


FACULTY PROFILE

1	Name of Faculty	M. J. LALY			
2	Designation	Assistant Professor			
3	Department	Electrical & Electronics Engineering			
4	Contact No.	9447352934			
5	Email	lalytcr@gmail.com			
6	Academic Qualifications				
	Degree	Year	Branch/Area of Specialization	Institution	
	M.Tech.	2008	Power Systems	National Institute of Technology, Kozhikode	
	B.Tech.	1995	Electrical & Electronics Engg	Government Engineering College, Thrissur, University of Calicut	
7	Professional Experience				
	DATE OF JOINING IN D.T.E.: 14.01.2004				
	Period Served	Name of institution		Designation	
	18.08.1997 to 31.03.1998	Govt. Engg. College, Thrissur		Provisional Lecturer	
	02.04.1998 to 08.01.1999	Govt. Engg. College, Thrissur		Guest Lecturer	
	11.01.1999 to 27.04.1999	GVHSS, Cherpu, Thrissur		Vocational Lecturer	
	21.06.1999 to 15.03.2000	Govt. Engg. College, Thrissur		Guest Lecturer	
	02.02.2001 to 27.08.2001	MPT, Mala, Thrissur (IHRD)		Lecturer	
	28.08.2001 to 13.01.2004	MEC Ernakulam (IHRD)		Lecturer	
	14.01.2004 to 31.12.2005	Govt. Engg. College, Thrissur		Lecturer	
	01-01-2006 to till date	Govt. Engg. College, Thrissur		Assistant Professor	
8	Publications (List is attached)				
	Journal	Nil			
	International Conference	3 Nos.			
	National Conference	2 Nos.			
9	No. of STTPs attended	38 Nos.			
10	Membership in professional Bodies	IEEE IEEE Power & Energy IEEE Industrial Electronics Society The Institute of Engineers (India) Indian Society for Technical Education (ISTE)			
11	No. of M.Tech. projects guiding/guided	Guided	Guiding		
		2	1		

	No. of PhD Scholars guiding	Nil
12	Field of interest	Power System Operation & Control, FACTS & Custom Power Devices, Renewable Energy & Smart Grid
13	Additional Responsibilities Handled/ Handling	<ul style="list-style-type: none"> ➤ Member - Counseling cell ➤ Member - Pain & Palliative Care Unit (OASIS) ➤ Department Academic Coordinator - TEQIP ➤ Member - Board of Studies, University of Calicut ➤ Executive Member - College Council ➤ Department Staff Club in Charge ➤ Group Tutor - S3 M.Tech. Power Systems ➤ Institutional level Accreditation coordinator

LIST OF INTERNATIONAL JOURNALS/CONFERENCES/NATIONAL CONFERENCES

DETAILS OF INTERNATIONAL/NATIONAL CONFERENCE

Name of publication/paper presentation	Details of journals/publications	Date & year of paper presentation & Co-Auther	Is On-line available? (Yes/No)
2007-08			
<i>“Dynamic Model and Controllability Measure of UPFC fro damping low frequency oscillations in Power Systems”</i>	Proceedings of III National Conference on Recent Trends and Emerging Technologies in Electrical Systems (ELCON'08) at National Engineering College, Tamilnadu	13 March 2008, pp.15-22 (R. Sunitha)	No
2013-14			
<i>“Genetic Neuro Controller based Direct Torque Control of Switched Reluctance Motor”</i>	Proc. 2 nd National Conference on Emerging Trends in Computing - NCETIC'13 at Govt. Engineering College, Thrissur	13-15 June 2013, (K. Sreejith, R.Lakshmi, S. Lakshmi Karthika)	Yes
2015-16			
<i>“Reactive Power Compensation in Motor Start Applications using FACTS Devices”</i>	Proc. 2 nd International Conference on Emerging Trends in Technology and Applied Sciences - ICETTAS-15 at SAINTGITS College of Engineering, Kottayam	30 th April, 1 st & 2 nd May 2015, (Mohan Kumar P)	No
<i>“Particle Swarm Optimization based Optimal Power Flow Management of Power Grid</i>	Proc. Biennial International Conference on Power & Energy System: Towards Sustainable Energy -2016 (PESTSE 2016) at	21-23 January 2016; (Elizabeth P Cheriyan & Abraham T Mathew)	Yes

<i>with Renewable Energy Sources and Storage”</i>	Amrita Vishwa Vidyapeetham University, Bengaluru		
<i>“Soft Computing Technique based Optimal Operation of Power Grid with Renewable Energy Sources and Storage Systems”</i>	Proc. 2016 IEEE International Conference on Industrial Technology (ICIT 2016) at Howard Plaza Hotel, Taipei, Taiwan	14-17 March 2016; (Elizabeth P Cheriyan & Abraham T Mathew)	Yes

