



# VIT<sup>®</sup>

Vellore Institute of Technology

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

## Eligible Research Guide's Details

### SCHOOL OF ELECTRICAL ENGINEERING

Emp. ID	Name of the Supervisor	Designation	No. of Vacancy	Email ID	Mobile No.	Area of Interest
50038	Dr. Srimathi R	Assistant Professor Senior Grade 2	4	srimathi.r@vit.ac.in	9566811048	Power electronics applications in sustainable energy systems, electrical vehicles, energy conservation vehicles
50083	Dr. Sreedevi V T	Professor - Higher Academic Grade	3	sreedevi.vt@vit.ac.in	9444300126	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	9443186924	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	Associate Professor Senior	4	gnanaswathika.ov@vit.ac.in	8144335355	IOT, AI and ML Based Applications; Embedded Systems; Microgrid Protection, Power System Optimization; Renewable Energy Systems; Energy Management System
50142	Dr. Sasipriya P	Associate Professor Senior	5	sasipriya.p@vit.ac.in	9176611845	Low power VLSI circuit design, Adiabatic circuits, Subthreshold logic circuits, Approximate computing circuits for Machine learning applications

50147	<i>Dr. Kanimozhi G</i>	<i>Associate Professor Senior</i>	5	<i>kanimozhi.g@vit.ac.in</i>	9840596084	<i>Power converters for automotive applications, Linear and non-linear control of Power converters</i>
50152	<i>Dr. Febin Daya J L</i>	<i>Professor Grade 2</i>	3	<i>febindaya.jl@vit.ac.in</i>	9994468737	<i>Intelligent Control Systems, Electric Vehicle Charging, Wireless Charging.</i>
50153	<i>Dr. Nithya Venkatesan</i>	<i>Professor Grade 2</i>	5	<i>nithya.v@vit.ac.in</i>	9443531501	<i>Nonlinear systems control using Intelligent control Techniques , Controllers in Ocean Engineering , Signal Processing using AI and Process Control.</i>
50155	<i>Dr. Meenakshi J</i>	<i>Associate Professor Grade 2</i>	6	<i>meenakshi.j@vit.ac.in</i>	9840290893	<i>Development of Power Converters - PV and EV applications Inverters and Multilevel Inverter Structures Application of AI/ML/Data in Power System applications, Power Quality</i>
50259	<i>Dr. Sri Revathi B</i>	<i>Associate Professor Senior</i>	4	<i>srirevathi.b@vit.ac.in</i>	8939945464	<i>Power Electronic converters, Renewable energy systems and microgrids, Machine learning applications for renewable energy systems</i>
50264	<i>Dr. Senthil Kumar N</i>	<i>Professor Grade 2</i>	4	<i>senthilkumar.nataraj@vit.ac.in</i>	9444242263	<i>Microgrid and its control issues; Smart Grids and Microgrid protection issues;</i>
50265	<i>Dr. Lavanya V</i>	<i>Assistant Professor Senior Grade 2</i>	6	<i>lavanya.v@vit.ac.in</i>	9940991901	<i>Power Electronics Applications to Power Systems, Power Quality, Renewable Energy Integration, Microgrid control.</i>
50273	<i>Dr. Meera P S</i>	<i>Assistant Professor Senior Grade 2</i>	6	<i>meera.ps@vit.ac.in</i>	9840411256	<i>Power system studies, Optimisation techniques, Distributed generation integration, Smart Grid, Reliability analysis</i>
50275	<i>Dr. Sri Ramalakshmi P</i>	<i>Associate Professor Grade 1</i>	5	<i>sriramalakshmi.p@vit.ac.in</i>	8056026211	<i>DC-DC Converters and inverters for renewable energy applications, IoT and Machine Learning algorithms for power system applications</i>
50287	<i>Dr. Prabhakar M</i>	<i>Professor Grade 2</i>	3	<i>prabhakar.m@vit.ac.in</i>	9710491465	<i>Power electronics, DC-DC converters, Converters for renewable energy and EV applications, Machine learning-based approaches for renewable energy source integration and utilization</i>
50345	<i>Dr. Angeline Ezhilarasi G</i>	<i>Associate Professor</i>	4	<i>angelineezhilarasi.g@vit.ac.in</i>	9840728451	<i>Modelling and Control of Electrical Systems</i>

