



# 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:** 07.08.2021

## INTERNAL PART TIME RESEARCH SCHOLARS

S.No	Name of the Supervisor with designation	Name of the PhD scholar	Unique ID	Date of Enrolment	Title of the Research
1.	Dr.S.Jayanthy Professor	Mr.A.Arunraja	1614469353	22.03.2016	Development of power reduction techniques for VLSI circuits
2.		Mr.E.EsaakkiVigneshwaran	17143691180	22.12.2016	Development of IOT architecture model for energy management systems
3.		Mr.JJudeson Antony Kovilpillai	18143697151	13.06.2018	Optimization approaches for efficient control and communication cyber physical systems
4.		Mr.A.Bharanidharan	19144697220	25.07.2019	Analysis on vulnerabilities for securing systems by dynamically monitoring the processing patterns of operating environment
5.		Mrs.B.Kalaimathi	21244691346	22.01.2021	Development of architecture models for energy efficiency in VLSI circuits
6.		Mrs.S.Srinitha	21244691554	15.02.2021	Machine learning techniques for power reduction in VLSI circuits
7.	Dr.G.Gopu Professor	Mrs.T.Anitha	17233691236	01.02.2017	Development of advanced control techniques to biomedical application
8.	Dr.B.Nataraj Associate Professor	Ms.R.Ramya	21244691550	01.02.2021	Wide band pass filter for wireless communication

## EXTERNAL PART TIME RESEARCH SCHOLARS

S.No	Name of the Supervisor with designation	Name of the PhD scholar	Unique ID	Date of Enrolment	Title of the Research	
1.	Dr.M.Jagadeeswari Professor & Head	Mr.S.Karthikeyan	1313469318	17.12.2012	Low power area efficient Digital Logic Circuit using reversible logic	
2.		Ms.K.Saranya	16244697427	08.07.2016	Development of an efficient algorithm for data mining in artificial intelligence	
3.	Dr.N.Sathish Kumar Professor	Mr.R.Gowrishankar	1514469979	25.06.2015	Design and implementation of ALU using modified novel bit adder in QCA	
4.		Ms.S.Kokilavani	1624369216	03.09.2019	Investigation of novel secure and power efficient data aggregation techniques for hierarchical wireless sensor networks	
5.		Mr.V.Muralidharan	1513469929	02.07.2015	Power and area efficiency of a high-speed adder for multiplier design	
6.		Mr.P.T.Sivagurunathan	17144691249	26.12.2016	Recent investigation on CDMA spectrum access	
7.		Mr.C.K.Morarji	18144691502	18.12.2017	Recent investigation on estimation of stability and accuracy of wireless actuator networks by artificial neural networks	
8.		Mr.P.Ramakrishnan	17124691255	30.12.2016	Recent investigation on MIMO OFDM to reduce PAPR	
9.		Dr.G.Gopu Professor	Mrs.R.Rajeswari	17244691497	27.02.2017	Investigation of medical ultrasound probes for real time tissue elastography
10.		Dr.S.P.Vimal Associate Professor	Mrs.T.Sivaranjani	1624469333	06.02.2016	Implementation of advanced measurement techniques to reduce the soil pollution during fertigation
11.	Mr.R.Ramachandran		17133697149	23.06.2017	System on chip for wireless communication	
12.	Mr.P.Ramu		18124691236	12.12.2017	Design and implementation of efficient VLSI architecture for wireless communication systems	
13.	Mr.R.Karthi Kumar		18144691137	19.12.2017	VLSI implementation of DSP algorithms using vedic mathematics	

