Thiagarajar College of Engineering, Madurai-625015.
Department of Computer Science and Engineering

Doctorates Graduated

S.NO.	Name of the Scholar	Area of Research	Name of the Supervisor	Year of Completion
1.	Dr.N. Ramaraj	Optimal power frequency control	Dr. R. Rajaram	1996
2.	Dr.R. Sukanesh	Bio-Medical Engineering	Dr. R. Rajaram	1997
3.	Dr.N. Krishnan	Image Processing	Dr. R. Rajaram	1997
4.	Dr.M. Suganthi	Mobile Communication	Dr. R. Rajaram	1997
5.	Dr.S. Sundaravadivelu	Optical Integrated Circuit	Dr. R. Rajaram	1997
6.	Dr.S.Mercy Shalinie	Design of Neuro Fuzzy Systems	Dr. R. Rajaram	1999
7.	Dr.G.Andal Jeyalakshmi	Design of Hybrid Genetic Algorithm	Dr. R. Rajaram	2000
8.	Dr. S. Srinivasan	Distributed Operating Systems	Dr. R. Rajaram	2001
9.	Dr.M. Shanthi	Electrical Engine	Dr. R. Rajaram	2005
10.	Dr.K.Venkatalakshmi	An Empirical investigation of Soft Computing techniques in Classification of Remote Sensed Images	Dr. S. Mercy Shalinie	2009
11.	Dr.K.Sundarakantham	Natural Language grammatical inference using Machine Learning algorithms for effective language acquisition from transcribed corpora	Dr. S. Mercy Shalinie	2010
12.	Dr. M. Indra Devi	Data Mining	Dr. R. Rajaram	2010
13.	Dr.K. Latha	Information retrieval techniques model formulations and algorithmic solutions to the problems	Dr. R. Rajaram	2010
14.	Dr.C. Deisy	Information theoretic based Interactive algorithms for Feature selection	Dr. N. Ramaraj	2010
15.	Dr.P. Subathra	A cluster based reliable group communication for secure manet	Dr. N. Ramaraj	2010
16.	Dr.S. Padmavathi	Application of heuristic algorithms for effective task scheduling in cluster computing environment	Dr. S. Mercy Shalinie	2011

17.	Dr.A. Askarunisha	Agent based analysis of test case prioritization techniques for software operations	Dr. N. Ramaraj	2011
18.	Dr.S. Selvakumar	Performance analysis of intelligent Techniques for test suite Minimization	Dr. N. Ramaraj	2011
19.	Dr.R. Muthuselvi	A genetic algorithm based approach for multi objective optimization of real time scheduling	Dr. R. Rajaram	2011
20.	Dr.A. Vel Murugan	Mobile Agents	Dr. R. Rajaram	2012
21.	Dr.S.Muthu Ramalingam	Mobile Communication	Dr. R. Rajaram	2012
22.	Dr.T. Subbulakshmi	Application of Machine Learning Algorithms for Real Time Intrusion Detection and Classification	Dr. S. Mercy Shalinie	2012
23.	Dr.D. Tamilselvi	Agent based path planning for Robot navigation	Dr. S. Mercy Shalinie	2013
24.	Dr.S. Balamurgan	Data Mining	Dr. R. Rajaram	2013
25.	Dr.M Amuthaprabakar	Network Security	Dr. R. Rajaram	2013
26.	Dr.G. Sujitha	Design and development of a secure and Scalable framework for effective data Storage in cloud environment	Dr. S. Mercy Shalinie	2014
27.	Dr.A. Avelin Diana	Efficient home agent management to improve quality of service in mobile IPV6 network	Dr. K. Sundarakantham	2014
28.	Dr.M. Parvathi	Design and development of scalable trust based recommendation system with enhanced privacy assurance	Dr. K. Sundarakantham	2015
29.	Dr.V. Akilandeeswari	Design of self-healing system using co-operative distributed response and recovery technique for high-rate DDoS attack.	Dr. S. Mercy Shalinie	2015
30.	Dr.G. Preetha	Real Time Quantitative Combat Model Based Distributed Denial of Service Attack Detection and Defence	Dr. S. MercyShalinie	2015
31.	Dr.D.Anitha	Automatic Selection and Sequencing of Learning objects in Adaptive Education systems based on Learner Traits	Dr.C.Deisy	2015
32.	Dr.B. Thangaparvathi	Design of classifier models using intelligent techniques and comparing its predictive ability through statistical validation.	Dr. S. Mercy Shalinie	2016

