



Ph.D Graduated Details

S. No	Graduated Departments	No of PhD Scholars Graduated
01	Electrical and Electronics Engineering	32
02	Mechanical Engineering	25
03	Aeronautical Engineering	01
04	M.Tech Computer Science	02
05	Computer Science Engineering	12
06	Electronics and Communication Engineering	16
07	Electronics and Instrumentation Engineering	13
08	M Tech Nanoscience and Technology	09
09	Mathematics	14
10	Physics	06
11	Chemistry	02
12	Master of Business Administration	05
13	Information Technology	04
Total		141

DEPARTMENT WISE SUPERVISOR LIST WITH EXPERTISE

S.No.	Supervis or Ref. No.	Name of the Supervisor	Area of Specialization	E-Mail
Department of Computer Science and Engineering				
1.	2840014	Geetha Devasena M S	Software Engineering and Testing, Computational Intelligence, High Performance Computing, Machine Learning, Deep Learning	msgeetha@srec.ac.in
2.	4140001	Madhumathi R	Cloud Computing, Internet of Things, Artificial Intelligence, Data Analytics, Quantum Computing	madhumathi.r@srec.ac.in
3.	2740090	Mathiyalagan P	Data Mining, Computer Networks, Distributed System, Image Processing	p_mathi2001@yahoo.co.in
Department of Electronics and Communication Engineering				
4.	2740110	Mangalam H	VLSI Design, Communication, Image processing, QCA technology	hmangalam2@gmail.com
5.	2530048	Jayanthi S	VLSI Design and Testing, AI/ML, Embedded systems and IOT, Communication, Security.	sjayanthiabi@gmail.com
6.	2830003	Gopu G	Health Care, Biomedical, Image Processing, IoT, Instrumentation	gopu.govindasamy@srec.ac.in
7.	2840041	Nataraj B	RF Communication, Wireless Communication and Networks, VLSI Signal and Image Processing, IoT, AI/ML	bnatarajpillai@gmail.com
8.	4590014	Sathishkumar B R	Wireless Communication, Wireless Sensor Networks, VLSI Signal Processing, Antennas, Embedded Systems and IoT	sathishkumarbr23@gmail.com
9.	2840151	Vimal S.P	Applied electronics, Information and Communication Engineering, Embedded systems and IoT, Deep Learning, Sensors and systems	srecdoc@gmail.com
10.	3640004	Prabha K R	Image Processing, AI/ML, Embedded Systems and IoT, Wireless Communication, VLSI Signal Processing	prabhakr06@gmail.com
11.	4140052	Lakshmi Narayanan S	Image Processing, Signal Processing, Wireless Communication, Computer Networks	shrinarayanan20@gmail.com
12.	4490002	Kasiselvanathan M	Electronics & Communication, Optimization Techniques, Machine Learning, Information Technology, Electric Vehicles	drkasiselvanathanvkm@gmail.com
Department of Electrical and Electronics Engineering				
13.	2130227	Soundarrajan A	Applied Electronics, Embedded systems, Soft Computing, Intelligent Automation Systems, Cybersecurity and data analytics	soundaa@yahoo.com

DEPARTMENT WISE SUPERVISOR LIST WITH EXPERTISE

S.No.	Supervis or Ref. No.	Name of the Supervisor	Area of Specialization	E-Mail
14.	2930031	Allirani S	Electrical Machine Design, Finite Element Analysis, Electric Drives and Control, Electric Vehicle Prediction Algorithms, Soft Computing Techniques	allirani.saminathan@srec.ac.in
15.	2930041	Sakthivel A	Control Techniques for Power Converters, Power Electronics Applications to Power System, Signal Processing Applications, Soft computing Techniques	ersakthi@gmail.com
16.	2730023	Sebastirani K	Power Electronics and Drives, Power Quality, Soft Computing techniques, Control Systems, Electric Vehicles	sebasthirani.kathalingam@srec.ac.in
17.	4630023	Krishnakumar R	Renewable Energy, Power System Reliability, Optimization Techniques, Electric Vehicles	krisugan@gmail.com
Department of Mechanical Engineering				
18.	2720044	Karuppuswamy P	Manufacturing, Machining, Maintenance, Materials Engineering	pkaruppuswamy_cbe@rediffmail.com
19.	3320021	Bhagyanathan C	Materials, Welding, Coatings, Manufacturing	satish21_2000@yahoo.com
20.	2420556	Yoganandh J	Tribology, Surface Engineering, Welding	jyogan@gmail.com
21.	2720053	Gunasekar N	Renewable Energy, Thermal Engineering, Solar Energy	ngunaa@gmail.com
22.	4520026	Velmurugan T	Friction Stir Process, Engineering Design, Mechanical Engineering, Composites	mechmurugan@gmail.com
23.	4120163	Brailson Mansingh B	Thermal Management, Polymer Composites, Natural Fiber, Filler Material	sweetbrailson@gmail.com
24.	4320005	Vadivel A	Internal Combustion Engine, Biofuels, Thermal Barrier Coating, Thermal Engineering	vel.samuraay@gmail.com
25.	4420020	Omprakasam S	Welding Technology, Metallurgy, Composite Materials, Optimization Techniques	somprakasam@gmail.com
26.	4720011	Raghu R	Additive Manufacturing, Materials Science, Metallurgy, Mechanical Engineering	messiraghu.777@gmail.com