LIST OF STTP'S ATTENDED

Sl. No	Name of Course	Period		No. of days	Name of institution
1	High Performance Cluster Computing using Open Source Software	17.12.2001	29.12.2001	13	Model Engineering College, Ernakulam
2	GNU/LINUX operating system and its effective use in computing curricula	05.08.2002	18.08.2002	14	Model Engineering College, Ernakulam
3	Wireless Communication & Networking	25.10.2004	06.11.2004	13	Mar Atharadius College of Engineering, Kothamangalam
4	Induction Training for Teachers	22.08.2005	03.09.2005	13	Govt. Engineering College, Thrissur
5	Power Quality Issues & Solutions	11.06.2007	23.06.2007	13	National Institute of Technology, Calicut
6	Workshop on Science Communication through Digital Media	11.02.2008	17.02.2008	7	National Institute of Technology, Calicut
7	Distributed Generation & Power Quality	09.06.2008	13.06.2008	5	National Institute of Technology, Calicut
8	Faculty Awareness Camp on Entrepreneurship	14.06.2008	16.06.2008	3	National Institute of Technology, Calicut
9	Fuzzy Logic Tools for Engineers	15.06.2008	28.06.2008	14	National Institute of Technology, Calicut
10	Analysis of Modern Power Systems	16.03.2009	20.03.2009	5	Indian Institute of Science, Bangalore
11	Emerging Trends in Operation Management	14.12.2009	19.12.2009	6	Govt. Engineering College, Thrissur
12	Power Quality issues & Solutions	15.02.2010	20.02.2010	6	Govt. Engineering College, Thrissur
13	Awareness on Research Strategies	06.10.2010	07.10.2010	2	Govt. Engineering College, Thrissur
14	Workshop on Solar Photovoltaic & Solar Thermal	16.03.2011	16.03.2011	1	Govt. Engineering College, Thrissur

15	ISO 9001:2008 Awareness	11.01.2011	11.01.2011	1	Govt. Engineering College, Thrissur
16	Smart Grid Engineering	22.05.2011	04.06.2011	14	National Institute of Technology, Calicut
17	Training on Empowerment of women	31.10.2011	04.11.2011	5	Institute of Management in Govt., Kakkanad, Cochin
18	Life Skill Education & Counseling	05.03.2012	10.03.2011	6	Govt. Engineering College, Thrissur
19	Advances in Control Strategies & Instrumentation	01.08.2012	07.08.2012	7	Govt. Engineering College, Thrissur
20	Basic Counseling Techniques	20.08.2012	24.08.2012	5	Govt. Engineering College, Thrissur
21	Counselor Development Workshop for engineering College Teachers	13.10.2012	14.10.2012	2	Govt. Engineering College, Thrissur
22	ISO 9001:2008 Internal Audit	14.12.2012	14.12.2012	1	Govt. Engineering College, Thrissur
23	Academic Leadership for Govt. Engineering College, Thrissur	07.03.2013	09.03.2013	3	Indian Institute of Management, Kozhikode
24	Workshop on Advanced Power System Operation, Protection & Control (APSOPC-13)	25.03.2013	28.03.2013	4	RV College of Engineering, Bangalore
25	Tex Based Applications	25-4-2013	27-04-2013	3	Govt. Engineering College, Thrissur
26	Digital Controllers for Management of Renewable Energy Sources	14.05.2013	20.05.2013	7	Govt. College of Engg., Bargur, Tamilnadu
27	Mathematical Modeling and Analysis of Systems	10.06.2013	14.06.2013	5	Govt. Engineering College, Thrissur
28	Advanced Control Theory and Applications	08.12.2013	14.12.2013	7	National Institute of Technology, Calicut
29	Workshop on Trends in Substation Automation - IEC 61850	01.12.2014	03.12.2014	3	CPRI, Bangalore
30	Seminar on Solar Power Plants for Residential, Commercial Utility and Off-Grid Applications	17.12.2014	18.12.2014	2	National Institute of Technology, Calicut
31	Workshop on Emerging Smart Grid Technologies & Research Direction	16.04.2015	18.04.2015	3	Amrita School of Engg., Coimbatore
32	Power Electronics for Grid Connected Renewable Energy System (PEGCRE-2015)	14.05.2015	16.05.2015	3	National Institute of Technology, Calicut

33	Security Assessment and Power Management in Smart Grid (SAPMS 2015)	15.06.2015	19.06.2015	5	National Institute of Technology, Calicut
34	Workshop on Research Writing: Technical and Language Aspects	28.02.2016	28.02.2016	1	National Institute of Technology, Calicut
35	Power System design & Analysis using Dig SILENT Power Factory Software	06.08.2016	08.06.2016	3	DELLSOFT Technologies Pvt., Ltd.
36	School on Systems and Control	29.06.2016	06.07.2016	8	National Institute of Technology, Calicut
37	Learning Improvement Techniques	18.08.2016	20.08.2016	3	IIT Madras
38	Renewable Energy-Solar PV System	11.01.2017	11.01.2017	1	CIAL Academy, Cochin International Airport Ltd.

LIST OF STTP'S COORDINATED & CONDUCTED

Sl. No	Name of Course	Period		No. of days	Name of institution
1	Familiarization of PSCAD Software for Power Simulation Studies	18.01.2010	23.01.2010	6	Govt. Engineering College, Thrissur
2	Volunteer Leadership Training Programme	21.01.2012	21.01.2012	1	Govt. Engineering College, Thrissur
3	Guidance & Counseling	21.01.2013	25.01.2013	5	Govt. Engineering College, Thrissur
4	Energy Audit	17.10.2016	19.10.2016	3	Govt. Engineering College, Thrissur

LIST OF M.Tech PROJECTS GUIDED

Sl. No	Title of Thesis Report	Period	Name of student
1	A Wind PV Battery Hybrid System	2011-12	Parvathy Krishnan
2	Reactive Power Compensation of Motor Start Applications	2012-13	Mohan Kumar P

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