


FACULTY PROFILE

1	Name of Faculty	MINI V.			
2	Designation	Associate Professor			
3	Department	Electrical Engineering			
4	Contact No.	8547427368			
5	Email	mini@gectcr.ac.in			
6	Date of joining service	10-03-2003			
7	Academic Qualifications				
	Degree	Year	Branch/Area of Specialization	Institution	
	M.Tech.	2007	Power Systems	National Institute of Technology, Calicut	
	B.Tech.	1995	Electrical & Electronics Engg	College of Engineering, Thiruvananthapuram, Kerala University	
8	Professional Experience				
	Period Served	Name of institution		Designation	
	10-03-2003 to 31-12-2005	Govt. Engg. College, Thrissur		Lecturer	
	01-01-2006 to 26-09-2013	Govt. Engg. College, Thrissur		Assistant Professor	
	27-09-2013 to till date	Govt. Engg. College, Thrissur		Associate Professor (CAS)	
9	Publications (List is attached)				
	Journal	2 Nos.			
	International Conference	4 Nos.			
	National Conference	Nil			
10	No. of STTPs attended	24 Nos.			
11	Membership in professional Bodies	Life member ISTE, Member IEEE			
12	No. of M.Tech projects guiding/guided	Guided 2	Guiding 1		
	No. of PhD Scholars guiding	Nil			
13	Field of interest	Power System Restructuring Issues, Reactive Power Management, Market models, Power System Analysis and Optimization			
14	Additional Responsibilities	<ul style="list-style-type: none"> ➤ Faculty-in-charge of Electronics Lab ➤ Faculty-in-charge of Project Lab ➤ IEEE PES SB Chapter Advisor ➤ Co-coordinator, Criterion III, Dept. Accreditation Committee 			

LIST OF INTERNATIONAL JOURNALS/CONFERENCES/NATIONAL CONFERENCES

DETAILS OF INTERNATIONAL/NATIONAL CONFERENCE

- 1) Mini V, Hridya K. R., R. Visakhan, Asha Anu Kurian, “Comparative study of voltage stability enhancement of a grid and loss reduction using STATCOM and SSSC,” *Power, Instrumentation, Computing and Control (PICC – 2015) IEEE International Conference on, 9-11 December 2015.*
- 2) Mini V, Hridya K. R., R. Visakhan, Asha Anu Kurian, “Analysis of voltage stability enhancement of a grid and loss reduction using series FACTS controllers,” *Power, Instrumentation, Computing and Control (PICC – 2015) IEEE International Conference on, 9-11 December 2015.*
- 3) Mini, V.; Sunil Kumar, T.K., "Diversity Enhanced Particle Swarm Optimization based Optimal Reactive Power Dispatch," in *Advancements in Power and Energy (TAP Energy), 2015 IEEE International Conference on* , pp. 170-175, 24-26 June 2015.
- 4) Mini V, Renuka T. K., Sobha Manakkal, “A Dual Input Fuzzy Power System Stabiliser with tuned scaling parameters”, International Conference, VAST, June 2011.

DETAILS OF INTERNATIONAL/NATIONAL JOURNALS

- 1) Mini V, Hridya K. R., R. Visakhan, Asha Anu Kurian, “Comparative study of voltage stability enhancement of a grid using FACTS controllers,” *Int. Journal of Innovative Science Engineering & Technology*, Vol. 2, No. 5, May 2015, pp. 328 – 332.
- 2) Mini V, M. N. Bandyopadhyay, T. K. Sunil Kumar, “Optimal Allocation of FACTS devices – A chronological review,” *International Journal of Energy Conversion (IRECON)*, vol. 1, no. 2, March 2013, pp. 118 – 125.