DEPARTMENT WISE SUPERVISOR LIST WITH EXPERTISE

S.No.	Supervis or Ref. No.	Name of the Supervisor	Area of Specialization	E-Mail
Department of Information Technology				
27.	4140158	Kalaiaarasu M	Data Mining, Machine Learning	kalaischolar@gmail.com
Department of Electrical and Instrumentation Engineering				
28.	2630004	Shanmugasundara m R	Power Electronics, Drives and Control, Intelligent Control, Control System, Adaptive Control	rss_is@yahoo.com
29.	2930057	Sharmila B	Image Processing, Control systems, Intelligent system design, Modelling, Sensors and Measurements	sharmila.rajesh@srec.ac.in
30.	2930015	Rukkumani V	Sensors and IoT, VLSI Design, Instrumentation, Low power VLSI, Data acquisition	rukkumani.v@srec.ac.in
31.	3940005	Devasena D	Process control and Automation, Sensor Fabrication, AI Based Image Processing, Signal and image processing, Sensors and Instrumentation	devasena.mohan@srec.ac.in
32.	4530006	Nagarajapandian M	Industrial Process control Controller Design, Optimal control, Optimization Techniques, Machine learning, Sensors and Instrumentation	nagarajapandian.m@srec.ac.in
Department of Biomedical Engineering				
33.	2340306	Sathish Kumar N	Wireless communication, Biomedical Instrumentation, Signal processing, RF Antenna design, Health care	nsk20022002@gmail.com
34.	4290018	Radhika V	Embedded system, VLSI, Artificial intelligence, Health care, Instrumentation	radhika.senthil@srec.ac.in
35.	3950005	Deepa Prabhu B	Biomaterials, Nanomaterials, Medical Instrumentation, Health care, Electronic sensing system	deepa.b@srec.ac.in
36.	4350013	Vishnu Vardhan Palem	Energy storage conversion, Batteries, Supercapacitors, Nanofluids, Bioinformatics	vishnuvardhan.p@srec.ac.in
Department of Aeronautical Engineering				
37.	8620056	Chandra Mohan P	Materials Processing, Manufacturing, Aeronautical, Fluid Mechanics, Heat Transfer	pcmohu@yahoo.co.in

DEPARTMENT WISE SUPERVISOR LIST WITH EXPERTISE

S.No.	Supervis or Ref. No.	Name of the Supervisor	Area of Specialization	E-Mail
38.	4220031	Thomas Renald C J	Thermal, Energy, Shock Waves, Propulsion	phdthomas2013@gmail.com
Department of Civil Engineering				
39.	3010008	Hema S	Water Quality, Wastewater Management, Solid waste, Air Pollution Control	hemaenvironment@gmail.com
40.	2710010	Kanchana S	Industrial Wastewater Treatment, Construction Safety, Environmental Engineering	kash10304@gmail.com
Department of Robotics and Automation				
41.	2320261	Murugarajan A	Manufacturing and Metrology Material Processing Optimization and Machine Tools	murugarajan@srec.ac.in
42.	4020056	Sudhakar R	Mechanical Engineering, Mechatronics, Robotics, Industrial Automation	sudhakarr1983@yahoo.co.in
Department of Artificial Intelligence and Data Science				
43.	2740102	Karpagam V	Artificial Intelligence, Computer Vision, Cyber Security, Information retrieval, Responsible AI	karpagam11@yahoo.com
44.	4140010	Anitha J	Data Mining, Machine Learning, Image Processing, Deep Learning	aniprahal@gmail.com
45.	3940017	Kingsy Grace R	IoT and Cloud Computing, High Performance Computing, Machine Learning, Air Pollution Monitoring	kingsyhas@gmail.com
Department of M.Tech in Computer Science and Engineering				
46.	2840059	Grace Selvarani A	Medical Image Processing, Image Processing, Cloud Computing, Software Engineering	graceselvarania@gmail.com
47.	3140048	Anuradha R	Machine Learning, Fuzzy Logic, Data Mining, Artificial Intelligence	anuradha.r@srec.ac.in
Department of MBA				
48.	2880036	Krishnaprabha S	Finance, Marketing, HR, Business Analytics	skprabha15@gmail.com
49.	2780011	Mary Metilda R	Marketing, HR, Operations and Finance	metilda@srec.ac.in

DEPARTMENT WISE SUPERVISOR LIST WITH EXPERTISE

S.No.	Supervis or Ref. No.	Name of the Supervisor	Area of Specialization	E-Mail
Department of Mathematics				
50.	4070006	Gopalakrishnan N	Neural Networks, Stability Theory, Differential Equations, Stochastic Systems	gopukannan.016@gmail.com
51.	4070003	Indhumathy D	Stochastic Processes, Probability and Queuing Theory, Differential Equations, Graph Theory, Fuzzy Logic	sundaram0313@gmail.com
52.	2370308	Maheswari Naik P	Operator Theory, Graph Theory, Topology	maheswarinaik21@gmail.com
53.	3470035	Sukkiramathi K	Stochastic Processes, Graph theory, Operator theory, Fuzzy logic	sukramathi@gmail.com
54.	3970010	Tharanidharan V	Control Theory, Mathematical Modelling, Differential Equations, Computational Methods, Optimization Techniques	tharanidharan87@gmail.com
Department of Physics				
55.	2770087	Krishnappa M R M	Thin Films, Materials Science, Nano Technology, Spectroscopy	ramaiah.krishnappa@srec.ac.in
56.	2470103	Deivanayaki S	Conducting Polymers, Nano Composites, Thin Films, Solar Cell Applications	deivasrinath@gmail.com
57.	2970119	Chitra M	Gas Sensors, Nanomaterials, Supercapacitors	mbchitramuthu@gmail.com
58.	4170065	Vasanthapriya R	Semiconducting Metal oxide, Nanomaterials, Gas Sensors, Super capacitors, Solar Cells	vasanthapriya.rengarajan@srec.ac.in
59.	4170007	Leggins A	Nanotechnology, Soft Matter Physics, Physicochemical Mechanisms, Biomaterials, Waste management system	leggins@srec.ac.in
Department of Chemistry				
60.	2870112	Suresh J	Bionanomaterials, Greener Synthesis, Biosynthesis, Nanoparticles	jsur2020@gmail.com
61.	2270570	Selladurai M	Polymer Chemistry, Organic Chemistry, High Performance Polymers	sellachem@gmail.com
62.	4170027	Hariganesh S	Chemistry Photocatalysis Nanochemistry Metalorganic Framework Copper Spinels	sethig.472@gmail.com
63.	3570006	Abarna B	Nanomaterials, Semiconductor Metal Oxides, Photocatalysis, Biomaterials	abarnachem@gmail.com



