

FACULTY PROFILE

1	Name:	RENJITH G
2	Designation:	Assistant Professor
3	Gender:	Male
4	DOB:	21/04/1983
5	Nationality:	Indian
6	Marital Status:	Married
7	Father's / Guardian's/Spouse' Name:	S. Gopalakrishnan
8	<input checked="" type="checkbox"/> Permanent Address	<input checked="" type="checkbox"/> Communication Address
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9	📞Mobile (1):9995085696	📞Mobile (2): 8078185696
10	✉email: renjithrouters@gmail.com	
11	Date of Entry of Service in CAPE:	
12	Designation:	
13	Date of Entry of Service in this Institute: 27/07/2015	
14	Designation: Assistant Professor (Adhoc)	
15	Nature of appointment: Contractual	

16. Educational Qualifications: <i>(in reverse chronological order) (attach copies of Certificates)</i>					
Examination	Specialization	College / Institute	University	Year	% / CGPA / Rank
M Tech	VLSI & Embedded Systems	TKM Institute of Technology, Karuvelil	CUSAT	2014	8.47
B.Tech	Electrical & Electronics Engineering	Travancore Engineering College, Ooor	University of Kerala	2006	74.4
Pre Degree	Ist Group	SreeNarayana College, Kollam	University of Kerala	2001	75.4
SSLC	General	Govt. High School, Pooyappally	Board of Public Examinations, Kerala	1999	84.8

17. Academic Achievements:(GATE / NET etc.) <i>(in reverse chronological order) (attach copies of Certificate)</i>		
Examination	Year	Score
GATE	2011	335

18. Professional Experience <i>(in reverse chronological order) (attach copies of appointment order / experience certificate)</i>			
Organization	Designation	Period	Duration (Yr, Month)
SreeNarayana Polytechnic, Kottiyam	Guest Lecturer	05-08-2014 17-07-2015	1 Year
Kerala State Electricity Board, 110 kV Substation Koodal, Pathanamtitta	Assistant Engineer	01-09-2008 01-09-2012	4 Years
Younus College of Engineering and Technology, Kollam	Lecturer	03-10-2007 06-04-2008	6 Months
Manoj Electricals, Ernakulam	Electrical Supervisor	12-09-2006 03-05-2007	8 Months

19. Training Programmes / FDPs / Short term courses / Workshops attended: <i>(in reverse chronological order) (attach copies of certificate)</i>		
Name of the Course / Programme	Venue& dates	Duration in days
Faculty Development Program on “ Recent Trends in Power Electronics and Drives”	College of Engineering Trivandrum 18-06-2018 to 22-06-2018	5 days
Workshop on “Power Electronics and Drives”	ThangalKunjuMusaliar College of Engineering, Kollam 03-01-2018 and 04-01-2018	2 Days
Training program on “High Speed Reconfigurable Power Electronics Controller” (HSRPEC)	Centre for Development of Advanced Computing, Thiruvananthapuram 15-02-2017, 22-02-2017and 23-02-2017	3 Days
Power Industry Familiarization Program for Engineering College Teaching Staff	Power Engineers Training and Research Centre, Kerala State Electricity Board Limited, Moolamattom 10/01/2017 to 12/01/2017	3 Days
Faculty Development Program	Indian Institute of Technology Madras 27-10-2016 to 29-10-2016	3 Days
Short Term Training Program “Recent Advancements in Electrical System Design”	College of Engineering Perumon 18-01-2016 to 23-01-2016	6 Days
Short Term Training Program on “Control of Power Converters and Drives”	Rajiv Gandhi Institute of Technology, Kottayam 04-01-2016 to 09-01-2016	6 Days
Staff Development Program on “Image Processing Implementation on Raspberry Pi”	College of Engineering Perumon 07-12-2015 to 12-12-2015	6 Days
Workshop on “ Advanced Data Mining and Pattern Recognition”	College of Engineering Perumon 30-11-2015 to 04-12-2015	5 days
Workshop on “Smart Grid and Renewable Energy” (SGRE)	Central Power Research Institute, Bengaluru 26-11-2015 to 27-11-2015	2 Days

FPGA Based Digital Design	Indian Institute of Science and Technology, Valiamala 09-05-2014 to 12-05-2014	4 Days
Industrial Training	Kerala Electrical and Allied Engineering Company Limited, Mamala 03-09-2005 to 13-09-2005	10 Days

20. Seminars/Symposia/Conferences Attended : <i>(in reverse chronological order) (attach copies of certificates)</i>		
Name of the Seminar/Symposia/Conference	Venue & Dates	National / International
International Conference on Future Technology in Engineering ICFTE'16	Raviz International, Kollam	International
International Conference on Electrical Electronics Software and Communication Engineering (ICEESCE-16)	IFERP, Ernakulam 28-02-2016	International
International conference on Emerging trends in Smart Grid technology INCETS'16	College of Engineering, Trikkarippur 21-04-2016 and 23-04-2016	International
International Conference on Communication, VLSI and Signal Processing (ICCVSP'14)	The Indian Engineering College, Tirunelveli 14-03-2014 and 15-03-2014	International
International Conference on "Emerging Trends in Engineering and Technology" (ETET2014)	Travancore Engineering College, Oyoor 31-03-2014 and 01-04-2014	International
National Conference on Future technologies in Power Control and Communication Systems, March 2018	College of Engineering, Perumon 16-03-2017 and 17-03-2017	National
National Conference on Future Technologies in Power Control and Communication Systems March, 2017	College of Engineering, Perumon 23-03-2017 and 24-03-2017	National

