



SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution and affiliated to Anna University, Chennai)
Kuniamuthur, Coimbatore - 641 008



Department of Electronics and Communication Engineering

PhD Research Scholars - Anna University, Chennai

S No	Name of the Scholar	Register Number	Month & Year of Registration	Topic / Title	Name of the Supervisor	Status (Pursuing or Completed)	If Completed, Date of Completion
1.	Mr.K.Nagarajan	1612469483	Jan-16	ISI, ICI, BER, Annulment with CIR enhancement in MIMO-OFDM system based on Multilevel redundant discrete wavelet transform (ML-RDWT) and optimal red deer algorithm (ORDA)	Dr.S.Sophia	Completed	05.05.2023
2.	Mr.J.S.Sujin	17154697574	Jul-17	Digital Image Processing for forensic science and social media applications.	Dr.S.Sophia	Completed	10.02.2023
3.	Ms.Mishmala Sushith	711106322027	Jan-11	Automated Road Network Extraction from High resolution Multi Spectral Images	Dr.S.Sophia	Completed	08.09.2021
4.	Ms.R.Jennie Bharathi	11110532015	Jan-11	Performance Analysis of a novel Anonymous Architecture For Secure Anonymous Routing in Mobile IPv6 based P2P network	Dr.S.Sophia	Completed	17.09.2020
5.	Ms.V.Saveetha	11110632027	Jan-11	Optimization of K means Clustering using parallel programming on Graphics Processing Unit	Dr.S.Sophia	Completed	18.06.2020
6.	Ms.K.S.Bhuvaneshwari	11210632007	Jun-11	Certain investigations on rough set-based mechanisms for elucidating learning styles in E-learning	Dr.S.Sophia	Completed	14.12.2018
7.	Ms.P.D.Rathika	71010522025	Jan-11	Approaches to Formulate Cognitive Radio Networks In Terms of Scheduling and Spectrum Estimation	Dr.S.Sophia	Completed	04.09.2018
8.	Mr.S.R.BoselinPrabhu	11210531005	Jul-11	Evaluation of Clustering Parameter in Wireless Sensor Network Using Distributed & Hierarcial Clustering Methods	Dr.S.Sophia	Completed	27.07.2016
9.	Mr.V.Nandalal	10910521029	Jan-09	Certain Investigation on power Reduction using various PAPR Techniques in OFDMA Systems	Dr.S.Sophia	Completed	22.05.2015
10.	Mr.K.Pooventhan	16173697172	Jun-16	Network based AC Electrical Machine condition Monitoring and Fault Diagnosis system	Dr.S.Sophia	Pursuing	-

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11.	Mr.K.Siddharthraju	16134697431	Jun-16	Improved Crowd Sensing Technique for ultra smart vehicles using Internet of Vehicles(loV)	Dr.S.Sophia	Pursuing	-
12.	Mr.Navin Kumar	17144691215	Jan-17	Wireless Communication	Dr.S.Sophia	Pursuing	-
13.	Mr.S.Gobhinath	17143697148	Jun-17	Hand Gesture Recognition for Tamil Fine Language	Dr.S.Sophia	Pursuing	-
14.	Mr.V.Vineeth	17153697274	Jun-17	Fault Management in a Secure Smart Grid System	Dr.S.Sophia	Pursuing	-
15.	Mrs.D.Devi	19244691128	Nov-18	Classification of Cognitive State in Intellectual Tutoring systems based on EEG Signal Analysis	Dr.S.Sophia	Pursuing	-
16.	Mrs.N.Kalaivani	21244691459	Jan-21	Cognitive Cyber security for CPS-IOT Systems	Dr.S.Sophia	Pursuing	-
17.	Ms.Aavani N (Full time scholar)	21254697411	Jul-21	Secure Smart Contracts using AI in Cyber Physical Systems	Dr.S.Sophia	Pursuing	-
18.	Ms.M.Benedict Tephila	21254697574	Jul-21	Exploring the security concerns and maintaining the concealment in the milieu survey data	Dr.S.Sophia	Pursuing	-
19.	Ms.S.Nithyadevi	1523469308	Jan-15	Certain investigations on Random Number Generators for Security Applications	Dr.S.Sasipriya	Completed	03.04.2023
20.	Ms.M.Bhuvaneswari	18234691352	Jan-18	Improvement of Physical Layer Technique using Mobile Based Modulation	Dr.S.Sasipriya	Completed	03.11.2022
21.	Mr.A.Kingsly Jabakumar	1314469310	Jan-13	Certain Investigations on QOS based Routing Protocol & Subchannel Allocation To minimize Interference in Femtocell Networks	Dr.S.Sasipriya	Completed	07.08.2020
22.	Mr.R.Senthil Ganesh	11210531071	Jan-12	Design and Experimental implementation of Low power Four Bit Analog to Digital Converters for automotive Applications	Dr.S.Sasipriya	Completed	26.08.2019
23.	Mr.R.Arun Sekar	1514469204	Jan-15	High Performance Arithmetic Circuits design for low power Vlsi Applications	Dr.S.Sasipriya	Completed	06.06.2019
24.	Mr.S.A. Sivakumar	11210531076	Jan-12	Design and Experimental implementation of Low power Flipflops in Finite State Machine for Automotive Applications	Dr.S.Sasipriya	Completed	03.12.2018
25.	Ms.S.Sasikala	1524469903	Jul-15	VLSI	Dr.S.Sasipriya	Pursuing	-