LIST OF SCHOLARS

S. No	Register No	Name of the Ph.D Scholar	Name of the department	Name of the Guide	Year of Registration	Title of thesis
1	17254697539	Ms. J. S. Shanithini	Mtech CSE	Dr. A. Grace Selvarani	June, 2017	Investigations of Deep Learning and Machine Learning in Visualizing Data
2	23234697279	Mrs. M. Shanthini	Mtech CSE	Dr. A. Grace Selvarani	July, 2023	Intelligible pap-Smear Image Retrieval For early Cervical Cancer detection
3	21244697413	Ms.S. Ezhilin Freeda	Mtech CSE	Dr. A. Grace Selvarani	Oct, 2021	Identification and Early Prediction of Parkinson's Disease Using Deep Learning
4	21224697417	Ms. P. Sugantha Priyadharshini	Mtech CSE	Dr. A. Grace Selvarani	Oct, 2021	Multimodal Face-Gait Biometric Fusion Using Deep Learning
5	21244697423	Ms. S. Birundha	Mtech CSE	Dr. A. Grace Selvarani	Oct, 2021	Prognostics of Ideopathic Macular Hole Using Deep Learning Model
6	21224697179	Ms. T. Nithya Shree	Mtech CSE	Dr. A. Grace Selvarani	Sep , 2021	Virtual Reality For Training Abduction Prevention Skills for Children with Developmental Disabilities
7	21274691278	Ms. A. Shanmugapriya	Mtech CSE	Dr. A. Grace Selvarani	Jan, 2021	Human Emotion Classification Using Brain Waves and facial Image Analysis
8	18244691173	Mrs. M. Sri Geetha	Mtech CSE	Dr. A. Grace Selvarani	Dec , 2017	Deep Learning in Medical Applications
9	22253697132	Mrs. Lidiya Babu	Computer Science Engineering	Dr. P. Mathiyalagan	June, 2022	An Adaptive Machine Learning Technology For Lung Cancer Detection Using Image Processing
10	24244691386	Mrs. A. Mahalakshmi	Computer Science Engineering	Dr. P. Mathiyalagan	Dec,2023	Handling reverse link failure in wireless mesh access network of heterogeneous mobile AD Hoc network
11	25144691162	Mr. Suresh kumar P	Computer Science Engineering	Dr. P. Mathiyalagan	Jan, 2025	An investigation on energy efficient strategies for load balancing in cloud computing
12	19244697197	Mrs. G. Rathi	Mtech CSE	Dr. R. Anuradha	July, 2019	Brain Science-Cognitive And Computational Neuroscience

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S. No	Register No	Name of the Ph.D Scholar	Name of the department	Name of the Guide	Year of Registration	Title of thesis
13	21244697348	Ms. P. Divya	Mtech CSE	Dr. R. Anuradha	Sep , 2021	Lung Cancer Prediction Using Augmented Reality Combined with Artificial Intelligence Techniques
14	21234691125	Ms. S. Prince Sahaya Brighty	Mtech CSE	Dr. R. Anuradha	Jan, 2021	Organization of Multivariate Data and Finding Similarities , Behavioral changes in Point Cloud
15	21244691370	Ms. K. Priyadarsini	Mtech CSE	Dr. R. Anuradha	Jan, 2021	An Automated Method to analyse The Energy Level of Human Body Using Kirlian Images and Machine Learning Techniques
16	22284697125	Ms. S. Reshma Sultana	Mtech CSE	Dr. R. Anuradha	Feb, 2022	AI Powered Load Balanced Computation and Task offloading technique for Mobile Edge Computing (MEC) Networks
17	21144691139	Mr. Krishna Kumar.V	Computer Science Engineering	Dr. M. S. Geetha Devasena	Jan, 2021	Predictive Analytics on Progression of Alzheimer Disease Using Deep Learning
18	17134691468	Mr. R. Rajan	Computer Science Engineering	Dr. M. S. Geetha Devasena	Dec, 2016	Pervasive Intelligence Through Computing with Words for Realizing an Automated Environment
19	21154697205	Mr. R. Selvaraj	Computer Science Engineering	Dr. M. S. Geetha Devasena	Sep , 2021	Yield Improvising of Crop In Specific Region Using Soft Computing Techniques
20	22144691237	Mr. T. Satheesh	Computer Science Engineering	Dr. M. S. Geetha Devasena	Feb, 2022	Cassava Plant Disease Detection and Classification using Deep Learning
21	21134697337	Mr. M. Sathish	Computer Science Engineering	Dr. M. S. Geetha Devasena	Sep , 2021	Certain Investigations on Improved Method for EEG with Motor Imagery Classification using Deep Learning Techniques
22	25254691332	Ms. Santhamani V	Computer Science Engineering	Dr. M. S. Geetha Devasena	Feb, 2025	Smart Agriculture: Integration of large language models and foundation models for enhanced production
23	25144691458	Mr. Moses K	Computer Science Engineering	Dr. M. S. Geetha Devasena	Feb, 2025	Scaling small language model to a hybrid model outperforming larger language model by deep cognitive training
24	24154691156	Mr. R. S. Vishnu Durai	Computer Science Engineering	Dr. R. Kingsy Grace	Dec,2023	Investigation of 3D Protein structures and drug recommendation system

