SCHOOL OF ELECTRICAL ENGINEERING

PhD. RESEARCH ADMISSIONS-DECEMBER 2020

LIST OF GUIDES

S.No	FACULTY NAME	DESIGNATION	AREA OF INTEREST	EMAIL ID	MOBILE NUMBER
1.	**Dr. Tapan Prakash**	Assistant Professor (Senior) Grade 1	Smart Grid, Wide-area power system monitoring, protection and control, Power system optimization	tapan.prakash@vit.ac.in	8770830130
2.	**Dr. Balamurugan S**	Associate Professor	VLSI, FPGA, POWER ELECTRONICS	sbalamurugan@vit.ac.in	9994085352
3.	**Dr. Geethanjali P**	Associate Professor	Signal processing and control, condition monitoring, machine learning	pgeethanjali@vit.ac.in	6383126952
4.	**Dr. Partha Sharathi Mallick**	Sr. Professor	VLSI Engineering, Reliability issues of Devices and Circuits, CNT Application	psmallick@vit.ac.in	9566656769
5.	**Dr. K V L Narayana**	Associate Professor	Sensors and optimization techniques	vlnarayana.k@vit.ac.in	9790763938
6.	**Dr. Ponnambalam P**	Associate Professor	Hybrid Solar PV TEG for Electric Vehicles, Mulicell converters, fuzzy logic controllers	ponnambalam.p@vit.ac.in	9894777845
7.	**Dr. Geetha M**	Associate Professor	Control system, Soft computing and Machine Learning	geetha.mani@vit.ac.in	9566919631
8.	**Dr. Indra Gandhi V**	Associate Professor	Soft computing , Power electronics, Renewable energy	indragandhi.v@vit.ac.in	9750603539
9.	**Dr. Kishore Bingi**	Assistant Professor Senior Grade 1	1. Fractional-order Controllers and Filters 2. Complex Fractional-order Systems and PID Control 3. Nonlinear Process Modelling & Control 4. Advanced PID Controllers 5. Wireless Monitoring and Control 6. Advanced and Hybrid Optimization Algorithms 7.	kishore.bingi@vit.ac.in	8179508772

			Open source toolboxes for Control using Scilab, Octave and Python		
10.	**Dr. Satyajit Mohanty**	Assistant Professor Sr.(Grade II)	Renewable Energy and Microgrid	satyajit.mohanty@vit.ac.in	7008185936
11.	**Dr. Uma Sathyakam P**	Assistant Professor Senior	Nanoelectronics, nano sensors, nano electrodes	umasathyakam.p@vit.ac.in	7904066018
12.	**Dr. Ruban N**	Associate Professor Grade I	Sensors and machine learning	nruban@vit.ac.in	9443449517
13.	**Dr. Chitra A**	Associate Professor	PV based systems, Neural Networks, Induction motor drives, Reliability analysis of multilevel inverters, and Electrical Vehicles	chitra.a@vit.ac.in	9894760447
14.	**Dr. Sri Hari Mandava**	Associate Professor	Automation using machine learning concepts, Power Systems	mandavasrihari@vit.ac.in	9751296300
15.	**Dr. Sathishkumar K**	Associate Professor	Power systems, smart grid, AI application to power management systems	ksathishkumar@vit.ac.in	9443623508
16.	**Dr. Meikandasivam S**	Professor	Smart Grid	meikandasivam.s@vit.ac.in	9791396835
17.	**Dr. Mathew M Noel**	Professor (HAG)	Machine Learning, Nonlinear Control, Global Optimization	mathew.m@vit.ac.in	9489343787
18.	**Dr. Vijayakumar D**	Professor	Power Systems, Renewable Energy, Smart grid	vijayakumar.d@vit.ac.in	9952068961
19.	**Dr. Subramanian K**	Associate professor	grid inter interface inverter operation, self excited induction generator, modeling and simulation	ksubramanian@vt.ac.in	9443687500
20.	**Dr. Suprava Chakraborty**	Assistant Professor Sr Gr. 2	Renewable energy, solar energy, green building, smart grid	suprava.chakraborty@vit.ac.in	9015313889
21.	**Dr. Prabhakar Karthikeyan S**	Associate Professor-senior	Deregualted Electricity market, Electric Vehicle management-Grid perspective, Home Energy management and Software architecture for smart grid application	sprabhakarkarthikeya@vit.ac.in	9894610689

