



NANDHA ENGINEERING COLLEGE, ERODE-52

(AUTONOMOUS)

Department of R&D

List of Scholars Pursuing Ph.D Details

S.No.	Name of the Scholars	Name of the Department	Name of the Recognized Supervisor	Affiliated University	Year of Registration
1.	G Selvakumar	CSE	Dr S Arumugam	Anna University	2016
2.	P Anand Prabhu	CSE	Dr S Arumugam	Anna University	2016
3.	T Sureshkumar	CSE	Dr S Sivaraj	Anna University	2018
4.	S Saranya	CSE	Dr S Sivaraj	Anna University	2019
5.	A P Gopu	CSE	Dr S Sivaraj	Anna University	2019
6.	C Santhosh	CSE	Dr S Sivaraj	Anna University	2019
7.	S Thiruvenkatasamy	CSE	Dr S Sivaraj	Anna University	2021
8.	E Prabhakar	CSE	Dr S Sivaraj	Anna University	2021
9.	K Gopalakrishnan	CSE	Dr S Sivaraj	Anna University	2021
10.	K Kiruthikadevi	CSE	Dr S Sivaraj	Anna University	2021
11.	K C Rajavenkateshwaran	CSE	Dr S Sivaraj	Anna University	2021
12.	R.Sudhakar	CSE	Dr S Sivaraj	Anna University	2022
13.	Prabhunandayya Kotur	CSE	Dr J Senthil	Sri Ramachandra University	2019
14.	P Vinoth Kumar	ECE	Dr C N Marimuthu	Anna University	2021
15.	G Arun	ECE	Dr C N Marimuthu	Anna University	2017
16.	K R Kannan	ECE	Dr C N Marimuthu	Anna University	2021
17.	E Krishna Kumar	ECE	Dr C N Marimuthu	Anna University	2021

18.	K Shanmugapriya	ECE	Dr C N Marimuthu	Anna University	2021
19.	S Arul Raj	ECE	Dr C N Marimuthu	Anna University	2021
20.	T Jayachandran	ECE	Dr S Kavitha	Anna University	2019
21.	G Pradeepkumar	ECE	Dr S Kavitha	Anna University	2019
22.	G Rathanasabhpathy	ECE	Dr S Kavitha	Anna University	2021
23.	C Vasuki	ECE	Dr S Kavitha	Anna University	2021
24.	R Monica	ECE	Dr S Kavitha	Anna University	2022
25.	S Thangamani	ECE	Dr S Kavitha	Anna University	2022
26.	D Kiruthika	ECE	Dr S Kavitha	Anna University	2022
27.	D Linett Sophia	ECE	Dr S Kavitha	Anna University	2022
28.	T G Subarna	ECE	Dr P Sukumar	Anna University	2017
29.	E K Arul Karthick	ECE	Dr P Sukumar	Anna University	2021
30.	Ravichandran V	ECE	Dr P Sukumar	Anna University	2022
31.	Swaminathan .G	ECE	Dr P Sukumar	Anna University	2022
32.	Pratheeba.C	ECE	Dr P Sukumar	Anna University	2022
33.	K Pradeep kumar	Mechanical	Dr M Easwaramoorthi	Anna University	2021
34.	P Sandhiyadevi	Mechanical	Dr M Easwaramoorthi	Anna University	2021
35.	M Suresh	Mechanical	Dr M Easwaramoorthi	Anna University	2022
36.	M Mohanraju	Mechanical	Dr B Ashok kumar	Anna University	2021
37.	N Viswanathan	Mechanical	Dr B Ashok kumar	Anna University	2022
38.	V Vimala	Mechanical	Dr B Ashok kumar	Anna University	2022
39.	C Sivaraj	Mechanical	Dr B Ashok kumar	Anna University	2022
40.	G Sudharsan	Mechanical	Dr S Magibalan	Anna University	2021

