

**K.S.R. COLLEGE OF ENGINEERING (AUTONOMOUS), TIRUCHENGODE - 637 215**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**List of Research Scholars Completed PhD**

**No. of Research Scholars Completed PhD: 18**

S.No.	Register No.	Name of the Scholar	Date of Registration	Date of Viva-Voce	University	Title of the Thesis	Name of the Supervisor	Internal/ External	Full/ Part Time
<b>2023-2024</b>									
1	1412469 751	C.Arunprasath	14.07.2014	19.06.2023	Anna university	Design and Performance Improvement of Voltage Deviate - Domino Logic Circuits with Low Noise Tolerance system	Dr.C.Gowri shankar	Internal	Part Time
2	1614369 7135	P.Ravi Kumar	31.01.2018	05.06.2023	Anna university	Performance Analysis of Single - Input Three - Output Non - Isolated DC-DC Converter Topologies for Electric Vehicle Applications	Dr.C.Gowri shankar	Internal	Part Time
<b>2022-2023</b>									
Nil									
<b>2021-2022</b>									
Nil									

2020-2021									
3	1117043 2013	Dr. V.Manjula	17.2.2011	6.10.2020	Anna university	Transient stability constraints optimal power flow using cuckoo search algorithm with artificial intelligence techniques	Dr.A.M.Basha	External	Part Time
4	1126043 1049	Dr M. Senthilkumar	18.1.2012	9.9.2020	Anna university	Performance analysis of transform based invisible color image watermarking with FPGA implementation	Dr.P.S.Periasamy	External	Part Time
5	1126043 1061	Dr M.Vijaykumar	18.1.2012	12.8.2020	Anna university	Minimization in brushless DC motor using intelligent Control techniques	Dr.P.S.Periasamy	internal	Part Time
6	1126053 1086	Dr. A. Velliangiri	18.1.2012	6.10.2020	Anna university	Certain investigations on energy efficient real time embedded system using power management techniques	Dr.P.S.Periasamy	External	Part Time
7	1126053 1073	Mr S.Senthilkumar	18.1.2012	6.10.2020	Anna university	Design and Performance analysis of high speed multiplier for elliptic	Dr.P.S.Periasamy	External	Part Time

						curve cryptographic processor			
<b>2019-2020</b>									
8	1126053 1069	Mr. T. M. Sathish Kumar	18.1.2012	9.12.2019	Anna university	Design of low power all digital phase locked loop architecture using submicron CMOS technology	Dr.P.S.Periasamy	internal	Part Time
9	1126053 1034	Mr P.Mahendran	18.1.2012	25.10.2019	Anna university	Certain investigations on performance analysis of VLSI architecture for arithmetical applications	Dr.P.S.Periasamy	internal	Part Time
10	1126063 1076	B.Vijay Kumar	18.1.2012	30.11.2019	Anna university	Optimal QoS aware reliable and secured data communication in multi hop wireless sensor network	Dr.P.S.Periasamy	internal	Part Time
11	1121063 2016	Mrs S.Kowsalya	18.1.2012	13.12.2019	Anna university	Elephant Herding Optimisation based Tamil Handwritten character Recognition using extreme learning machine neural network	Dr.P.S.Periasamy	External	Part Time
12	1428469 906	Mrs.U.Nilabar nisha	23.6.2014	30.8.2019	Anna university	Enhancing Intrusion Tolerance and Reliability in HWSN	Dr.A.M.Basha	External	Part Time

2018-2019									
13	1126053 1056	Dr.L.Raja	18.01.2012	10.09.2018	Anna university	Design and Performance Evalaution of Secured Authentication Routing in Mobile Adhoc Networks	Dr.P.S.Periasamy	internal	Part Time
14	1417469 861	P.Sivakumar	27.06.2014	30.11.2018	Anna university	Certain Investigations on Congestion control and Retransmission Timer Optimization for Mobile Adhoc Network using Transmission Protocol	Dr.A.M.Basha	internal	Part Time
15	1121053 1067	Mr.R.SatheesK umar	18.01.2012	02.11.2018	Anna university	Performance Improvement Using Re-Route Identification in Wireless Mesh Network	Dr.P.S.Periasamy	internal	Part Time
16	1414469 859	Mr.S.Velmurug an	06.06.2014	29.04.2019	Anna university	A Robust Analysis of Data Signal Processing in ECG using Gabor Wavelet Transform and Amplitude Zone Time EPPO Coding	Dr.A.M.Basha	internal	Part Time
17	1424469	R.Poornima	14.12.2013	25.02.2019	Anna	Development o f	Dr.A.M.Basha	internal	Part

	194				university	High performance MIMO detection algorithms for next generation communication systems			Time
<b>2017-2018</b>									
<b>18</b>	1412469 208	A.M.Viswa Bharathy		25.09.2017	Anna University	A Multiclass Assortment Based Hybrid IDS Using Clustering Coupled Optimization Approach	Dr.A.M.Basha	internal	Part Time