22.	**Dr. Maddela Chinna Obaiah**	Assistant Professor (Sr)	Power System Stability Control, Time-Delay Systems	chinna.obaiah@vit.ac.in	9040222894
23.	**Dr. Mahendra V. Chilukuri**	Associate Professor	PQ ISSUES WITH EV, SMART SUBSTATION	mahendra.chilukuri@vit.ac.in	8056007226
24.	**Dr. Yaswant Sawle**	Assistant Professor senor grade 1	Renewable energy system	Yashwant.Sawle@vit.ac.in	9575005868
25.	**Dr. Jakeer Hussain**	Assistant Professor (Sr.) Grade 1	Solar and Wind power generation; Industrial Drives and Control	jakeer.hussain@vit.ac.in	9962604835
26.	**Dr. YP Obulesu**	Professor	Electric Vehicles, integration of EV into Smart grid, control of Electrical drives, Bidirectional dc-dc converters, DC Microgrid, Micro e-mobility, Smart DC Distribution systems	yp.obulesu@vit.ac.in	9966747042
27.	**Dr. Sankardoss V**	Assistant Professor Senior Grade 1	Renewable Energy Sources	vsankardoss@vit.ac.in	8825965509
28.	**Dr. Arulmozhivarman P**	Professor	Image Processing, Machine Learning, Health care Monitoring and Photonics Sensor Development	parulmozhivarman@vit.ac.in	9443311373
29.	**Dr. Janaki M**	Associate professor	Renewable Energy, Electric vehicles, power system stability	janaki.m@vit.ac.in	9444226403
30.	**Dr. Thirumalaivasan R**	Associate professor	Renewable Energy, Electric vehicles, power system stability	thirumalai.r@vit.ac.in	9444224855
31.	**Dr. D V Siva Krishna Rao K**	Assistant Professor	Smart grid-Solar Energy	sivakrishnarao.k@vit.ac.in	9000842042
32.	**Dr. Satyajit Das**	Assistant Professor (sr)	Control of Renewable Energy System	satyajit.das@vit.ac	7008705264
33.	**Dr. Himadhri Lala**	Assistant Professor (Sr. Grade 1)	Power System, Machine Learning, Renewable Energy Systems,Deep Learning, Signal Processing	himadri.lala@vit.ac.in	9437726246
34.	**Dr. Dhanamjayulu C**	Assistant Profsseor(Senior)	Power Electronics -Multilevel Inverter, Converters , Grid connected Systems and Hybrid Vehicles	dhanamjayulu.c@vit.ac.in	9042351765
35.	**Dr. Arun S L**	Assistant Professor	Smart Grid; Transactive Energy	arun.sl@vit.ac.in	7418167399