List of Ph.D Scholars Completed Details

S.No.	Name of the Scholar	Enrollment Number	Topic	Supervisor	Research Center	Academic year	Year Count
1.	B.Gobinath	7076042116	Development of Automated diagnosis system for classifying Tumor cells in Multi-stained Crtological Images.	Dr.N.Shanthi	Computer Science Engineering	2013-2014 (Nov' 2013)	1
2.	S.Thilagamani	71040622044	Certain Investigations on Object Segmentation from Natural Image	Dr.N.Shanthi	Computer Science Engineering	2014-2015 (20.6-2014)	5
3.	S.Rathinavel	2004469104	Certain investigation on feature extraction classification and recognition for shoeprint images.	Dr.S.Arumugam	Computer Science Engineering	2014-2015 (10.10.2014)	
4.	J.Senthil	10930921007	Study of automated code generation, generative programming, machine learning in computing and software engineering.	Dr.S.Arumugam	Computer Science Engineering	2014-2015 (31.10.2014)	
5.	K.Jhon Peter	5940	Demosaicking on color filter array images	Dr.S.Arumugam	Computer Science Engineering	2014-2015 (39-9-2014)	
6.	K.Krishneswari	10910622038	A Research study for improving the performance of biometric System based on palmprint and fingerprint	Dr.S.Arumugam	Computer Science Engineering	2014-2015 (9.5.2014)	

7.	J.Ganambigai	10960522005	An energy efficient clustering approach for quadrant based routing in wireless sensor networks.	Dr.N.Rengarajan	Electronics & Communication Engineering	2015-2016	9
8.	P.Suganya	10960422019	Enhanced control schemes for doubly fed induction generators.	Dr.N.Rengarajan	Electronics & Communication Engineering	2015-2016	
9.	M.Somu	7076062144	Enhanced hierarchical cache optimization in internet protocol television network using swarm intelligence algorithms.	Dr.N.Rengarajan	Electronics & Communication Engineering	2015-2016	
10.	P.Arul	20073012002	Application and analysis of intelligent techniques towards optimal power flow problem.	Dr.N.Rengarajan	Electronics & Communication Engineering	2015-2016	
11.	S.Karthikeyan	10960521017	Certain investigation on glaucoma detection in fundus images using hybrid features.	Dr.N.Rengarajan	Electronics & Communication Engineering	2015-2016	
12.	R.P.Ramkumar	7076062129	Iris segmentation methods for images captured under unconstrained environments	Dr.S.Arumugam	Computer Science Engineering	2015-2016 (7.12.2015)	
13.	J.Vijayakumar	7076053123	Certain investigations on betelvine plants disease identification using digital image processing techniques.	Dr.S.Arumugam	Computer Science Engineering	2015-2016 (29.12.2015)	
14.	A.Kirthika	4083062208	Enrichet user authentication with optimized palm print ,Hand geometry and Finger knuckle features using multispectral Hand image Acquisition system	Dr.S.Arumugam	Computer Science Engineering	2015-2016 (12.1.2016)	

15.	V.Latha Jothi	4083062201	Performance analysis of finger print face features matching using agglomerative Multiclustering	Dr.S.Arumugam	Computer Science Engineering	2015-2016 (25.1.2016)	11
16.	B.T.Upendra Roy	20083042006	Design and analysis of storage devices for distributed energy systems.	Dr.N.Rengarajan	Electronics & Communication Engineering	2016-2017	
17.	K.Ganesh Kumar	71160631011	Distributed denial of service attack mitigation.	Dr.N.Rengarajan	Electronics & Communication Engineering	2016-2017	
18.	E.Sasikala	71160632052	Detection of jamming attack in wireless sensor networks using intelligent techniques.	Dr.N.Rengarajan	Electronics & Communication Engineering	2016-2017	
19.	C.Rajan	71060921011	An Improved Multicast Route Selection in MANET using Hybrid Optimization Algorithm.	Dr.N.Shanthi	Computer Science Engineering	2016-2017 (19.8.2016)	
20.	A.Manchula	7073062217	Robust Face and Fingerprint Biometric Fusion in Multimodal Feature Template Matching.	Dr.S.Arumugam	Computer Science Engineering	2016-2017 (7.4.2016)	
21.	A.Kanchana	7076062211	Biometric palmprint texture recognition And pattern matching using morphological Segmentation.	Dr.S.Arumugam	Computer Science Engineering	2016-2017 (21.4.2016)	
22.	J. Stanley Jayaprakash	7076062156	Multi modal finger based biometric security users fusion of Coarse and contour features.	Dr.S.Arumugam	Computer Science Engineering	2016-2017 (6.5.2016)	

