



K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE - 637215

An Autonomous Institution

(Approved by AICTE, New Delhi, affiliated to Anna University &

Accredited by NAAC (A++) & NBA)

K.S.R. Kalvi Nagar, Tiruchengode – 637 215.

Namakkal District, Tamil Nadu.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PH.D PURSUING DETAILS

ACADEMIC YEAR 2024 – 2025

S. No.	Register No.	Name of the Scholar	Date of Registration	University	Tentative Title	Name of the Supervisor	Internal/ External	Full/Part Time	Status with Date
1.	1624499398	J.P. Jannet Gnana Shirely	05.02.2016	Anna university	Design and Analysis of Multiband BPF with Simultaneous Sixe Reduction and Spurious Response Supression	Dr.P.S.Periasamy	External	Full Time	Synopsis submitted
2.	18134697264	R.Veeramani	20.06.2018	Anna university	Multiband micro strip MIMO antenna for LTE and microwave imaging applications	Dr.P.S.Periasamy	Internal	Part Time	Confirmation completed
3.	18147691139	A.Yoganathan	28.02.2022	Anna university	VOLT and media communication	Dr.P.S.Periasamy	Internal	Part Time	Synopsis submitted
4.	21144991547	S.Surenderanath	16.02.2021	Anna University	Soft Computing Techniques and applications in Electrical Drives	Dr.P.S.Periasamy	External	Part Time	Confirmation completed
5.	21244691330	D.Pushgara Rani	11.02.2021	Anna university	Risk assessment in atherosclerosis using image processing	Dr.P.S.Periasamy	External	Part Time	Confirmation completed
6.	23147697161	N.Prakash	10.08.2023	Anna University	An energy efficient clustered routing in wireless sensors networks based on energy consumption optimization	Dr.P.S.Periasamy	Internal	Part Time	Course work
7.	23149697281	J.Ramesh kumar	25.08.2023	Anna university	Feature based pattern detection	Dr.P.S.Periasamy	Internal	Part Time	Course work
8.	25249691106	R.Sowmiya	03.02.2025	Anna university	Optimizing Camera Coverage for Exam Surveillance System	Dr.P.S.Periasamy	Internal	Part Time	Course work

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9.	1424469856	S.Dhanalakshmi	28.06.2014	Anna University	Dual fault detection using reversible logic circuits in QCA	Dr.C.Gowri Shankar	External	Part Time	Synopsis submitted
10.	1614469175	P.Santhosh Kumar	16.02.2016	Anna University	Design of Vedic multipliers	Dr.C.Gowri Shankar	External	Part Time	Thesis submitted
11.	23243697205	D.Gowthami	08.08.2023	Anna university	Development of a Computational Framework for Digital Image Preprocessing and Image Analysis Based on Characteristic Features	Dr.C.Gowri shankar	Internal	Part Time	Course work
12.	24149691116	M.Jothimani	21.12.2023	Anna university	Development of Image Preprocessing and Analysis System Using Machine Learning Algorithms	Dr.C.Gowri shankar	Internal	Part Time	Course work
13.	24129691126	K.Karuppanasamy	22.12.2023	Anna university	Enhancing Visual Quality in Digital Images Through Interdisciplinary Learning Based Approaches	Dr.C.Gowri shankar	Internal	Part Time	Course work
14.	24249697220	P.Usha	12.07.2024	Anna university	Compact SIW Based MIMO Antennas for 5G Sub GHz Applications	Dr.C.Gowri shankar	Internal	Part Time	Course work
15.	25149691140	M M Arun Prasath	30.01.2025	Anna university	IoT-Based Intelligent Image Processing System for Healthcare and Surveillance Applications using Embedded Systems	Dr.C.Gowri shankar	Internal	Part Time	Course work
16.	17124697697	Mr.P.Nirmal kumar	12.07.2017	Anna university	Designing a Video Multicasting Over Wireless Networks	Dr.S.Karthikeyan	External	Part Time	Course work completed
17.	23149697188	S.Arunkumar	25.08.2023	Anna university	Performance Analysis of SWIPT and Power Transfer scheme for SR-DCSK communications systems	Dr.S.Karthikeyan	External	Part Time	Course work
18.	24129697284	P.Sivasankar Rajamani	16.07.2024	Anna university	Design A Gray Code using Transistor Level Gate Length Biasing (Tllb) Fin-Fet Technology for Low Power Integrated Circuits	Dr.S.Karthikeyan	Internal	Part Time	Course work

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19.	24149691154	S.Krishnakumar	21.12.2023	Anna university	PLN based Data Processing and Poly Device Management System	Dr.T.M.Sathish Kumar	Internal	Part Time	Course work
20.	24244691497	M.Sasipriya	22.12.2023	Anna university	Intrusion Detection for Asymmetric Network Traffic using Machine Learning Algorithm	Dr.T.M.Sathish Kumar	Internal	Part Time	Course work
21.	24134691599	T.Sathish Kumar	29.01.2024	Anna university	Identification, Vulnerability Research and Cybersecurity of Raspberry PI Devices	Dr.T.M.Sathish Kumar	Internal	Part Time	Course work
22.	24244697282	S.Suruthi	13.07.2024	Anna university	Brain Tumor Detection using Magnetic Resonance Images with Deep Learning Models	Dr.T.M.Sathish Kumar	Internal	Part Time	Course work
23.	24124697534	M.Kirubhakaran	16.07.2024	Anna university	AI Empowered IoT-based Obstacle Avoidance Strategies for Autonomous Toy Car Navigation	Dr.T.M.Sathish Kumar	External	Part Time	Course work



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PH. D PURSUING DETAILS UNDER OTHER CENTRE

ACADEMIC YEAR 2024 – 2025

S.No.	Register No.	Name of the Scholar	Date of Registration	University	Tentative Title	Name of the Supervisor	Internal/ External	Full/Part Time	Status with Date
1.	21234691585	S.Sridevi	27.01.2021	Anna University	Performance analysis of MIMO systems employing adaptive generalized spatial modulation	Dr.A.Rajiv Kannan	Internal	Part time	Confirmation completed
2.	23244691135	V.Sindhuja	22.02.2023	Anna University	Smart Monitoring of Crops: Precision Farming With AI	Dr.C.Rajasekaran	Internal	Part Time	Course Work
3.	24139697165	T.Marthandan	31.07.2024	Anna University	Embedded & IoT-Cloud-Based Smart Healthcare Monitoring System for Prediction of Fatal Diseases Using ML Algorithms	Dr.P.Veena	Internal	Part Time	Course Work