		<i>Senior</i>				
50375	<i>Dr. Lenin N C</i>	<i>Professor Grade 2</i>	1	<i>lenin.nc@vit.ac.in</i> <i>dydircc.cev@vit.ac.in</i>	9444506077	<i>Electric Motor Drives</i>
50381	<i>Dr. Chendur Kumaran R</i>	<i>Associate Professor Senior</i>	5	<i>chendurkumaran.r@vit.ac.in</i>	9840363831	<i>Mathematical Modelling of Electrical Systems</i>
50419	<i>Dr. Peer Fathima A</i>	<i>Professor - Higher Academic Grade</i>	3	<i>peerfathima.a@vit.ac.in</i>	9444022777	<i>Deregulated Power system, load frequency control in Power system, Renewable energy and Electric Vehicle applications, Smart grid Technologies ,Power quality</i>
50433	<i>Dr. Balamurugan P</i>	<i>Associate Professor Grade 1</i>	3	<i>balamurugan.p@vit.ac.in</i>	9962104997	<i>Electric Vehicles, Power Quality, Battery Charging</i>
50439	<i>Dr. Nilanjan Tewari</i>	<i>Assistant Professor Senior Grade 2</i>	5	<i>nilanjan.tewari@vit.ac.in</i>	9434888960	<i>Power Electronics and Drives, Renewable Energy System, Microgrid systems</i>
50455	<i>Dr. Jamuna K</i>	<i>Professor Grade 1</i>	4	<i>jamuna.k@vit.ac.in</i>	9445212692	<i>Microgrid, Energy trading</i>
50565	<i>Dr. Subbulekshmi D</i>	<i>Professor Grade 1</i>	3	<i>subbulekshmi.d@vit.ac.in</i>	9442303555	<i>Process Control, Soft Computing Techniques, System Identification, Sensors Design/ Fusion, Medical Image processing with Sensor and Controller.</i>
50570	<i>Dr. Angalaeswari S</i>	<i>Assistant Professor Senior Grade 2</i>	5	<i>angalaeswari.s@vit.ac.in</i>	9841812993	<i>Renewable Energy Integration, Optimization Algorithms, Controller design, Controller tuning and control algorithms</i>
50571	<i>Dr. Deepa T</i>	<i>Professor Grade 1</i>	2	<i>deepa.t@vit.ac.in</i>	9884168409	<i>Control Systems, Process Control, Intelligent Control, Renewable Energy, Power electronics</i>
50572	<i>Dr. Iyswarya Annapoorani K</i>	<i>Professor Grade 1</i>	2	<i>iyswarya.annapoorani@vit.ac.in</i>	9884077358	<i>Power System Engineering, Smart Grid Automation</i>

50582	Dr. Kuruseelan S	Assistant Professor Senior Grade 2	5	kuruseelan.s@vit.ac.in	9487979323	Energy Digitalization and Trading, Big data analytics for Smart Grid
50594	Dr. Vaithilingam C	Professor Grade 1	3	vaithilingam.c@vit.ac.in	9884279294	Power System Operation and control, De-regulation
50596	Dr. Binu Ben Jose D R	Professor Grade 1	3	binuben.jose@vit.ac.in	7904147960	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	5	umayal.c@vit.ac.in	9003035785	Power converters, IoT, Electric Vehicles
50771	Dr. Gunabalan R	Professor Grade 1	2	gunabalan.r@vit.ac.in	9894919269	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	3	premalatha.l@vit.ac.in	7373438656	Smart grid and EV integration
50786	Dr. Mohamed Imran A	Associate Professor Grade 2	5	mohamedimran.a@vit.ac.in	9962680869	Power System Optimization & Control
50912	Dr. Arul R	Professor Grade 1	3	rarul@vit.ac.in	9865003003	Soft computing techniques, Smart grid, Renewable Energy systems, IOT & E_Vehicle.
50915	Dr. Jayapragash R	Associate Professor Senior	2	jayapragashr@vit.ac.in	9894182069	Electrical Machine Design, Power Converters and Electrical Drives.
50923	Dr. Sumathi V	Professor Grade 1	2	vsumathi@vit.ac.in	9677392265	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	6	inayathullah.a@vit.ac.in	9894225688	Electric Vehicles, Power converter, IoT applications, Special Motors and Drives, soft switching

52306	<i>Dr. Pritam Bhowmik</i>	<i>Assistant Professor Senior Grade 1</i>	5	<i>pritam.bhowmik@vit.ac.in</i>	9932354447	<i>Renewable Energy, Smart/Micro Grid, EVs</i>
53088	<i>Dr. Sitharthan R</i>	<i>Associate Professor Grade 1</i>	6	<i>anubhapsearline.s@vit.ac.in</i>	9976679826	<i>Distributed Generation Systems, Smart grid, Internet of Things (IoT), Smart Intelligent Systems.</i>