



VIT[®]

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

Eligible Research Guide's Details

SCHOOL OF ELECTRICAL ENGINEERING

ERP No.	Pfix	Name of the Guide / Supervisor	Designation	Vacancy	Email id	Research Area of Interest
50038	Dr.	Srimathi R	Associate Professor Grade 1	2	srinathi.r@vit.ac.in	Power electronics applications in sustainable energy systems, electrical vehicles, energy conservation vehicles
50083	Dr.	Sreedevi V T	Professor - Higher Academic Grade	2	sreedevi.vt@vit.ac.in	DC- DC converters for renewable energy applications, Electric Vehicles, IoT based condition monitoring of electrical systems, Engineering optimization
50128	Dr.	Hemamalini S	Professor - Higher Academic Grade	2	hemamalini.s@vit.ac.in	Electric Vehicles, Power system operation and control, Microgrids, Smart Grids, Renewable energy, Power Electronic applications, Machine learning and Artificial Intelligence, Condition monitoring of electrical systems
50137	Dr.	Gnana Swathika O V	Professor Grade 1	2	gnanaswathika.ov@vit.ac.in	IOT, AI and ML Based Applications; Embedded Systems; Microgrid Protection, Power System Optimization; Renewable Energy Systems; Energy Management System
50147	Dr.	Kanimozhi G	Professor Grade 1	4	kanimozhi.g@vit.ac.in	Power converters for automotive applications, Linear and non-linear control of Power converters
50152	Dr.	Febin Daya J L	Professor Grade 2	4	febindaya.jl@vit.ac.in	Intelligent Control, Wireless Charging of Electric Vehicle, Smart/ Precision Agriculture

50153	Dr.	Nithya Venkatesan	Professor - Higher Academic Grade	4	nithya.v@vit.ac.in	Nonlinear systems control using Intelligent control Techniques , Controllers in Ocean Engineering , Signal Processing using AI and Process Control.
50155	Dr.	Meenakshi J	Associate Professor Senior	2	meenakshi.j@vit.ac.in	Development of Power Converters - PV and EV applications Inverters and Multilevel Inverter Structures Application of AI/ML/Data in Power System applications, Power Quality
50259	Dr.	Sri Revathi B	Professor Grade 1	4	srirevathi.b@vit.ac.in	Power Electronic converters, Renewable energy systems and microgrids, Machine learning applications for renewable energy systems
50264	Dr.	Senthil Kumar N	Professor - Higher Academic Grade	4	senthilkumar.nataraj@vit.ac.in	Microgrid and its control issues; Smart Grids and Microgrid protection issues;
50265	Dr.	Lavanya V	Associate Professor Grade 1	5	lavanya.v@vit.ac.in	Power Electronics Applications to Power Systems, Power Quality, Renewable Energy Integration, Microgrid control.
50273	Dr.	Meera P S	Associate Professor Grade 1	6	meera.ps@vit.ac.in	Power system studies, Optimisation techniques, Distributed generation integration, Smart Grid, Reliability analysis
50275	Dr.	Sri Ramalakshmi P	Associate Professor Grade 2	1	sriramalakshmi.p@vit.ac.in	DC-DC Converters and inverters for renewable energy applications, IoT and Machine Learning algorithms for power system applications
50287	Dr.	Prabhakar M	Professor - Higher Academic Grade	3	prabhakar.m@vit.ac.in	Multi-source DC-DC converters, Power flow control in multi-source DC-DC converters, High gain DC-DC converters
50345	Dr.	Angeline Ezhilarasi G	Professor Grade 1	6	angelineezhilarasi.g@vit.ac.in	Modelling and Control of Electrical Systems
50375	Dr.	Lenin N C	Professor - Higher Academic Grade	2	lenin.nc@vit.ac.in	Electric Motor Drives
50381	Dr.	Chendur Kumaran R	Professor Grade 1	6	chendurkumaran.r@vit.ac.in	Mathematical Modelling of Electrical Systems
50419	Dr.	Peer Fathima A	Professor - Higher Academic Grade	2	peerfathima.a@vit.ac.in	Deregulated Power system, load frequency control in Power system, Renewable energy and Electric Vehicle applications, Smart grid Technologies ,Power quality

50433	Dr.	Balamurugan P	Associate Professor Grade 2	2	balamurugan.p@vit.ac.in	Electric Vehicles, Battery Charging, AI Applications to Power Electronics, Power Quality
50439	Dr.	Nilanjan Tewari	Associate Professor Grade 1	4	nilanjan.tewari@vit.ac.in	Power Electronics and Drives, Renewable Energy System, Microgrid systems
50455	Dr.	Jamuna K	Professor Grade 2	5	jamuna.k@vit.ac.in	Power system/Microgrid operation and control, WAMS
50565	Dr.	Subbulekshmi D	Professor Grade 2	4	subbulekshmi.d@vit.ac.in	Process Control, Soft Computing Techniques, System Identification, Sensors Design/ Fusion, Medical Image processing with Sensor and Controller.
50570	Dr.	Angalaeswari S	Associate Professor Grade 1	3	angalaeswari.s@vit.ac.in	Renewable Energy Integration, Optimization Algorithms, Controller design, Controller tuning and control algorithms
50571	Dr.	Deepa T	Professor Grade 2	2	deepa.t@vit.ac.in	Control Systems, Process Control, Intelligent Control, Renewable Energy, Power electronics
50572	Dr.	Iyswarya Annapoorani K	Professor Grade 1	2	iyswarya.annapoorani@vit.ac.in	Power System Engineering, Smart Grid Automation
50582	Dr.	Kuruseelan S	Associate Professor Grade 1	5	kuruseelan.s@vit.ac.in	Energy Digitalization and Trading, Big data analytics for Smart Grid
50594	Dr.	Vaithilingam C	Professor Grade 1	2	vaithilingam.c@vit.ac.in	Power System Operation and control, De-regulation
50596	Dr.	Binu Ben Jose D R	Professor Grade 1	3	binuben.jose@vit.ac.in	Applications of Renewable Energy (RE) (Solar, Wind) using Power Electronics, RE integration into Power Systems (grid) and Stand-alone Systems, Electrical Drives, Vehicles and Control, Batteries and Energy Management.
50740	Dr.	Umayal C	Professor Grade 1	3	umayal.c@vit.ac.in	Power Converters, Electric Vehicles, IoT
50771	Dr.	Gunabalan R	Professor Grade 1	1	gunabalan.r@vit.ac.in	Power electronics converters for induction heating applications, LED lighting applications and BLDC motor drive for electric vehicle applications
50776	Dr.	Premalatha L	Professor - Higher Academic Grade	2	premalatha.l@vit.ac.in	Smart grid and EV integration
50786	Dr.	Mohamed Imran A	Associate Professor Senior	3	mohamedimran.a@vit.ac.in	Power System Optimization & Control