23.	A.Chandrasekar	4083062112	A meta heuristic optimized fuzzy approach for fuzzy rule selection in cross layer routing in MANET	Dr.S.Arumugam	Computer Science Engineering	2016-2017 (28.11.2016)	
24.	P.Ravi Kumar	10930521039	Study on development of Amperometric Choline Sensor by using Computational Modeling.	Dr.S.Arumugam	Computer Science Engineering	2016-2017 (2.6.2017)	
25.	P.Saveetha	10930622067	Efficient encryption algorithm to improve the confidentiality in cloud computing.	Dr.S.Arumugam	Computer Science Engineering	2016-2017 (10.4.2017)	
26.	S.Kumar	4083062125	Robust classification of E-mails with machine learning and computational intillegent techniques.	Dr.S.Arumugam	Computer Science Engineering	2016-2017 (19.12.2016)	
27.	C.Siva	40830621610	Investigation on prefix hijacking routing attack analysis and its prevention methodology in border gateway protocol	Dr.S.Arumugam	Computer Science Engineering	2017-2018 (5.6.2017)	1
28.	L.Vigneash	1214469792	Optimization of Motion Estimation Hardware using Novel Algorithmic approach for Video comprssion	Dr.C.N.Marimuthu	Electronics & Communication Engineering	2018-2019 (27-8-2018)	
29.	R. Basheer Mohamed	10900631012	Analysis of DDOS attacks in Wireless Networks based on Evolutionary Computing	Dr.S.Arumugam	Computer Science Engineering	2018-2019 (12.10.2018)	4
30.	P.Ponmurugan	11260431037	Certain Investigations on Machine optimization using Multiple Criterion Decision Making Tools.	Dr.N.Rengarajan	Electronics & Communication Engineering	2018-2019 (28.11.2018)	

31.	S.Usha	11110632031	Certain improvements in MMMOGRAM Classification using Metaheuristic Algorithms	Dr.S.Arumugam	Computer Science Engineering	2018-2019 (10.1.2019)	
32.	K.M.Karthick Raghunath	11250631024	response time optimization in Wireless Sensor Networks for the On Board Critical Applications in Rapid Transit systems	Dr.N.Rengarajan	Electronics & Communication Engineering	2018-2019 (21.06.2019)	
33.	G.Arthy	71110532002	Certain Investigations on multilevel Inverter Topologies to Minimize the Components and its Application in DSTATCOM	Dr.C.N.Marimuthu	Electronics & Communication Engineering	2019-2020 (06-12-2019)	
34.	K. Mahendran	1213469785	Certain Investigations on Dual Edge Triggered Sense Amplifier Flip Flop for low power and High Performance applications	Dr.C.N.Marimuthu	Electronics & Communication Engineering	2019-2020 (26-2-2020)	4
35.	A.Deepa	1223469879	Design of a Generic architecture for Yavadunam - A Vedic Sutra for performing for squaring and Multiplication Operation	Dr.C.N.Marimuthu	Electronics & Communication Engineering	2019-2020 (11-3-2020)	
36.	E.Vani	71060422025	Analysis of Power Converter Topologies to improve the power quality of wind energy conversion system.	Dr.N.Rengarajan	Electronics & Communication Engineering	2020-2021 (25-06-2020)	4

37.	S.Arunkumar	11170331006	Experimental investigation on NiTi SMA development with the effects of Aging process	Dr.P.Kumaravel	Mechanical Engineering	2020-2021 (23-09.2020)
38.	C.Murugesan	1214369726	Cost Optimization of Photo Voltaic Battery Diesel System using Cuckoo Search Methods and its Application for Mobile Towers	Dr.C.N.Marimuthu	Electrical Engineering	2020-2021 (8.1.2021)
39.	M.Umamaheswari.	11260632046	An Efficient Autonomous Underwater Vehicle based Energy Exhaustion reduction technique in underwater Wireless Sensor Networks.	Dr.N.Rengarajan	Electronics & Communication Engineering	2020-2021 (4-03-2021)