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S. No	Register No	Name of the Ph.D Scholar	Name of the department	Name of the Guide	Year of Registration	Title of thesis
25	24244691157	Mrs. M. Dhivyashree	Computer Science Engineering	Dr. R. Kingsy Grace	Dec,2023	A Novel Technique for Multimodal Image Fusion in disease diagnosis
26	24244691283	Mrs. K. Sona	Computer Science Engineering	Dr. R. Kingsy Grace	Dec,2023	Live Streaming fisherman border security system with radio frequency technology using machine learning
27	23244697478	Ms. S. Reshni	Computer Science Engineering	Dr. R. Kingsy Grace	Aug, 2023	DL Structures and personality trait to build a child welfare scanner based on remarks using NLP
28	24244697150	Ms. C. Sowntharya	Computer Science Engineering	Dr. R. Kingsy Grace	June, 2024	Privacy Preserving Intrusion detecting in Metaverse Using Federated learning with secure aggregation technique
29	24244697268	Ms. P. Kiruthika	Computer Science Engineering	Dr. R. Kingsy Grace	June, 2024	Perusal on skin cancer categorization using soft computing techniques
30	24174691397	Mr. A. Soundararajan	Computer Science Engineering	Dr. R. Madumathi	Dec, 2023	An Efficient Artificial Intelligence framework for identifying and mitigating the cyber attacks on physical system
31	24244691180	Ms. K. Uma Maheswari	Computer Science Engineering	Dr. R. Madumathi	Dec, 2023	Crop prediction based on characteristics of agricultural environment using machine learning models
32	24124697417	Mr. A. Dinesh Kumar	Computer Science Engineering	Dr. R. Madumathi	June, 2024	Deep learning and transfer learning-based crop diseases detection in precision agriculture
33	252546913884	Ms. P.Jothi	Computer Science Engineering	Dr. M. S. Geetha Devasena	July, 2025	Soft Computing Techniques
34	25244697360	Ms.J.Jamila	Computer Science Engineering	Dr. R. Madumathi	July, 2025	Emotion-Aware Chatbots: Enhancing Human-Computer Interaction with NLP
35	25244697375	Ms.Vinothini	Computer Science Engineering	Dr. R. Madumathi	July, 2025	Automated Plant Disease Detection using Deep Learning
36	25244697361	Ms.Darshika Kelvin	Mtech CSE	Dr. R. Anuradha	July, 2025	Enhancing nitrogen use efficiency in crops using machine learning and deep learning
37	25244697232	Ms.G.Anusha	Mtech CSE	Dr. R. Anuradha	July, 2025	ML-Driven Selection of Nano-Based Antimicrobial Coatings for Rapid Wound Healing

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S. No	Register No	Name of the Ph.D Scholar	Name of the department	Name of the Guide	Year of Registration	Title of thesis
38	26144691453	Mr.G.Narendr an	Mtech CSE	Dr. R. Anuradha	Jan, 2026	AI Driven CNC Maintenance and Optimization
39	19142697230	Mr.R.Dhanase karan	Mechanical Engineering	Dr. P. Karuppuswamy	July, 2019	Investigations of Hot Forged Aluminium Composites for Automotive Applications
40	17142697123	Mr.P.Saravana kumar	Mechanical Engineering	Dr. P. Karuppuswamy	June, 2017	Investigation on Refining of Aluminium Scraps
41	20142691120	Mr. A. T. Navinprasad	Mechanical Engineering	Dr. J. Yoganandh	Feb, 2020	Surface Modification Using Nano Coating to Improve Absorption and Condensation of the Solar Still
42	23122697164	Mr. C. Dinesh	Mechanical Engineering	Dr. J. Yoganandh	July, 2023	Effect of Graphene fillers on the physical and mechanical properties in the Nettle fiber/ epoxy hybrid composite
43	21142691129	Mr.S.Satish	Mechanical Engineering	Dr. N. Gunasekar	Feb, 2021	Performance Improvement of Electric Vehicle Battery by Thermal Management System
44	21142691208	Mr.J.Jayakar	Mechanical Engineering	Dr. N. Gunasekar	Jan, 2021	Experimental Investigation on Camellia Assmica Extract as an Antioxidant Additive to Enhance the Oxidation Stability of Biofuel Synthesized from Low Viscous Cymbopogan Oil
45	19152697126	Mr.K.Robinjo hny	Mechanical Engineering	Dr. C. Bhagyanathan	Aug, 2019	CFD Simulation Studies of Multi-Rotor Aerodynamics in UAVS
46	22132697157	Mr.P.Srinath	Mechanical Engineering	Dr. C. Bhagyanathan	June, 2022	Development and Investigation of Reprocessing Aluminium with Decrement of Impurities in the Molten Recycled Aluminium with Suitable Process for Small or Medium Scale Industry
47	24142697226	Mr. R. Velmurugan	Mechanical Engineering	Dr. A. Vadivel	July, 2024	Investigation on performance of variable compression ratio thermal barrier coated direct injection diesel engine with biodiesel and nanoadditive.
48	19142697163	Mr.S.Dinesh	Mechanical Engineering	Dr.P. Chandramohan	July, 2019	Two Phase Flow Heat Transfer Analysis in Wavy Micro-Channel To Improve Thermal Performance Factor