LIST OF STTPs ATTENDED

Sl No	Name of Course	Period		No. of days	Name of institution
		From	To		
1	Internet and E-Commerce	18-12-2000	30-12-2000	13	College of Engg, Chengannur
2	Advanced field theory and related software in Electrical engineering	12-11-2001	24-11-2001	13	College of Engg, Thiruvananthapuram
3	CRM strategies for Technical Institutions	02-01-2003	15-01-2003	14	College of Engg, Chengannur

4	Power system studies using software packages	01-01-2004	14-01-2004	14	Govt. Engg. College, Thrissur
5	Simulation of Power and Power Electronic System using PSCAD, ETAP & MATLAB	24-05-2004	04-06-2004	12	Karunya Institute of Technology, Coimbatore
6	Recent Trends in Metering and Calibration	06-01-2006	07-01-2006	2	National Institute of Technology, Calicut
7	SCADA Systems and Utility Automation	23-02-2007	24-02-2007	2	National Institute of Technology, Calicut
8	Modern Developments in Machines and Drives	01-01-2008	05-01-2008	5	College of Engg, Thiruvananthapuram
9	Tools and Techniques for Modelling and Design of Systems	20-02-2008	04-03-2008	14	Govt. Engineering College, Thrissur
10	Power Electronics and Control	18-02-2009	03-03-2009	14	Govt. Engineering College, Thrissur
11	Effective Teaching/ Learning of Computer Programming	14-12-2009	24-12-2009	11	Govt. Engineering College, Thrissur
12	Familiarization of PSCAD Software for Power Simulation Studies	18-01-2010	23-01-2010	6	Govt. Engineering College, Thrissur
13	Wipro Mission 10X Workshop	14-06-2010	18-06-2010	5	MET's School of Engineering, Mala, Thrissur
14	Soft Computing Techniques in Power System Optimization and FACTS Technology	13-12-2010	20-12-2010	8	College of Engg, Thiruvananthapuram
15	Smart Grid Engineering	22-05-2011	04-06-2011	14	National Institute of Technology, Calicut
16	Empowerment of Women	31-10-2011	04-11-2011	5	Institute of Management in Government, Cochin
17	Research Methodology in Science Engineering and Management	26-09-2013	28-09-2013	3	National Institute of Technology, Calicut
18	Modelling Week and Study Group Meeting on Industrial Problems	02-12-2013	14-12-2013	13	National Institute of Technology, Calicut
19	Security Assessment and Power Management in Smart Grid	15-06-2015	19-06-2015	5	National Institute of Technology, Calicut

20	FDP on Research Methodology	29-07-2015	31-07-2015	3	Govt. Engineering College, Thrissur
21	Workshop on “Wind Emulator”	03-02-2016	05-02-2016	3	Govt. Engineering College, Thrissur
22	FDP on Teaching Learning	05-05-2016	07-05-2016	3	Indian Institute of Technology, Madras
23	ISO 9001 Internal Quality Audit	27-06-2016	29-06-2016	3	Govt. Engineering College, Thrissur
24	Workshop on Energy Audit	17-10-2016	19-10-2016	3	Govt. Engineering College, Thrissur

LIST OF STTPs CONDUCTED

Sl No	Name of Course	Period		No. of days	Name of institution
		From	To		
1	Workshop on Energy Audit	17-10-2016	19-10-2016	3	Govt. Engineering College, Thrissur

ADDITIONAL INFORMATION, IF ANY

- 1) Worked as Joint Convener, of the National Conference on Power Instrumentation Control and Computing, PICC-2010, organized by the Dept. of EE at Govt. Engineering College, Thrissur held from 04-03-2010 to 06-03-2010.

LIST OF M.Tech PROJECTS GUIDED

Sl No	Name of Course	Period	Name of student
1	Dual Input Fuzzy Power System Stabiliser with tuned scaling parameters	2010-11	Renuka T. K.
2	Fuel Cell based Power Source	2011-12	Neenu B.
3	Model Predictive Control of Transformer-less Inverter Based Dynamic Voltage Restorer	2016-17	Biffie Jose