33.	Dr.M. Vijayalakshmi	Analysis and design of backward compatible IP traceback scheme for direct DDoS attack.	Dr. S. Mercy Shalinie	2016
34.	Dr.Diana Moses	Real time cardiovascular disease diagnosis on mobile devices using novel methods for ECG compression, extraction and classification	Dr.C.Deisy	2016
35.	Dr.K.Arul Deepa	A Cascaded framework for detection, characterization and resolution of Tamil Pronominal references in imbalanced datasets	Dr.C.Deisy	2017
36.	Dr.G.Akilarasu	Secure Routing in WMN using Wormhole Resistant, Trust based Authentication and Privacy Preserving Protocol.	Dr. S. Mercy Shalinie	2017
37.	Dr.S.Karthik	Design and Performance Evaluation of Parallel Algorithm for Hierarchical Clustering of Large text collections	Dr.S.Mercy Shalinie	2017
38.	Dr.R.Karthikeyan	An Energy efficient task scheduling and VM consolidation approach for multi-tenant Cloud Environment	Dr.P.Chitra	2018
39.	Dr.Maya Mohan	Design of an integrity based elgamal cryptosystems for bit-coin exchanges	Dr.M.K.Kavitha Devi	2018
40.	Dr.S.Vairachilai	An effective community detection based approach to solve cold start problem in Recommender system	Dr.M.K.Kavitha Devi	2018
41.	Dr.L.Kamatachi Priya	Design and development of decision making framework for small data set	Dr.M.K.Kavitha Devi	2018
42.	Dr.S.Prabhavathy	Design of Fog computing based self protection system in Internet of Things	Dr. K. Sundarakantham	2019
43.	Dr.J.Hemalatha	Improving blind image steganalyzer performance using third order spam features and random rotation forest ensemble MPSVM	Dr.M.K.Kavitha Devi	2019
44.	Dr.K.Senthil	Distributed Query Optimization and Indexing schemas in Heterogeneous Cloud Server	Dr.P.Chitra	2019
45.	Dr.M.Suguna	Privacy preserving Security model for Mobile Cloud Computing	Dr.S.Mercy Shalinie	2019
46.	Dr.K.Narasima Mallikarjunan	Prediction of Attacker's Intention using System and User Behaviour Analyses	Dr.S.Mercy Shalinie	2019
47.	Dr.A.Malini	Mobile App Launch Time Acceleration Through Energy and Context Aware Prediction Models	Dr. K. Sundarakantham	2019
48.	Dr.M.Nirmala Devi	Performance Enhancement of Data Mining Algorithms for Chronic Diseases and Medline Documents	Dr.S.Appavu alias Balamurugan	2019

49.	Dr.J.Jane Rubel Angelina	Performance Enhancement of Hash based Parallel Deduplication model	Dr. K. Sundarakantham	2019
50.	Dr.G.Madhupriya	Design of a Security System to Guarantee Availability of Virtual Resources using Live Migration	Dr.S.Mercy Shalinie	2019
51.	Dr.P.Mohanapriya	Design of Restricted Boltzmann Machine based Secure Cognitive Protocol for Software Defined Networks	Dr.S.Mercy Shalinie	2019
52.	Dr.S.Prasanna	Group Key Authentication based Identity Management for Trust based and Energy Efficient Defense Against Attack on MANETS	Dr.N.Balaji	2019
53.	Dr.A.M.Rajeswari	Semi supervised Associative Classifier for Outlier detection in Skewed Databases	Dr.C.Deisy	2019
54.	Dr.B.Subbulakshmi	A Framework For Mining of Frequent Patterns and Class Association Rules from Incremental Data	Dr.C.Deisy	2019
55.	Dr.V.Vignaraj Ananth	Design and Analysis of Machine Learning Models for Software Effort Estimation	Dr.S.Srinivasan	2020
56.	Dr.R.Nagarathna	Design and Real-Time Performance Evaluation of Secure Methodologies to Detect and Mitigate Security Breaches in 5G Networks	Dr.S.Mercy Shalinie	2021
57.	Dr.V.Divya	A QoS Aware Framework for Resource and Service Provisioning in Fog Computing	Dr.R.Leena Sri	2021
58.	Dr.J.Ragaventhiran	An Innovative Frequent Pattern Mining using Map-Optimize-Reduce Framework on Hadoop	Dr.M.K.Kavitha Devi	2021
59.	Dr.M.Islabudeen	A New-Fangled Smart Approach for Intrusion Detection and Prevention System in Mobile Ad Hoc Networks	Dr.M.K.Kavitha Devi	2021
60.	Dr.K.Indira	An Efficient Machine Learning Model For Recommender System In Multi-Cloud Environment	Dr.M.K.Kavitha Devi	2021
61.	Dr.S.Abinaya	Development Of Deep Learning And Hesitant Fuzzy Logic-Based Context Aware Recommender System	Dr.M.K.Kavitha Devi	2022
62.	Dr.Mercelin Francis	km-ADDS: An Intelligent System for Agricultural Disease Diagnosis and Severity Estimation.	Dr.C.Deisy	2022
63.	Dr.S.Abirami	Deep Learning based Spatiotemporal modeling for Air Quality Forecasting	Dr.P.Chitra	2022
64.	Dr.S.Sivagami	Detection and Diagnosis of Dental Diseases Using Deep Learning Architecture	Dr.P.Chitra	2022

65.	Dr.C.Sridharan	Efficiency Analysis and Management of Software Projects of Startups	Dr.S.Parthasarathy	2023
66.	Dr.N. Anita	Analysis and Design of Secure Distributed Blockchain Based Framework for Supply Chain Management.	Dr.M.Vijayalakshmi	2023
67.	Dr.J.Felicia Lilian	Improved Question Answering System Using Optimized Information Retrieval Techniques	Dr.K.Sundarakantham	2023
68.	Dr.M.Sivakumar	Classification of Solid Waste using Deep Learning Techniques	Dr.P.Renuga Dr.P.Chitra	2023
69.	Dr.K.Abhirami	Design and Implementation of Web Usage Mining System to Extract Knowledge for Modeling the User Behaviour	Dr.M.K.Kavitha Devi	2023
70.	Dr.Raja Lavanya	Design of Cost Effective Authentication and Key Management Framework for Internet of Things	Dr.K.Sundarakantham	2023
71.	Dr.P.Vimala Rani	Analysis and Design of Integrated Mitigation Model to Secure Information Centric Network	Dr.S.Mercy Shalinie	2023
72.	Dr.J.Dharani	An Incognito Endorsement Framework for the Enterprise-Grade Blockchain	Dr.K.Sundarakantham	2024
73.	Dr. G Sharmila	Privacy Preserving Mining From Outsourced Graph Database With Authenticated Subgraph Query Services	Dr.M.K.Kavitha Devi	2024