPUTATIONAL TECHNOLOGIES, 541-548, SPRINGER, 2020

INTELLIGENT MULTIDIMENSIONAL DATA CLUSTERING AND ANALYSIS, INTELLIGENT MULTIDIMENSIONAL DATA CLUSTERING AND ANALYSIS 1, 345-356, 2017, IGI-GLOBAL

JOURNAL PUBLICATIONS

IMPROVING DATA CLASSIFICATION ACCURACY IN SENSOR NETWORKS USING HYBRID OUTLIER DETECTION IN HAR, JOURNAL OF INTELLIGENT & FUZZY SYSTEMS 37 (1), 771-782, 2019

HYBRID OUTLIER DETECTION (HOD) METHOD IN SENSOR DATA FOR HUMAN ACTIVITY CLASSIFICATION, INTELLIGENT DATA ANALYSIS 22 (2), 245-260, 2018

ENERGY OPTIMIZATION ROUTING TECHNIQUES IN WIRELESS SENSOR NETWORKS, INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTER SCIENCE AND SOFTWARE ENGINEERING 2(7), 344-348, 2012

COMPARATIVE ANALYSIS ON ROUTING TECHNIQUES IN WIRELESS SENSOR NETWORKS, INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ELECTRONICS AND COMMUNICATION ENGINEERING (IJARECE) 1 (3), 61-67,2012

CONFERENCE PUBLICATION

Ensemble Feature Selection to Improve Classification Accuracy in Human Activity Recognition, International conference on Inventive Communication and Computational Technologies held on at 29.04.19 & 30.04.2019 at Gnanambigai College of Engineering, Namakka

Design of Smart Neonatal Health Monitoring System using Sensor Mobile Cloud Computing, International conference on computing communication and drastic Innovations in Energy Thrive held on 28.2.2018 and 01.3.2018 at University College of Engineering Panruti

Ensuring High Classification Accuracy for Sensor Data by Ensemble Outlier Detection Model, International conference on communication and Control Engineering held on 29.12.2016 - 30.12.2016 at University College of Engineering Villupuram

Sequential Ensemble Averaging Outlier Method For Human Activity Recognition, International conference on Emerging trends in Electrical , Electronics and Communication Systems held on 24.09.16 - 26.9.16 at University College of Engineering, BIT

Routing Protocols in Wireless Sensor Networks, Second International conference on Resource Utilization and Intelligent Systems held on 3.01.2008 - 5.01.2008 at Kongu Engineering College , Erode

Flat Routing Protocols in Wireless Sensor Networks - A Comparative Analysis, International conference on Modelling and Simulation held on 27.08.2007 - 29.08.2007 at CIT, Coimbatore

Automatic Accident Detection Rescue System, National Conference on Computing Techniques held on 5.4.2013 at University College of Engineering Villupuram

GSM based Automatic Rescue System, Second National Conference on Electronics, Communication and Signal Processing held on 03.04.2013 at Rajiv Gandhi College of Engineering, Nemili

Voice and Image Approximation using Wavelet Transform, National Conference on Frontier Research Areas in Communication Computer and Control Engineering held on 6.03.2008 at Kings Engineering College, Thanjavur

Flat Routing Techniques in Wireless Sensor Networks, National Conference on Recent Advancements in Information Technology held on 9.02.2007 at Sri Ramakrishna Engineering College , Coimbatore

Analysis of Flat Routing Techniques in Wireless Sensor Networks, National Conference on Social Benefits through Applications of IT held on 29.12.2006 at Kongu Engineering College , Erode

Digital Image Steganography using Stochastic Modulation, National Conference on Emerging Trends in Information Technology held on 03.03.2007 at Vivekanandha Institute of Information and Management , Tiruchengode

Multihop Routing Protocols for Wireless Sensor Networks, National Conference on Emerging Trends in Information Technology held on 03.03.2007 at Vivekanandha Institute of Information and Management , Tiruchengode