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S. No	Register No	Name of the Ph.D Scholar	Name of the department	Name of the Guide	Year of Registration	Title of thesis
49	19142697164	Mr.B.Senthilk umar	Mechanical Engineering	Dr.P. Chandramohan	July, 2019	Investigation on the Heat Transfer Characteristics Based on Various Fluids Flowing Under the Turbulent Flow Regime
50	19122697159	Mr.G.Thilak	Mechanical Engineering	Dr.P. Chandramohan	July, 2019	Study of Characteristics of Aluminium Alloys Through Squeeze Casting
51	21132697303	Mr. M. S. Balasanthosh	Mechanical Engineering	Dr.P. Chandramohan	Sep , 2021	Certain Investigations on Process Parameters in Additive Manufacturing for Polymer Materials
52	20142691223	Mr.S.Pradeep	Mechanical Engineering	Dr.P. Chandramohan	Jan, 2020	Development Microstructural Characteristics and Properties of Aluminum Nano Composites with Graphene Oxide and Zinc Oxide
53	24142691251	Mr.S. Saravana Kumar	Mechanical Engineering	Dr.P. Chandramohan	Dec-23	Certain Studies on Development Of 3d Printed Aluminium Silicon Alloy Components
54	21244691513	Ms. S. S. Suganth a Mallika	Artificial Intelligence & Data Science	Dr. V. Karpagam	Feb, 2021	Behavioral Analysis Using Positive Recognition and Deep Learning Techniques
55	21244691391	Ms. S. Jansi Rani	Artificial Intelligence & Data Science	Dr. V. Karpagam	Jan, 2021	Deep Learning for Sensor Based Fusion and Activity Recognition
56	19244697261	Mrs. P.V. Kavitha	Artificial Intelligence & Data Science	Dr. V. Karpagam	July, 2019	Automatic Image Captioning Using Deep Learning
57	21134691515	Mr. Ram Sundar	Artificial Intelligence & Data Science	Dr. V. Karpagam	Feb, 2021	Analyzing Digital Forensic Evidence Through NLP Techniques
58	21244691553	Mrs. S. Lavanya	Artificial Intelligence & Data Science	Dr. V. Karpagam	Feb, 2021	Healthcare Analysis
59	20122691131	Mr. D. Anandakumar	Robotics and Automation	Dr. A. Murugarajan	Dec, 2019	The influence of Hybrid Nanofluids MQL on tool wear and surface Integrity in Machining of Titanium Alloy
60	20142691224	Mr. T. Sudhakar	Robotics and Automation	Dr. A. Murugarajan	Jan, 2020	Performance Characteristics Analysis of Micro pump Impeller
61	20241691110	Mrs. S. Indhumathi	Nano Science and Technology	Dr. A.Sakthivel	Dec, 2019	Investigation of fire retardant and self-healing ultra-high-performance concrete (UHPC) using nanomaterials

LIST OF SCHOLARS

S. No	Register No	Name of the Ph.D Scholar	Name of the department	Name of the Guide	Year of Registration	Title of thesis
62	21247691115	Ms. S. Uma Maheswari	Nano Science and Technology	Dr. A.Sakthivel	Feb, 2021	Investigation of 3D MHD Flow and Heat Transfer Analysis of Hybrid Nanofluid in Heat Exchanger
63	22257691118	Mrs. G. Ayshwarya	Nano Science and Technology	Dr. A.Sakthivel	Feb, 2022	Design and Development of Novel Nanoparticles Based Sensors for Medical Applications
64	1514769762	Mr. D. Sengottaiyan	Nano Science and Technology	Dr. A.Sakthivel	June, 2015	Fabrication of Cost-Effective Dye Sensitized Solar Cell For Efficient Energy Generation
65	24147691109	Mr. P. Selvamurugan	Nano Science and Technology	Dr. A.Sakthivel	Dec, 2023	Conductive polymer metal/ metal oxide hybride nanocomposites for flexible electronics application
66	24147691167	Mr. K. Rajeswaran	Nano Science and Technology	Dr.S.Hariganesh	Dec, 2023	Metal halide pervskite Nanostructures for defence application
67	24257697187	Ms. Maya Manoj J	Nano Science and Technology	Dr Deepa B Prabhu	July, 2024	Green biosynthesis of nanomaterials for biomedical application
68	24247697160	Ms. Priyanka	Nano Science and Technology	Dr Deepa B Prabhu	July, 2024	Design and development of electrochemical nano bio sensors to quantify allergens and toxins
69	20237691105	Ms. D. Sudha	Physics	Dr.K.Chitra	Dec, 2019	Metal Oxide Semiconductors for Device Applications
70	24149691260	Mr. R. Vigneshwaran	Physics	Dr. A. Leggins	Dec, 2023	Mexene- noble metals- tricalcium phosphate - hydroxyapatite nano composite for enhanced wound healing and cancer treatment applications
71	24237697193	Ms.Periyanayagi S	Physics	Dr. A. Leggins	July, 2024	Mxene-Magnetite Nanocomposites for Improved Germination of Plant Seeds
72	21147697168	Mr. R. Santhosh kumar	Chemistry	Dr. J. Suresh	Oct, 2021	Synthesis, Characterization and Applications Of Mixed Metal Oxide (Mmo) Nanocomposite Via Greener Route
73	21247697165	Mrs. R. Hindumathi	Chemistry	Dr. J. Suresh	Oct, 2021	Greener Synthesis Characterization and Application High Entropy Oxides
74	22237691151	Mrs. M. Jayasudha	Chemistry	Dr. J. Suresh	Feb, 2022	Biosynthesis Characterization of Metaloxide Nano Composites and Its Biological Applications

LIST OF SCHOLARS

S. No	Register No	Name of the Ph.D Scholar	Name of the department	Name of the Guide	Year of Registration	Title of thesis
75	21247697105	Mrs. A. Sangeetha	Chemistry	Dr. S. Hariganesh	Sep, 2021	Templated And Polymer Coupled Nano Metal Oxides for Waste Water Treatment and Biomedical Applications
76	16147697193	Mr. P. Jayaprakash	Maths	Dr. P. Maheswari naik	July, 2016	Operator Theory
77	16147697194	Mr. Y. J. Ganesh	Maths	Dr. P. Maheswari naik	July, 2016	Operator Theory
78	16237197188	Ms. S. Arulmozhi	Maths	Dr. K. Sukkiramathi	June, 2016	Soret and Dufour Effects on Natural Conective Flow Over Vertical Surfaces or Nano Fluid Effects on vertical Surfaces
79	25247691181	Ms. Sudhar Kani A	Maths	Dr. N. Gopalakrishnan	Jan, 2025	Studies on stability and dissipativity of dynamic neural networks
80	23244691366	Ms. P. Divya Prabha	Information Technology	Dr. N. Suresh Kumar	Feb, 2023	Research Methodology for Analysis and Detection of Cyber Bullying Content in Web
81	24234691174	Ms. R. Divya	Information Technology	Dr. N. Suresh Kumar	Dec, 2023	Energy efficient routing for wireless sensor networks using weight-based clustering algorithm to enhance network time.
82	23234697370	Mrs. J. M. Priyadharshe n i	Information Technology	Dr. N. Suresh Kumar	July, 2023	Design and development of Autonomous robot for detection and analysis of solitaires using deep learning algorithms
83	24244697465	Ms. D. Divyabharathi	Information Technology	Dr. N. Suresh Kumar	July, 2024	A Novel approach for analysing and reconstructing the digital evidence using forensic analysis
84	24144697168	Mr. R. Kamalakkannan	Information Technology	Dr. N. Suresh Kumar	july, 2024	A novel approach to digitalize the agriculture using internet of things and artificial intelligence
85	25124691203	Mr. Hari Prakash	Information Technology	Dr. N. Suresh Kumar	Jan, 2025	Optimizing the Eco state network and long - short term memory for network instruction detection based on principal component analysis
86	24244691303	Ms. C. Kalapana	Information Technology	Dr. M. Kalaiarasu	Dec, 2023	Internet of vehicles and machine learning approaches for cognitive radio network enabled technology