		Senior Grade 1	Management; Distributed Generation; Power Systems		
36.	**Dr. R. Sitharthan**	Assistant Professor	Renewable energy, Smartgrid, Electrical vehicle	sitharthan.r@vit.ac.in	9976679826
37.	**Dr. Manimozhi M**	Associate Professor	Control Systems, State Estimation, Health Monitoring, Soft computing	mmanimozhi@vit.ac.in	9443538068
38.	**Dr. K Selva Kumar**	Assistant Professor Senior Grade 2	Design and development of NIR based Imaging Systems for textile applications, Development of embedded or FPGA based devices for healthcare and wellness applications, Signal and Image Processing, ML based low power edge applications (with Industry's technical support)	selvakumar.k@vit.ac.in	9095252193
39.	**Dr. Sonam Shrivastava**	Asst. Prof Sr.	Microgrid control, Distributed Control	sonam.shrivastava@vit.ac.in	7978117961
40.	**Dr. Rama Prabha D**	Associate Professor	Distributed Generation	dramaprabha@vit.ac.in	9443099590
41.	**Dr. Praveenkumar M**	Assistant Professor (Sr.)	Process control, Control systems	praveen.m@vit.ac.in	9791435394
42.	**Dr. Rajanarayan Prusty B**	Assistant Professor Sr. Grade - 1	Application of Data Analytics to Power System Problems	b.r.prusty@ieee.org	6371257662
43.	**Dr. Marimuthu R**	Associate Professor	VLSI and Renewable Sources	rmarimuthu@vit.ac.in	9976494888
44.	**Dr. Raghunathan T**	Professor	Control, Optimization	raghunathan.t@vit.ac.in	9489969616
45.	**Dr. Jayabarathi T**	Senior Professor	Optimization, Renewable Energy, Power Systems	tjayabarathi@vit.ac.in	9488276543
46.	**Dr. Abhishek G**	Assistant Professor Senior	Signal / Image Processing, Sensor Systems, IoT.	abhishek.g@vit.ac.in	9003542499
47.	**Dr. Mageshvaran R**	Associate Professor	Power systems, Protection and switchgear, Optimization, Electric vehichles and Machines	rmageshvaran@vit.ac.in	9940859856
48.	**Dr. Washima Tasnin**	Assistant Professor (Sr.)	Power & Energy	washima.tasnin@vit.ac.in	9706473044
49.	**Dr. Ramesh V**	Professor	Machine Learning Applications in Engineering	vramesh@vit.ac.in	9944730510
50.	**Dr. Venkata Ramana Kasi**	Asst.Prof (Sr.Gr-1)	Identification of process models,	venkataramana.kasi@vit.ac.in	8473995749

			Identification and control of dc-dc converters		
51.	**Dr. Mahalakshmi P**	Professor	Signal Processing, Machine Learning, Modelling and Simulation, Robotics and Automation, Application of optimization algorithms in health care product design and development.	pmahalakshmi@vit.ac.in	8825479747
52.	**Dr. Arun N**	Associate Professor Grade 1	POWER ELECTRONICS & MACHINE LEARNING	narun@vit.ac.in	9789231117
53.	**Dr. Rajasekar N**	Professor	solar PV and Nano composites	nrajasekar@vit.ac.in	9952362301
54.	**Dr. Rammohan. A**	Assistant Professor Senior	Automotive LED Lighting Controls, Embedded predictive algorithms, Electric and Autonomous Vehicle, Battery Management Systems, Automotive Electrical and Electronics, Power electronics cooling	rammohan.a@vit.ac.in	9942570122
55.	**Dr. Thirumurugan C**	Assistant Professor (Sr. Grade-I)	High voltage insulation diagnostics, Partial discharge, HVDC, and pulsed electric field applications.	thirumurugan.c@vit.ac.in	9736759139
56.	**Dr.S.Balaji**	Associate Professor	Energy Engineering, Power Electronics, Sensor Networks, IoT	sbalaji@vit.ac.in	9443436702
57.	**Dr. Elangovan**	Associate Professor & Deputy Director - TIFAC-CORE	Electric vehicles, EV Charger, wireless technology for	elangovan.devaraj@vit.ac.in	9894207260
58.	**Dr.A.Karthikeyan**	Associate Professor Grade 1	Electric vehicles, CNTFET based solar cells, IoT based devices and architectures, Electromagnetics and RF circuits, VLSI and RF circuits	karthikeyan.arun@vit.ac.in	9884725721
59.	**Dr. Santanu Kumar Dash**	Asst. Professor	Grid connected renewable energy systems, Micro grid, Electric vehicle connected to grid, Power quality improvement.	santanukumar.dash@vit.ac.in	9938200722