50912	Dr.	Arul R	Professor Grade 1	4	rarul@vit.ac.in	Soft computing techniques, Smart grid, Renewable Energy systems, IOT & E_Vehicle.
50915	Dr.	Jayapragash R	Professor Grade 1	2	jayapragashr@vit.ac.in	Electrical Machine Design, Power Converters and Electrical Drives.
50923	Dr.	Sumathi V	Professor Grade 1	1	vsumathi@vit.ac.in	Electric Vehicle, IOT Applications for Micro Grid and Smart Grid, Embedded System, Bio Materials and Bio Medical Applications.
51459	Dr.	Inayathullah Abdul Kareem	Assistant Professor Senior Grade 2	5	inayathullah.a@vit.ac.in	Electric Vehicles, Power converter, IoT applications, Special Motors and Drives, soft switching
52306	Dr.	Pritam Bhowmik	Assistant Professor Senior Grade 2	5	pritam.bhowmik@vit.ac.in	Renewable Energy, Smart/Micro Grid, EVs
53042	Dr.	Jyotismita Mishra	Assistant Professor Senior Grade 2	6	jyotismita.mishra@vit.ac.in	BMS in Electric vehicle, Configuration development for EV charging station, AI in Renewable Energy, Microgrid
53058	Dr.	Mithu Sarkar	Assistant Professor Senior Grade 2	6	mithu.sarkar@vit.ac.in	Wide-area control in power system, Time delay system, Power system stability and control, Robust control
53067	Dr.	Balakumar P	Assistant Professor Senior Grade 1	6	balakumar.p@vit.ac.in	Smart grid, Demand side management, Artificial intelligence based power system, Power converter for EV applications, Transactive energy market, Dynamic electricity pricing, Hybrid microgrid, Distributed renewable energy system, Home energy management
53068	Dr.	Nawin Ra	Assistant Professor Senior Grade 1	5	nawin.ra@vit.ac.in	Interfacing of Renewable Energy Storage to Power System
53072	Dr.	Senthil Kumar R	Assistant Professor Senior Grade 2	6	senthilkumar.ramu@vit.ac.in	Electric Vehicles, Fault Diagnosis, AC Drives, Machine Learning, Signal Processing Techniques, Renewable Energy System, Hybrid Mirco Grid
53088	Dr.	Sitharthan R	Associate Professor Grade 2	6	sitharthan.r@vit.ac.in	Distributed Generation Systems, Smart grid, Internet of Things (IoT), Smart Intelligent Systems.
53131	Dr.	Anik Goswami	Assistant Professor Senior	6	anik.goswami@vit.ac.in	Solar Energy, Renewable Energy, Energy Economics, Sustainability

			Grade 1			
53133	Dr.	Anand Kumar	Assistant Professor Senior Grade 1	6	anand.kumar@vit.ac.in	Application of high frequency resonant inverter for domestic induction heating, wireless power charging technology
52362	Dr.	Rupa Mishra	Assistant Professor Senior Grade 1	6	rupa.mishra@vit.ac.in	Power Electronics and Machine Drives
53044	Dr.	Krishna Kumba	Assistant Professor Senior Grade 1	6	krishna.kumba@vit.ac.in	Solar Photovoltaics, MPPT Techniques, Renewable Energy Integration, Solar Tracking system, Battery Management System, Artificial Neural Networks, Fuzzy Logic Systems, Machine Learning, Optimization, Application of meta-heuristics, Intelligent techniques to power systems. Power Electronic Converters, Control Systems, and Electric Vehicles.
53384	Dr.	Nitin Kumar Kulkarni	Assistant Professor Senior Grade 1	6	nitinkumar.kulkarni@vit.ac.in	Distributed Generation grid integration challenges (anti-islanding protection, reactive power compensation, power quality, etc.), Vehicle to Grid integration, Power electronic converter design and FACTS controllers and devices
53386	Dr.	Aravind C K	Associate Professor Senior	6	aravind.ck@vit.ac.in	Power Converters, Renewable Energy systems, intelligent controllers for AC/DC microgrids and their protection, DRL algorithms for microgrids, Control strategies for battery management and V2G technology
53673	Dr.	Swetha R Kumar	Assistant Professor Senior Grade 1	6	swetha.rkumar@vit.ac.in	Digital Twin, Fault Diagnosis, Artificial Intelligence, Control Systems
53595	Dr.	T Thyagarajan	Professor Higher Academic Grade	6	professortt@vit.ac.in	Modelling and Control of Electrical using AI (Soft Computing) Non-linear Process Modelling and Control using ANN/ FLC techniques Healthcare Instrumentation