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S. No	Register No	Name of the Ph.D Scholar	Name of the department	Name of the Guide	Year of Registration	Title of thesis
87	26244691248	Mr. Kayalvizhi	Electrical and Electronics Engineering	Dr.A.Soundarrajan	Jan, 2026	Intelligent code quality Assurance (ICQA) system for automated code smell detection and refactoring based on deep learning
88	25143697118	Mr. John ananth R	Electrical and Electronics Engineering	Dr.A.Soundarrajan	Aug, 2025	Communication protocol for automotive electronics
89	18243691138	Mrs. N. Subhalakshmi	Electrical and Electronics Engineering	Dr. S. Allirani	Dec, 2017	Performance Enhancement of Permanent Magnet Synchronous Motor using Soft Computing Techniques
90	24133691190	Mr. B. Sridhar	Electrical and Electronics Engineering	Dr. S. Allirani	Dec, 2023	Intelligent integration of AI and ML for enhanced efficiency and performance of electric vehicles
91	24233697146	Mrs. D. Priyadharshi n i	Electrical and Electronics Engineering	Dr. S. Allirani	July, 2024	Design and development of high-performance synchronous reluctance motor drive for EV applications
92	17123697120	Mr. R. Premkumar	Electrical and Electronics Engineering	Dr. R. Shanmuga sundaram	March, 2017	Modeling and optimization of integrated renewable energy systems
93	24243697104	Ms. Nandhini M	Electrical and Electronics Engineering	Dr. R. Shanmuga sundaram	July, 2024	Certain investigation on DC fast charger for improving charging efficiency in electric vehicles
94	1513369732	Mr. S. Dhamodharan	Electrical and Electronics Engineering	Dr. K. Sebasthirani	June, 2015	Implementation of Power Factor Corrector DC-DC Converter fed BLDC Motor Drive for low power Applications
95	16193697105	Mr. G. Rajesh	Electrical and Electronics Engineering	Dr. K. Sebasthirani	Sep, 2016	Sepic converter with Active Snubber for maximum efficiency in hybrid Renewable Energy system
96	17144697180	Mr. R. Daniel Raj	Electrical and Electronics Engineering	Dr. K. Sebasthirani	June, 2017	Certain Investigation on Performance Enhancement of brushless DC Motor using Digital PWM control strategy and soft computing Techniques

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S. No	Register No	Name of the Ph.D Scholar	Name of the department	Name of the Guide	Year of Registration	Title of thesis
97	24243691179	J. Jeayamani	Electrical and Electronics Engineering	Dr. K. Sebasthirani	Dec, 2023	Modelling and performance analysis of modular multilevel converter (MMC) for industrial appliances
98	21234697455	Ms. T. Divya	Electronics and Communication Engineering	Dr. G. Gopu	Nov, 2021	Investigation of Heart Blockages Using Image Processing Techniques to Prevent Risk Factors of Heart Disorders
99	24243691233	Ms. B. Chistyjuliet	Electronics and Communication Engineering	Dr. G. Gopu	Dec, 2023	Investigation of early detection of Alzheimers disease using deep learning-based bio signal classification.
100	24224197531	Ms. D. Sangeetha	Electronics and Communication Engineering	Dr. G. Gopu	Jul, 2024	Wireless communication
101	26144691127	Mr.Palvin Muthesh	Electronics and Communication Engineering	Dr. G. Gopu	Jan, 2026	Wireless communication
102	26243691107	Ms.S.S.Karthi kadevi	Electronics and Communication Engineering	Dr. G. Gopu	Jan, 2026	Wireless communication
103	17143691180	Mr. E. Esakki Vigneswaran	Electronics and Communication Engineering	Dr. S. Jayanthi	Dec, 2016	Development of IOT Architecture Model for Energy Management Systems
104	21254697176	Ms. R. S. Ramya	Electronics and Communication Engineering	Dr. S. Jayanthi	Sep, 2021	Anamoly Detection of IOT Cyber Attacks Using Machine Learning Algorithms
105	23244691103	Ms. S. Vidya Priya Darcini	Electronics and Communication Engineering	Dr. S. Jayanthi	Dec, 2022	Development of Algorithms for Prediction of Diseases from Stress Level using Machine Learning techniques And Big data
106	23139697207	Mr. P. Mohan Raj	Electronics and Communication Engineering	Dr. S. Jayanthi	July, 2023	Development of machine learning based continuous control techniques over internet of things for non-linear process