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26.	Ms.RuthAnitha Shirley	18244791289	Jan-18	Signal Integrity In Printed Circuit Board	Dr.S.Sasipriya	Pursuing	-
27.	Ms.D.A.Janeera	18244791289	Jul-18	Brain Computer Interfacing for Thought To Text Conversion & Automation using VLSI for paralyzed and Physically Challenged	Dr.S.Sasipriya	Pursuing	-
28.	Ms.K.Priyadharsini	21244691170	Jan-21	Performance Investigation and Characteristics Analysis of Hybrid radix encoding using Appropriate Multipliers for Energy conservation in Bio medical Applications	Dr.S.Sasipriya	Pursuing	-
29.	Ms.N.Nandhini	21244691210	Jan-21	Performance Analysis of Novel Image Compression Techniques for Optical Coherence Tomography Images	Dr.S.Sasipriya	Pursuing	-
30.	MS.G.Saranya	21244691433	Jan-21	Implementation of AI algorithm for medical Diagnosis and Health care using Biomedical Dataset	Dr.S.Sasipriya	Pursuing	-
31.	Mr.D.Gnana Jebadas	20117401034	Jul-11	Design of an automated Pipeline for localizing paranchyma and white matter to aid the computation of WM and whole brain Atrophy in suspected Alzheimer Disease	Dr.A.Albert Raj	Completed	15.09.2020
32.	Ms.B.Bommy	20117401014	Jul-11	FPGA Design of Image Denoising Filters for Image Enhancement Applications	Dr.A.Albert Raj	Completed	02.03.2020
33.	Mr.L.Kebila Anns Subi	20117401029	Jul-11	Performance Analysis of MIMO OFDM System using various Techniques under Rayleigh fading Channels	Dr.A.Albert Raj	Completed	26.06.2019
34.	Ms.Renita Pearlin	21244691592	Jan-21	Machine learning for future Generations Wireless Technology	Dr.A.Albert Raj	Pursuing	-
35.	Ms.M.L.Ashly Beby	21243697166	Jul-21	Efficient Decoding Techniques for Polar codes using Machine Learning	Dr.A.Albert Raj	Pursuing	-
36.	Mr.Biju George	21154697276	Jul-21	Decoding of Polar Codes using Machine Learning Algorithm	Dr.A.Albert Raj	Pursuing	-
37.	Ms.D.Lilly Evangelin	22243697134	Jul-22	Design and Performance Evaluation of VIVO Sensors and Nano Material Based Antennas and Arrays for IOT Application on Bio Medical Devices	Dr.A.Albert Raj	Pursuing	-
38.	Ms.T.Thanka Geetha	22244697243	Jul-22	Deep Learning of Discrete Memoryless	Dr.A.Albert Raj	Pursuing	-

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				Channel Capacity with 256-QAM optimized Polar Code			
39.	Ms.R.D.S.Terese Sheeba	22234697228	Jul-22	Knee Osteoarthritis diagnosis using convolutional neural network	Dr.A.Albert Raj	Pursuing	-
40.	Ms.T.Chindrella Priyadharshini	1624499163	Jan-16	Efficient key management system for Internet based light weight devices in IOT Network	Dr.D.Mohana Geetha	Completed	14.07.2023
41.	Mr.J.Prasad	1313469126	Jan-13	Certain Investigations onFPGA based Finite impulse response filter using Vedic multiplier Approach for Vibroarthrography Signal	Dr.D.Mohana Geetha	Completed	17.12.2020
42.	Mr.S.Prabhu	1614499350	Jul-16	Mitigating Security Attacks and Enhanced Routing in WSN	Dr.D.Mohana Geetha	Pursuing	-
43.	Mr.M.P.Karthikeyan	1614499414	Jul-16	IdentificationofGlaucoma,ExudateandDiabetesusing Retina Fundus Images	Dr.D.Mohana Geetha	Pursuing	-
44.	Ms.M.Renuka Devi	16244997381	Jul-16	Secured Data Aggregation and Data reporting using Mobile Crowdsourcing	Dr.D.Mohana Geetha	Pursuing	-
45.	Ms.K.Anusha	18244697126	Jul-18	Investigation of metamaterial based microstrip Antenna	Dr.D.Mohana Geetha	Pursuing	-
46.	Mr.N.Sathish Kumar	16144697231	Jul-16	Reconfigurable Antenna	Dr.V.Nandalal	Completed	10.04.2023
47.	Mr.Anand Kumar	17144697302	Jul-17	Comparative design of LDPC Encoder using maximal Rate Pipelining	Dr.V.Nandalal	Completed	07.10.2022
48.	Ms.M.S.Sumalatha (Full time scholar)	17254697459	Jul-17	Certain Investigation of cross Layer Security Design in Wireless Sensor Networks	Dr.V.Nandalal	Completed	24.06.2022
49.	Mr.R.Rajkumar	17134697408	Jul-17	Minimization of Node Localization Error in Wireless Sensor Networks using Swarm Optimization with Simulated Annealing	Dr.V.Nandalal	Pursuing	-
50.	Mr.G. SelvaKumar	17124691282	Jan-17	Design of Smart Antenna For Millimeter Waves	Dr.V.Nandalal	Pursuing	-
51.	Ms.R.Rejitha (Full time scholar)	17254697460	Jul-17	Study on Performance Evaluation of VANET	Dr.V.Nandalal	Pursuing	-
52.	Mr.A.Anand	18124691107	Jan-18	CrossLayerDesignforVideoTransmission inWireless Networks	Dr.V.Nandalal	Pursuing	-

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53.	Ms.K.Suganya Devi (Full time scholar)	18243691135	Jan-18	Security Issues in VANET	Dr.V.Nandalal	Pursuing	-
54.	Ms.U.Vanitha	21244697114	Jul-21	Traffic Engineering in Software Defined Networks	Dr.J.Rejina Parvin	Pursuing	-
55.	Ms.K.Kavitha	100910522010	2009	Certain Investigation on Multiplevel Coding Techniques For Multiple Input Multiple output Systems	Dr.H.Mangalam	Completed	14.01.2016