

COLLEGE OF ENGINEERING PERUMON

DEPARTMENT- ELECTRICAL AND ELECTRONICS



FACULTY PROFILE

Name of the Faculty	Saritha M.			
Designation	Assistant Professor			
Email ID	saritham@perumonec.ac.in			
Qualifications				
Degree	Specialization	University	Year	
Btech	Electrical and Electronics	Calicut university	2002	
Mtech	Power Systems	Kerala University	2009	
PhD	Electrical Engineering	Amrita Vishwa Vidyapeetham Bengaluru	--Pursuing---	
Experience				
Designation	Institution		Period	
Assistant Professor	SHM Engineering College, Kadakkal		2004-2013	
Assistant Professor	College of Engineering Perumon		2013-2017	
Assistant professor	College of Engineering Vadakara		2017-2020	
Assistant professor	College of Engineering Perumon		2020-	
Areas of Interest	Power systems, Power Quality, Electric Vehicles			
Courses Taught	Power systems, Linear control systems, FACTS, Power System Analysis, Power Electronics, Electric and Hybrid Vehicle, Special Electrical Machines.			
Papers Published	1. "Light Fidelity Enabled Data Transmission with Automation and Biomedical Applications" IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e-ISSN: 2278-1661, ISSN: 2320-3331, Volume 10, Issue 2 Ver. III (Mar – Apr. 2015), PP 06-1 2. "Introduction Of Virtual Dc Bus In A Transformerless Grid Connected Cost Effective PV System For The Elimination Of Leakage Current" IJESRT International Journal Of Engineering Sciences & Research Technology ISSN: 2277-9655 Scientific Journal Impact Factor: 3.449 (ISRA), Impact Factor: 2.			

	3. "Fault Detection And Location In Transmission Lines Using Pole Climbing Robot" International Journal Of Engineering Sciences & Research Technology ISSN: 2277-96 Scientific Journal Impact Factor: 3.449 (ISRA), Impact Factor: 2.114		
Academic Accomplishments	Training Programmes / FDPs / Short term courses / Workshops attended:		
	Name of the Course / Programme	Venue and Dates	Duration days
	Computational Tools In Research	College of Engineering,Attingal Nov19 th To Dec 2 nd 2013	14 Days
	Intelligent Systems	College of Engineering,Vadakara Oct 21 st To 25 th	5 Days
	Robotics And Embedded Systems	College of Engineering,Perumon Sept 3 rd To 7 th 2013	5 Days
	Embedded Systems	College of Engg Vadakara,Aug 27 th To 31 st 2013	5days
	Electric And Hybrid Vehicles		5 Days
	Workshop on LateX	College of Engg Perumon April 9 th - 13 th 2015	3 Days
	Modelling And Simulation Of Pow Electronics & Power Systems	College of Engg Perumon,July 20 th -25 th 2015	5 Days
	VLSI Design-Research Perspective	College of Engg Perumon,July 20 th -26 th 2016	6 Days
	FDP On Learning Improvement Techniques(Pedagogy Training)	IIT Madras Aug 18 th To 20 th 2016	3 Days
	Optimization Techniques in Engineering Research	College of Engineering Perumon July 28 th - 30 th 2016	3Days
	Workshop on Power Electronics and Drives	TKM College of Engineering Jan 3 rd -4 th 2018	2 Days
	Optimization Techniques and its Engineering Applications	TKM College of Engineering Dec 31 st 2018 -Jan 5 th 2019	6 Days
	Power Electronics Technology its Application and Control(PETAC- 19)	College of Engineering Vadakara Jan 14 th -18 th 2019	5 Days
	Industrial Automation	College of Engineering Perumon Jan 16 th -18 th 2019	3 Days
	Nano Electronics & VLSI	College of Engineering Vadakara Aug 5 th -7 th 2019	3 Days
	Mathematicalfoundation on Logic and Combinatorics	GEC Barton Hill Dec 2 nd -7 th 2019	6 Days
	Recend Trends in Communication and Networking	GEC Barton Hill Jan 6 th -11 th 2020	6 Days
	Robotics -Modelling ,Planning and Control -Phase I	Government Engineering College Palakkad March 15 th -20 th 2021	6 Days
Role of Power Electronics in Renewable Energy Systems	College of Engineering Kidangoor July 5 th -9 th 2021	5 Days	

Energy Management and Audit	College of Engineering Muttathara, July 26 th -30 th 2021	5 Days
Robotics and Control: Theory and practical Approaches	College of Engineering Perumon September 13 th – 17 th 2021	5 Days
Research Trends in Design and control of Electric Vehicles	College of Engineering Perumon Jan 17 th -21 st 2022	5 Days
DC Community level Grid Challenges in Protection, Control and Stability(DCLG)	NIT Calicut ,March 1 st -5 th 2022	5 Days
Seminars/Symposia/Conferences Attended		
Name of the Seminar/Symposia/Conference	Venue & Dates	National Internati
8 TH NATIONAL CONFERENCE ON TECHNOLOGICAL TRENDS(NCTT 2007)	COLLEGE OF ENGINEERING, TRIVANDRUM 30 TH NOVEMBER –1 ST DECEMBER 2007	NATIONAL
International Conference on Emerging Trends in Engineering and Technology(IFERP)	National Institute For Engineering And Research(NIER) 8 th March 2015	INTERNAT L
International Conference on Future Technologies in Engineering (ICFTE 2016)	COLLEGE OF ENGINEERING, PERUMON 24.10.2016 to 26.10.2016	INTERNAT L
2nd National Conference on Future Technologies in Power Control And Communication Systems(NFTPCOS'17)	COLLEGE OF ENGINEERING, PERUMON March 23 rd - 24 th March 2017	NATIONAL
Industrial Trainings Attended		
Name of the Industrial Training Attended	Industry & Dates	Place of Tr
Smart Grid and the Internet of Things	Central Power Research Institute(CPRI-Govt of India Society ,Ministry of Power) Feb 2 nd -3 rd 2017	Bangalore
High Speed Reconfigurable Power Electronic Controller(HSRPEC)	Centre for Development of Advanced Computing(CDAC-A Scientific Society of the Ministry of Communication and Information Technology ,Government of India) Feb 15 th ,22 nd -23 rd 2017	Trivandrum
Robotics and Embedded Systems	Knowledge Services Group (KELTRON-Govt of Kerala Undertaking) August 3 rd -5 th 2019	Trivandrum

	Name of the FDP/Seminar/Symposia/Conference Organised	Venue & Dates	National Internatio
	International Conference on Future Technologies in Engineering (ICFTE 2016)	College of Engineering, Perumon Oct 24 th - 26 th 2016	INTERNAT NAL
	2ndNational Conference on Future Technologies in Power Control And Communication Systems(NFTPCOS'17)	College of Engineering, Perumon March 23 rd - 24 th March 2017	NATIONAL
	Modern Trends in Power Electronics	College of Engineering, Perumon March 8 th - 12 th 2021	FDP
	Funded Projects		
	Name of Project	Student/Research	Funding Agency
	Water cleaning Vacuum Pump and quality monitoring systems	Student Project	CERD (KTU
Membership in Professional Societies			
Other Responsibilities	MODROB E-Mobility Lab Department Coordinator, KTU Coordinator, Arts Coordinat Tutorship(2020-2024 batch)		