


FACULTY PROFILE

1	Name of Faculty	BINOY B B		
2	Designation	ASSISTANT PROFESSOR		
3	Department	Electrical Engineering		
4	Contact No.	9496366263		
5	Email	binoy@gectcr.ac.in		
6	Academic Qualifications			
	Degree	Year	Branch/Area of Specialization	Institution
	B.Tech	2004	Electrical & Electronics	GEC Thrissur
	M.Tech	2009	Control Systems	CET Trivandrum
7	Professional Experience			
	Period Served	Name of institution		Designation
	01-06-2009 to 17-11-2009	TCC Udyogamandal		Executive Trainee
	18-11-2009 to 31-01-2012	KSEB		Assistant Engineer
	01-02-2012 till date	GEC Thrissur		Assistant Professor
	Date of Joining in Technical Education Dept: 01.02.2012			
8	Publications (List is attached)			
	Journal	Nil		
	International Conference	3Nos.		
	National Conference	2Nos.		
9	No. of STTPs attended from 2012 till date	Nos. 13 (List is attached)		
10	Membership in professional Bodies	ISTE		
11	No. of M.Tech. projects guiding/guided from 2012 till date	Guided	Guiding	
		5	1	
	No. of PhD Scholars guiding	Nil		
12	Field of interest	Control Systems, Power Electronics		
13	Additional Responsibilities	Group Tutor of 2013 Batch		
		Co-ordinator of peer group		
		Faculty Advisor of ISTE GEC Student's Chapter		

PUBLICATIONS DETAILS

(IN CHRONOLOGICAL ORDER)

■ International Conferences

1. **Binoy B B, Reshma K K, “ZVS High-Frequency Series Resonant Inverter for Induction Heating Applications”** IEEE International Conference on Power, Instrumentation, Control and Computing (PICC), **December 2015**
2. **Binoy B B, Sebastian Varghese, “Implementation of a High Step-Down Single Switch AC-DC Converter using Integrated Buck Buck-Boost Topology”,** International Conference on Power, Instrumentation, Control and Computing (PICC), **December 2015**
3. **Binoy B B, Sowmya S, “Back to Back Connected Bridgeless Buck-Boost Converter Based Multiple-Output SMPS”** International Conference on Emerging trends in Smartgrid Technologies (INCETS'16)

■ National Conferences

1. **Binoy B B, Anees V P, “Low-Cost Direct Torque Controller for Induction Motor with a Single Current Sensor”,** National Conference on Innovative Emerging Strategies in Power Energy & Control 2013 (IESPEC-2013)

LIST OF STTP'S ATTENDED/COORDINATED

2011-12

Sl No	Name of Course	Period	No. of days	Name of institution
1	STTP on Emerging trends automobiles and emission control systems	March 1-3 2012	3	Govt. Engg College Thrissur

2012-13

Sl No	Name of Course	Period	No. of days	Name of institution
1	Essential networking & web applications for an Engg: faculty	Dec 10-12,2012	6	Govt. Engg college Thrissur
2	Performance improvement in operation and maintenance of EHV substation	Jan 7-10, 2013	4	ESCI, Hyderabad
3	Academic Leadership	March 7-9, 2013	3	IIM, Kozhikode

2013-14

Sl No	Name of Course	Period	No. of days	Name of institution
1	Tex Based Applications (sponsored by TEQIP Phase II)	April 25-27 2013	3	Govt. Engg college Thrissur
2	Workshop on magnetic Simulator, Simplorer and PExpert	August 13-14, 2013	2	Govt. Engg college Thrissur
3	Applications of Power Electronics (sponsored by TEQIP Phase II)	Oct 7-11, 2013	5	Govt. Engg college Thrissur
4	Electrical estimation and energy management	Dec 17-19, 2013	3	Govt. Engg college Thrissur
5	Real Time simulation for drives	Jan 6-10 2014	5	OPAL- RT Technologies LTD, Bangalore

2014-2015

Sl No	Name of Course	Period	No. of days	Name of institution
1	<i>Energy Management on Smart Grid using Power Electronics</i>	20.05.2015 to 22.05.2015	3	Royal College of Engineering Akkikavu
2	<i>National Seminar on Green Technology, Rural Development Solar and smart Energy Systems</i>	11.09.2015 to 13.01.2015	3	GEC Thrissur
3	<i>Control of Drive for Robots and Automobiles</i>	23.11.2015 to 27.11.2015	5	College of Engineering Trivandrum

2015-16

Sl No	Name of Course	Period	No. of days	Name of institution
1	Workshop on Wind Emulator	03.02.2016 to 05.02.2016	3	GEC Thrissur
2	Energy Audit	17.10.2016 to 19.10.2016	3	GEC Thrissur