


FACULTY PROFILE

1	Name of Faculty	PREETHA K.P.		
2	Designation	Associate Professor		
3	Department	Electrical & Electronics Engineering		
4	Contact No.	9447959734		
5	Email	kppreetha@hotmail.com		
6	Academic Qualifications			
	B.Tech.	Electrical Engineering	Govt. Engineering College, Thrissur	
	M.Tech	Control, Guidance & Instrumentation	IIT, Madras	
7	Professional Experience			
	Period Served	Name of institution	Designation	
	01-02-1990 to 29-10-2000	Govt. Engg. College, Thrissur	Lecturer	
	30-10-2000 to 31-12-2001(FN)	Govt. College of Engg., Sreekrishnapuram	Assistant Professor	
	31-12-2000(AN) to 17-6-2010	Govt. Engg. College, Thrissur	Assistant Professor	
	18-6-2010 to 31-1-2013(FN)	Govt. Engg. College, Idukki	Associate Professor	
	31-1-2013(AN) to till date	Govt. Engg. College, Thrissur	Associate Professor	
8	Publications (List is attached)			
	Journal	Nil		
	International Conference	6		
	National Conference	1		
9	No. of STTPs attended from 2010 to 2016	12Nos. (List is attached)		
10	Membership in professional Bodies	ISTE ,FIE		
11	No. of M.Tech. projects guiding/guided	Guided	Guiding	
		6	1	
	No. of PhD Scholars guiding			
12	Field of interest	Advanced Power Systems Control ,Power quality		
13	Additional Responsibilities	<ul style="list-style-type: none"> ➤ Institutional Coordinator, TEQIP Academics. ➤ Dept. charge of UG Accreditation ➤ Dept. overall Lab in charge ➤ 		

List of STTP'S /Workshops attended(For the last Five years)

Sl No	Name of Course	Period	No . of days	Name of institution
1	Management Development Programme	1)8-3-11 to 10-3-11	3	GEC, Thrissur
2	English Proficiency through Language Lab	2)9-7-12 to 14-7-12	6	GEC, Idukki
3	Computational Tools for Engineering Applications	3)17-12-12 to 21-12-12	6	GEC, Idukki
4	Academic Leadership	4)7-3-13 to 9-3-13	3	IIM, Kozhikode
5	Power Electronics ,Drives & Control	5) 02-07-13 to 05-07-13	4	IIST,TVM
6	Mathematical modelling And Analysis of systems	6) 10-6-13 to 14-6-13	5	GEC, Thrissur
7	Computational tools in Engineering Applications	7)24-7-13 to 28-7-13	5	GEC,Thrissur
8	Workshop on magnetic Simulator, Simplorer and PExpert	8)13-7-13 to 14-7-13	2	GEC, Thrissur
9	Workshop on Research Methodology and Intellectual Property Rights	9)11-12-13 to 13-12-13	3	GEC, Thrissur
10	Workshop on Document Preparation using LaTeX	10)03-12-14 to 05-12-14	3	
11	Workshop on Emerging Smart Grid technologies & future directions	11)16-4-15 to 18-4-15	3	Amrita school of Engg., Coimbatore
12	Development of Smart grid	12) 27-7-15 to 31-7-15	5	GEC, Thrissur
13	Modelling and Control in Power Electronics	13)14/7/15 to 17/7/15	4	GEC,Thrissur
14	Energy Audit	14)17-10-16 to 19-10-16	3	GEC,Thrissur

List of STTP/ Workshops conducted

Sl No	Name of Course	Period	No. of days	Name of institution
1	Familiarisation of PSCAD Software for Power Simulation studies	1)18-1-10 to 23-1-10	6	GEC, Thrissur
2	Applications of Power Electronics in Power Systems	2)21-11-11 to 26-11-11	6	GEC, Idukki
3	Workshop on “Document preparation using LaTeX”	3) 03-12-14 to 05-12-14	3	GEC, Thrissur

Publications

Sl.No	Title of Paper	Name of Authors	Name of Conference
1	Performance Assessment of Fuel cell based Energy system	Anju Shamsudheen, Preetha K.P.	National Conference on PICC, 2010, GEC, Thrissur
2	Neural Network Controlled Three leg DSTATCOM for a Diesel Generator Based Microgrid	Gireesh Kumar A, Preetha K. P.	International Conference on Emerging Trends in Electrical Engg, Elsevier Publications,2014,pp117-121)
3	Power quality Enhancement using Distributed Generation Inverters with Active Power Control	Preetha K.P, Jayanand B and Reji P	IEEE International Conference on TAP Energy,2015,
4	Harmonic Compensation of an Industrial Distribution system with Shunt Active filter	Praveen Prathap and Preetha K.P.	National Conference GECIAN,2015 at GEC, Idukki
5	Performance comparison of hysteresis and resonant current controllers for a grid connected inverter	Preetha K.P, Jayanand B and Reji P	IEEE International Conference on PICC 2015, GEC,Thrissur
6	Performance Analysis of a Synchronous Generator based	Vani.T.G,	International Conference on ICNGIS

	Hybrid Power system	Preetha K.P.	1st - 3rd Sept,2016
7	Performance Analysis of a Multifunctional PV Grid connected Inverter with Power Quality Improvement	Vivek K.R, Preetha K.P.	International Conference on Recent Trends in Engineering & Technology (ICoRTET 2016) 3 - 5th October, 2016, Kochi