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107	24259697215	Ms. I. Mohitha	Electronics and Communication Engineering	Dr. S. Jayanthi	July, 2024	Leveraging machine learning techniques for verification of VLSI circuits
108	22144697269	Mr. M. Selvaganesh	Electronics and Communication Engineering	Dr. H. Mangalam	July, 2022	Design of VLSI Architecture for Healthcare Application
109	18134691570	Mr. V. Ganesh	Electronics and Communication Engineering	Dr. H. Mangalam	Dec, 2017	Wireless Power Transmission Using Rectenna
110	22154697149	Mr. S. Karthik	Electronics and Communication Engineering	Dr. S. P. Vimal	July, 2022	Performance Analysis of Wireless body Sensor Networks using Machine Learning Techniques
111	22144691280	Mr. S. Surender Kumar	Electronics and Communication Engineering	Dr. S. P. Vimal	Feb, 2022	Investigations on Interactive Augmented Reality/ Virtual reality system for Immersive Audio Applications
112	18144691137	Mr. R. Karthi Kumar	Electronics and Communication Engineering	Dr. S. P. Vimal	Dec, 2017	VLSI Implementation of DSP Algorithms using Vedic Mathematics
113	17133697149	Mr. R. Ramachandra n	Electronics and Communication Engineering	Dr. S. P. Vimal	June, 2017	System on Chip Design for Wireless Communication
114	18124691236	Mr. P. Ramu	Electronics and Communication Engineering	Dr. S. P. Vimal	Dec, 2017	Design and Implementation of Efficient VLSI Architectures for Wireless Communication system
115	23149697175	C. Satish Kumar	Electronics and Communication Engineering	Dr. S. P. Vimal	July, 2023	Certain investigation on medical imaging application using deep learning algorithm
116	22144697121	Ms. S. Nithyasai	Electronics and Communication Engineering	Dr. B. Nataraj	July, 2022	Optimization of FPGA Resource Utilization for Edge Detection and Feature Extraction in Computer Aided Machine Vision Application

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117	22254697124	Ms. K. Parvathy	Electronics and Communication Engineering	Dr. B. Nataraj	July, 2022	Security in IOT: Encryption Algorithms for Wireless Body Area Network (WBAN)
118	21244691550	Ms. R. Ramya	Electronics and Communication Engineering	Dr. B. Nataraj	Feb, 2021	Wide Band Pass Filter for Wireless Communication
119	21144697289	Mr. S. Pragadeswara n	Electronics and Communication Engineering	Dr. B. Nataraj	Oct , 2021	Energy Efficient Multi- HOP route Optimization for security and Congestion Avoidance in Wireless Sensor Networks
120	23249697203	R. Krithikaa	Electronics and Communication Engineering	Dr. B. Nataraj	July, 2023	Investigation on an effectual approach of privacy and security of Consumer IOT devices used for pervasive monitoring of Vulnerable people Scheme
121	22234691507	Ms. M. Aiswarya	Electronics and Communication Engineering	Dr. K. R. Prabha	Oct, 2022	Certain Strategies to optimize the Fault Tolerant in Sefi Protection Method for Avionics and Sapce Applications
122	23149697254	B. Manoj kumar	Electronics and Communication Engineering	Dr. K. R. Prabha	July, 2023	A New technology based on distributed QOS aware MQTT middleware for edge computing application
123	23149697455	G. Mani sankar	Electronics and Communication Engineering	Dr. K. R. Prabha	Aug, 2023	A High reliable non volatile ternary content addressable memory with reliable sub–Nano second search operation
124	24249691308	S. Manju	Electronics and Communication Engineering	Dr. K. R. Prabha	Dec, 2023	Implementation of image classification in deep learning using GoogleNet
125	24134697136	Mr. Sathish P	Electronics and Communication Engineering	Dr. S. Lakshmi Narayanan	July, 2024	Improved medical imaging for diagnosis of melanoma in skin using deep learning techniques
126	25249691159	Ms. Divya V	Electronics and Communication Engineering	Dr. S. Lakshmi Narayanan	Jan, 2025	Certain Investigation for classification of crop leaf disease by implementation of multiple capsule neural networks

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127	25249697237	Ms. K.Bhuvanesh wari	Electronics and Communication Engineering	Dr. S. Lakshmi Narayanan	July, 2025	Wireless communication
128	26249691160	Ms.Tamilselvi .R	Electronics and Communication Engineering	Dr. S. Jayanthi	Jan, 2026	Wireless communication
129	25234691255	Ms. Sridevi P	Electronics and Communication Engineering	Dr. M. Kasiselvanathan	Feb, 2025	Optimization in Artificial intelligence enhanced automative ecosystems
130	25239691116	Ms. Gayathree K	Electronics and Communication Engineering	Dr. M. Kasiselvanathan	Feb, 2025	Approximate multipliers design using compressors and adders for signal processing applications
131	24229691290	Mrs. C E. Rajaprabha	Electronics and Communication Engineering	Dr. M. Kasiselvanathan	Dec, 2023	Tumor detection and qualification using ANN algorithm in artificial intelligence
132	24243691153	Ms. Prabhavathy	Electronics and Communication Engineering	Dr. M. Kasiselvanathan	Dec, 2023	Certain investigation on breast cancer detection based on CNN and federated learning using embedded devices
133	24243697115	Ms. Kavithamani N	Electronics and Communication Engineering	Dr. M. Kasiselvanathan	July, 2024	Certain investigation on embedded intelligence instrumentation system for hybrid electrical vehicle performance analysis
134	21254697415	Ms. Sruthi Mol P	Biomedical Engineering	Dr. N. Sathish Kumar	Oct, 2021	Biometrics And Cyber Security Using Face Spoofing Recognition Cryptographic Techniques
135	23249697114	Ms. A. J. Jaya Divya	Biomedical Engineering	Dr. N. Sathish Kumar	July, 2023	Combating subtle jamming assault in low power wireless configurations
136	24189691163	Mr. Mohammedka sim M	Biomedical Engineering	Dr. N. Sathish Kumar	Dec, 2023	Design and performance analysis of low power high speed SAR ADC using CMOS technology for bio medical application

