



# SRI RAMAKRISHNA ENGINEERING COLLEGE

[Educational Service: SNR Sons Charitable Trust]

[Autonomous Institution, Accredited by NAAC with 'A' Grade]

[Approved by AICTE and Permanently Affiliated to Anna University, Chennai]

[ISO 9001:2015 Certified and all eligible programmes Accredited by NBA]

VATTAMALAIPALAYAM, N.G.G.O. COLONY POST, COIMBATORE – 641 022



**Department:** Electronics and Communication Engineering

**Date:** 07.04.2021

S.No	Name of the Supervisor with designation	Name of the PhD scholar	Unique ID	Date of Enrolment	Part Time/Full Time	Title of the Research
1.	Dr.M.Jagadeeswari Professor & Head	Mr.S.Karthikeyan (External Candidate)	1313469318	17.12.2012	Part Time	Low power area efficient Digital Logic Circuit using reversible logic
2.	Dr.S.Jayanthy Professor	Mr.A.Arunraja	1614469353	22.03.2016	Part Time	Development of power reduction techniques for VLSI circuits
3.		Ms.K.Saranya (External Candidate)	16244697427	08.07.2016	Part Time	Development of an efficient algorithm for data mining in artificial intelligence
4.		Mr.E.Esaakki Vigneshwaran	17143691180	22.12.2016	Part Time	Development of IOT architecture model for energy management systems
5.		Mr.JJudson Antony Kovilpillai	18143697151	13.06.2018	Part Time	Optimization approaches for efficient control and communication cyber physical systems
6.		Mr.A.Bharanidharan	19144697220	25.07.2019	Part Time	Analysis on vulnerabilities for securing systems by dynamically monitoring the processing patterns of operating environment
7.		Mrs.B.Kalaimathi	21244691346	22.01.2021	Part Time	Development of architecture models for energy efficiency in VLSI circuits
8.		Mrs.S.Srinitha	21244691554	15.02.2021	Part Time	Machine learning techniques for power reduction in VLSI circuits
9.		Dr.N.Sathish Kumar Professor	Mr.R.Gowrishankar (External Candidate)	1514469979	25.06.2015	Part Time
10.	Ms.S.Kokilavani (External Candidate)		1624369216	03.09.2019	Part Time	Investigation of novel secure and power efficient data aggregation techniques for

						hierarchical wireless sensor networks
11.		Mr.V.Muralidharan (External Candidate)	1513469929	02.07.2015	Part Time	Power and area efficiency of a high-speed adder for multiplier design
12.		Mr.P.T.Sivagurunathan (External Candidate)	17144691249	26.12.2016	Part Time	Recent investigation on CDMA spectrum access
13.		Mr.C.K.Morarji (External Candidate)	18144691502	18.12.2017	Part Time	Recent investigation on estimation of stability and accuracy of wireless actuator networks by artificial neural networks
14.		Mr.P.Ramakrishnan (External Candidate)	17124691255	30.12.2016	Part Time	Recent investigation on MIMO OFDM to reduce PAPR
15.	Dr.G.Gopu Professor	Mrs.R.Rajeswari (External Candidate)	17244691497	27.02.2017	Part Time	Investigation of medical ultrasound probes for real time issue elastography
16.		Mrs.T.Anitha	17233691236	01.02.2017	Part Time	Development of advanced control techniques to biomedical application
17.	Dr.S.P.Vimal Associate Professor	Mrs.T.Sivaranjani (External Candidate)	1624469333	06.02.2016	Part Time	Implementation of advanced measurement techniques to reduce the soil pollution during fertigation
18.		Mr.R.Ramachandran (External Candidate)	17133697149	23.06.2017	Part Time	System on chip for wireless communication
19.		Mr.P.Ramu (External Candidate)	18124691236	12.12.2017	Part Time	Design and implementation of efficient VLSI architecture for wireless communication systems
20.		Mr.R.Karthi Kumar (External Candidate)	18144691137	19.12.2017	Part Time	VLSI implementation of DSP algorithms using vedic mathematics
21.	Dr.B.Nataraj Associate Professor	Ms.R.Ramya	21244691550	01.02.2021	Part Time	Wide band pass filter for wireless communication