



SCHOOL OF ELECTRICAL ENGINEERING
Research Admissions – December 2020
Research Guide Details

S. No.	Name of the Guide	Area of Research	Mobile Number	VIT mail ID
1.	Dr. A. Peer Fathima	Power system control, deregulated power system, renewable energy and smart grid technologies , power quality	9444022777	peerfathima.a@vit.ac.in
2.	Dr.V.T.Sreedevi	DC DC converters for PV applications, Application of Metaheuristic optimization techniques for Electric Vehicle performance enhancement, IoT based Applications with respect to electrical domain	9444300126	Sreedevi.vt@vit.ac.in
3.	Dr. L. Premalatha	Smart grids and Electric vehicles	7373438656	premalatha.l@vit.ac.in
4.	Dr. Nithya Venkatesan	Controller Implementation for Nonlinear systems, System Identification, Energy Generation ,Monitoring and Control Techniques for Ocean Systems	7708706730	nithya.v@vit.ac.in
5.	Dr. J.L. Febin Daya	Wireless EV Charging, Intelligent systems, Control of Electric drives	9994468737	febindaya.jl@vit.ac.in
6.	Dr. G. Angeline Ezhilarasi	Mathematical Modelling and Analysis of Systems	9840728451	angelineezhilarasi.g@vit.ac.in
7.	Dr. Chendur Kumaran R	Stochastic Analysis of Systems	9840363831	chendurkumaran.r@vit.ac.in
8.	Dr. K. Jamuna	Microgrids and Transactive power systems	9445212692	jamuna.k@vit.ac.in
9.	Dr.D.Subbulekshmi	Control systems, System identification, Process control, Sensors fabrication,	9442303555	subbulekshmi.d@vit.ac.in

10	Dr. T.Deepa	Control Systems, Process control, Power electronics Converters, renewable energy and smartgrid, Fuzzy logic control, optimization techniques.	9884168409	deepa.t@vit.ac.in
11	Dr.C.Vaithilingam	Micro Grid Protection Issues, Machine Learning, AI applications to power system studies.	9884279294	vaithilingam.c@vit.ac.in
12	Dr. Iyswarya Annapoorani K	Power Systems	9884077358	iyswarya.annapoorani@vit.ac.in
13	Dr. Binu Ben Jose D R	Power Electronics in renewable power (wind and solar) generation and utilization, MPPT methods, Grid integrated and stand-alone systems, Grid issues and power quality, Wireless power transfer, Energy storage systems	7904147960	binuben.jose@vit.ac.in
14	Dr. C.Umayal	Power Converters, IoT based applications	9003035785	umayal.c@vit.ac.in
15	Dr. R. Gunabalan	Induction motor drive and BLDC motor drive for EV applications, Power Converters for LED lighting and induction heating applications	9894919269	gunabalan.r@vit.ac.in
16	Dr. R. Arul	Optimization techniques, Hybrid microgrid, Energy management, Electric Vehicle, Planning of charging stations, IOT.	9865003003	rarul@vit.ac.in
17	Dr. V. Sumathi	Design of energy meters, Electric vehicle charging , Embedded systems, Renewable energy, Biomedical	9677392265	vsumathi@vit.ac.in
18	Dr. Gnana Swathika O V	IOT based applications; Energy Management System in Microgrids; MicrogridProtection;Power System Optmization; Graph algorithm application to microrgid; Smart Metering; Stand-Along PV System	8144335355	gnanaswathika.ov@vit.ac.in
19	Dr. G. Kanimozhi	Power electronics converters for Automotive Applications	9840596084	kanimozhi.g@vit.ac.in
20	Dr. Sasipriya P	Low power VLSI circuit	9176611845	sasipriya.p@vit.ac.in

		design using adiabatic circuits and subthreshold circuits, Approximate computing architectures, Memory design, Embedded system design, IoT based applications		
21	Dr. Balamurugan P	Control of Power Converters for EV applications, Power Quality, Power Converters	9962104997	balamurugan.P@vit.ac.in
22	Dr. Sri Ramalakshmi P	Development of novel DC-DC converters/ inverters and control methods for renewable energy applications	8056026211	sriramalakshmi.p@vit.ac.in
23	Dr. Mohamed Imran A	Power System Optimization, Deregulated Power System, Distributed Generation, Power Loss minimization and Voltage profile enhancement in Distribution Networks, Optimization Techniques	9962680869	mohamedimran.a@vit.ac.in
24	Dr. M.A. Inayathullaah	Electric Vehicle Motor drives, Design of Power converters, Battery management systems, IoT Applications	9894225688	inayathullah.a@vit.ac.in
25	Dr. Srimathi R	Converters for Lighting Applications, Modelling of Converters, Lighting Design, Energy Conservation and savings, IoT based Energy management	9566811048	srimathi.r@vit.ac.in
26	Dr. Angalaeswari S	Control strategies and controller design for Hybrid microgrid, Energy management of HMG, Renewable energy integration for EV applications, Optimization algorithms for RDN	9841812993	angalaeswari.s@vit.ac.in
27	Dr. Kuruseelan	Big Data Analytics for Smart Grid Applications, Peer to Peer Energy trading, Power System Optimization, Power System Deregulation	9487979323, 9600379323	kuruseelan.s@vit.ac.in
28	Dr. Nilanjan Tewari	Development and Analysis High Gain DC-DC Converter for RES, Analysis and Control of Induction Motor and Induction Generator for PV and Wind Energy Application	9094641340	nilanjan.tewari@vit.ac.in

