



Hindusthan College of Engineering and Technology

An Autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
Accredited by NBA (AERO, AUTO, CIVIL, CSE, ECE, EEE, IT, MECH, MECHATRONICS)

Accredited by NAAC with 'A++' Grade, An ISO Certified Institution

Valley Campus, Coimbatore - 641 032, Tamilnadu, INDIA

Tel: +91 422 4242424

www.hicet.ac.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Anna University Recognized Supervisor List

S. No.	Name of the Supervisor	Supervisor Reference No.	Area of Specialization	No of Scholars Pursuing PhD	No of Scholars Completed PhD
1.	Dr. Jaya J Professor & Principal	2940123	Image and Signal Processing, Embedded Systems, VLSI Design, Communication Systems	9	4
2.	Dr. Vijayalakshmi P Professor & HoD	2740066	Wireless Networks, VLSI Design, Digital Image Processing, Communication Networks	6	4



P. Hayla

HOD

Dr. P. VIJAYALAKSHMI, M.E., Ph.D.

Professor & HOD

Dept. of Electronics & Communication Engg.
Hindusthan College of Engineering & Technology
Coimbatore - 641 032



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

LIST OF PH. D SCHOLARS COMPLETED IN THE DEPARTMENT

S. No.	Name of the Supervisor	Scholar Details	Year of Admission	Title of the Thesis	Date of Viva voce	Supervisor/Joint Supervisor/ Research Coordinator
1.	Dr. Jaya J Professor & Principal	Sampath Kumar S	July 2011	Development of Soft Computing Controllers for Direct Torque-Controlled Induction Motor Drive	11.11.2020	Joint Supervisor
2.		Vignesh Kumar V	July 2015	Certain Investigations on Intelligent Irrigation System using Machine Learning for Uncertain Condition	30.11.2022	Joint Supervisor
3.		Nisi K	July 2016	Studies on Various Applications using Multi Objective Optimization Approaches for Tuning PID Controllers	11.07.2022	Research Coordinator
4.		Ajay.P	Jan 2018	Studies on Optimization Algorithms for Energy Efficient Wireless Communication Networks	15.03.2022	Joint Supervisor
5.	Dr. Vijayalakshmi P Professor & HoD	Ramya J	July 2012	Certain Investigations on Seismic Image Denoising and Hydrocarbon Reservoir Interpretation	15.09.2020	Joint Supervisor



6.	Dr. Vijayalakshmi P Professor & HoD	Duraivel A N	July 2017	Data Path Elements Design in 15nm FINFET Technology using Self-Controllable Voltage Level Technique	11.11.2022	Research Coordinator
7.		Reyana A	Jul 2017	Certain Investigations on Multisensor Fusion Techniques for Condition Based Environment Monitoring System	28.04.2023	Supervisor
8.		Anadhababu Gopatoti	Jan 2021	Certain Investigations on Semantic Segmentation and Performance Analysis of Deep Convolutional Neural Networks for COVID-19 using Chest X-ray Images	24.01.2024	Supervisor
9.		Ramya S	Jan 2017	Defected Ground Structure Multiple Input -Output Antenna for Wireless Applications	01.02.2024	Supervisor
10.		Gnanakumari R	Jul 2017	Analysis of Online Social Networks Using Deep Learning for Virtual Community Formation based on User Behaviour	29.04.2024	Supervisor




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Dr. P. VIJAYALAKSHMI, M.E., Ph.D.
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S. No.	Name of the Supervisor	Scholar Details	Register number	Year of Admission	Title of the Thesis	Status	Supervisor/ Joint Supervisor
1.	Dr. Jaya J Professor & Principal	Vidhyasekar A	22144691442	Jan 2022	An Optimized Low Power VLSI Architecture for Implementation of Speech and Emotion Recognition Systems on FPGA	Confirmation Completed	Supervisor
2.		Bavithra R	21244697649	Jul 2021	A Performance Analysis of wireless Network for IoT Based Smart Application	Confirmation Completed	Supervisor
3.		Boobalan T	20143691166	Jan 2020	A Certain Investigation on Design Monitoring of Vital Parameters of Hygiene System for Domestic and Industrial using Internet of Things	Course Work Completed	Supervisor
4.		Abdul Hayum A	19184697279	Jul 2019	Real Time Human Vital Diagnosis System with Image Processing MATLAB	Confirmation Completed	Supervisor




5.	Dr. Jaya J Professor & Principal	Sasi.A	18144697147	Jul 2018	Employing Mathematical optimization using Hybrid Deep Learning in Smart Beam Forming for 5G Network with IEEE 802.11ac	Confirmation Completed	Supervisor
6.		Dharanika T	18244697182	Jul 2018	Testing VLSI Design using Soft Computing Techniques	Confirmation Completed	Supervisor
7.		Premanathan G	1612469256	Jan 2016	Soft Computing and its Application in Biomedical	Synopsis Submitted	Joint Supervisor
8.		Nagarajan D	1614369181	Jan 2016	Control Scheme for Switched Reluctance Motor	Confirmation Completed	Joint Supervisor
9.		Agalya A	1624369174	Jan 2016	Soft Computing based Controller Design for Industrial Process	Confirmation Completed	Joint Supervisor
10.	Dr. Vijayalakshmi P Professor & HoD	Gayathri R	22254691221	Jan 2022	Facial Feeling Acknowledgment Utilizing Convolution Neural Organization	Confirmation Completed	Supervisor



11.	Dr. Vijayalakshmi P Professor & HoD	Suseendaran S	21174697153	July 2021	A Deep Learning Approach Digital Twin Health Care (DTTH) for Disease Diagnosis and Treatment	Confirmation Completed	Supervisor
12.		Sivakami K	18244697274	July 2018	Investigation on Energy Efficient Routing and Secured Data Transmission Using Optimization algorithms for IOT Based WSN	Thesis Submitted	Supervisor
13.		Vinoth Kumar V	18144691358	Jan 2018	Energy Efficient Cluster Based Routing Protocol for Underwater Wireless Sensor Networks with Mobile Sinks	Confirmation Completed	Supervisor




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