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137	24149697184	Mr. Samraj. S	Biomedical Engineering	Dr. N. Sathish Kumar	July, 2024	Design of Low power accelerators for edge computation for signal processing applications.
138	25139697270	Mr.A.Michael	Biomedical Engineering	Dr. N. Sathish Kumar	July, 2025	Healthcare analysis
139	25139697127	Ms.V.G.Gayat hri	Biomedical Engineering	Dr. N. Sathish Kumar	July, 2025	Healthcare analysis
140	25139697113	Ms.S..Gayath ri	Biomedical Engineering	Dr. N. Sathish Kumar	July, 2025	Healthcare analysis
141	26244691430	Ms.A.Vanitha	Biomedical Engineering	Dr. N. Sathish Kumar	Jan, 2026	Healthcare analysis
142	26257691245	Kavya K S	Biomedical Engineering	Dr.Vishnu Vardhan	Jan, 2026	Healthcare analysis
143	25249691142	Ms. Archana D	Biomedical Engineering	Dr. V. Radhika	Jan, 2025	Real time Object Tracking in embedded systems using image processing
144	25249697228	Ms.Shalini	Biomedical Engineering	Dr. V. Radhika	July, 2025	Liver disease diagnosis Analysis Using Bio-inspired Algorithm
145	23197691174	Mr. M. K. Sumesh	Biomedical Engineering	Dr. Deepa B. Prabhu	Dec, 2022	Design and Development of Point of Care Devices for NA+ Ion Detection in Geriatric Patients
146	22243697126	Ms. D. Kavitha	Electronics and Instrumentation Engineering	Dr. B. Sharmila	June, 2022	Design, Analysis and Smart Monitoring of Solar Powered Device for Electric Vehicles
147	21244697584	Ms. A. Reethika	Electronics and Instrumentation Engineering	Dr. B. Sharmila	Oct, 2021	Development of Rectilinear Steiner Tree using Battle Royale Optimization Algorithm and Its Application to VLSI Design
148	24249697233	Mrs. Ramya S	Electronics and Instrumentation Engineering	Dr. B. Sharmila	July, 2024	Certain investigation on optimization of electric vehicle battery life using disruptive technologies

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149	21234691237	Ms. Pradeepa	Electronics and Instrumentation Engineering	Dr. B. Sharmila	Feb, 2025	Low Power VLSI architecture for detecting cardiovascular disease
150	25249697110	Keerthana sree	Electronics and Instrumentation Engineering	Dr. B. Sharmila	July, 2025	Vision language model for medical image reasoning and disease classification
151	21144691302	Mr. S. Saravanakum ar	Electronics and Instrumentation Engineering	Dr. V. Rukkumani	Jan, 2021	Energy Efficiency in Low Power VLSI Design
152	21244691424	Ms. V. Manimegalai	Electronics and Instrumentation Engineering	Dr. V. Rukkumani	Jan, 2021	Experimental Investigation on Effect of Dust on Solar Photovoltaic system and Mitigation Technique
153	21244691359	Ms. A. Gayathri	Electronics and Instrumentation Engineering	Dr. V. Rukkumani	Jan, 2021	Dynamic Battery Pack Reconfiguration Method for Large Scale systems
154	17143697244	Mr. M. Karthick	Electronics and Instrumentation Engineering	Dr. V. Rukkumani	June, 2017	Modelling and Analysis of Double FED Induction Generator for WECS with Determining CCT (Critical Clearing Time)
155	17134697381	Mr. M. Mailsamy	Electronics and Instrumentation Engineering	Dr. V. Rukkumani	June, 2017	Adiabatic Power Reducing of Solar Panel and Cooling system in Space Craft
156	18134691472	Mr. V. Moorthy	Electronics and Instrumentation Engineering	Dr. V. Rukkumani	Dec, 2017	A Neural Network Based Implementation of Image Processor on FPGA for Wild Animal Intrusion Detection and Warning System in Agricultural land close to Protected areas
157	23133691189	Mr. P. Balaji	Electronics and Instrumentation Engineering	Dr. D. Devasena	Dec, 2022	Artificial Intelligence for Brain Tumor using Advanced Classifiers and Deep Learning Techniques
158	24243691183	Ms. S. Kasthuri	Electronics and Instrumentation Engineering	Dr. D. Devasena	Dec, 2023	Certain investigation on wireless monitoring system for Environment and development of electronic Nose Model

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159	25234697265	Ms.S.Rajesh wari	Electronics and Instrumentation Engineering	Dr. D. Devasena	Jul,2025	Development of Enhanced Framework to Identify Plant Disease for Smart Farming Revolution
160	25244697272	Ms.D.Brindha	Electronics and Instrumentation Engineering	Dr. D. Devasena	Jul,2025	Enhancing Brain Tumor Detection using Deep Learning and Metaheuristic Algorithms for Improved Accuracy and Clinical Integration
161	25244697101	Mr.K.Aravind	Electronics and Instrumentation Engineering	Dr. Nagarajapandian	Jul,2025	Predictive modelling for enhanced requirements quality in ASPICE SYS.2 and SWE.1 using Machine Learning
162	25259697159	Mr.Neethu krishnan	Electronics and Instrumentation Engineering	Dr. Nagarajapandian	Jul,2025	Advanced Control Strategies based Cyber Physical System used in Smart grid and Autonomous Vehicle
163	26299691239	Ms.S.Sangeet ha	Electronics and Instrumentation Engineering	Dr. Nagarajapandian	Jan, 2026	Smart Grid Security Framework using AI for Intrusion Detection in Autonomous Systems
164	26299691286	Ms.U.Amrith a	Electronics and Instrumentation Engineering	Dr. Nagarajapandian	Jan, 2026	AI controlled contemporary management for enhanced sustainable energy storage and ecological forecasting
165	21248697110	Ms. V. Vishnu Priya	Management Studies	Dr. R. Mary Metilda	Sep, 2021	Impact of Emotional Intelligence on Employees Counterwork Behavior and Organizational Commitment.
166	20248691101	Ms. S. D. Shamini	Management Studies	Dr. R. Mary Metilda	Dec, 2019	A Study to Map the Investors with Mutual Fund Schemes with Respect to Risk and Return (Investors Expectation and Fund Performance.
167	17158697105	Ms. A. Grace Antony Rose	Management Studies	Dr. R. Mary Metilda	June, 2017	Digital Marketing
168	25248691115	Ms. Jenifer Chrisla T	Management Studies	Dr. S. Krishnaprabha	Feb, 2025	Investigation how cognitive biases and emotional factors affect investment decisions and portfolio construction
169	25231697103	Deepika S	Civil Engineering	Dr.S.Hema	Jul, 2025	Nano-bubble wastewater treatment