National Conference on Future Technologies in Power Control and Communication Systems, March 2016	College of Engineering, Perumon 10-03-2016	National
RETREW' 14	TKM Institute of Technology, Karuvellil 17-03-2014	National
National Conference on VLSI & Communication (NCVC 2014)	MET'S School of Engineering, Mala 05-04-2014	National

21. Papers presented in Seminars/Symposia/Workshops/Conferences: <i>(in reverse chronological order) (attach copies of certificates)</i>			
Title of the paper	Name of S / S / W / C	Venue & Dates	National / International
Reliable Hydra SSD architecture for general purpose controllers	ICCVSP'14	The Indian Engineering College, Tirunelveli 14-03-2014 and 15-03-2014	International
An advanced Hydra architecture for High performance and Reliable Solid State Disks	ETET2014	Travancore Engineering College, Oyoor 31-03-2014 and 01-04-2014	International

22. Details of Published papers: <i>(in reverse chronological order) (attach copies of certificates)</i>			
Title of the paper	Name of the Journal	Volume No., Page & year of Publication	Citation index, impact factor
Zone Wise Fault Detection, Wireless Metering, Monitoring and Management in Distribution System.	IJIREEICE	Volume 6, Special Issue 2, March 2018, ISSN online: 2321-2004 ISSN (Print) 2321-5526	6.323
Single Stage PV fed BLDC Motor for Water Pumping Application.	IJIREEICE	Volume 6, Special Issue 2, March 2018, ISSN online: 2321-2004 ISSN (Print) 2321-5526	6.323
Direct AC – AC Full Bridge Converter	IOSR Journal	Volume 1, Special issue,	3.26

	of Electrical and Electronics Engineering (IOSR-JEEE)	December 2016, pp:59-65	
Agricultural Automation System with Field Assisting robot	IJRSET	Volume 6, Issue 6, March 2017	7.089
Gesture Controlled Home Automation System for Differently Challenged People	IJRSET	Volume 6, Issue 6, March 2017	7.089
Cost Effective Advanced Inverter for P V Application	IJRSET	Volume 6, Issue 6, March 2017	7.089
BLUEFIN – Autonomous Under Water Vehicle	IJRSET	Volume 6, Issue 6, March 2017	7.089
FPGA Based Robotic Hoist	IJRSET	Volume 6, Issue 6, March 2017	7.089
High Power Interleaved Fly Back Inverter for PV Applications	IJEREEE	Volume 2, Issue 2, February 2016	01.1617/vol2iss 2pid051 3.784
Simulation and Analysis of Smart Tunnel Dryer	IJEREEE	Volume 2, Issue 2, February 2016	01.1617/vol2iss 2pid049 3.784
Power Factor Correction in LUO Converter fed Induction Motor Drive	IJEREEE	Volume 2, Issue 2, February 2016	01.1617/vol2iss 2pid050 3.784
Simulation of Bridgeless Resonant Pseudo Boost PFC Rectifier	IJEREEE	Volume 2, Issue 2, February 2016	01.1617/vol2iss 2pid052
Comparative study of PV Micro Inverter	IJEREEE	Volume 2, Issue 2, February 2016	01.1617/vol2iss 2pid055 3.784
Bridgeless PFC Converter for LED Driver Applications	IJAREEIE	Volume 5, Special issue 2, March 2016	10.15662/IJAR EEIE.2016.050 3541 6.392

Pseudo Stator Power Generator for Multi Rotor Wind Turbines	IJAREEIE	Volume 5, Special issue 2 , March 2016	10.15662/IJAR EEIE.2016.050 3544 6.392
Emergency Assisting Autonomous Robot using GPS	IJEREEE	Volume 2, Issue 2, February 2016	01.1617/vol2iss 2pid053 3.784
An Efficient Interleaved Fly Back DC-DC Converter	IJAREEIE	Volume 5, Special issue 2 , March 2016	10.15662/IJAR EEIE.2016.050 3542 6.392
High Efficiency Interleaved DC-DC Converter for PV Applications	IJEREEE	Volume 2, Issue 2, February 2016	01.1617/vol2iss 2pid054 3.784
Grid Connected PV Micro Inverter with Quadrupler	IJRSET	Volume 5, Special issue 5 250-255, April 2016	7.089
Reliable Hydra SSD Architecture for General Purpose Controllers	IJMER	Vol.14, Issue 2, February 2014	5.818

23. Details of Programmes co-ordinated:*(in reverse chronological order) (attach copies of certificates)*

Name of the Course / Programme	Venue & Dates	Duration in days	Sponsoring Agency

24. Details of funded Projects:*(in reverse chronological order) (attach copies of certificates)*

Title of the Project	Name of The funding agency	No.&Date of sanction order	Amount Sanctioned (in Lakhs)

25. Details of awards / Recognitions etc.: <i>(attach copies of certificates)</i>	
Year	Description
2014	First place in technical event “Ultimate Engineers” conducted by the department of Mechanical on ‘YANTHROTSAV’ at TKM Institute of Technology, Karuvelil
2017	“Fire Fighting Quadcopter” exhibited in the National Level Technical Project Exhibition & Competition (SHRISTI 2017) conducted by Saintgits College of Engineering, Pathamuttom
2017	“Solar Tunnel Dryer” exhibited in the National Level Technical Project Exhibition & Competition (SHRISTI 2017) conducted by Saintgits College of Engineering, Pathamuttom

27. Details of Membership in Professional bodies like IEEE / ISTE / IEetc: <i>(attach copies of certificates)</i>	
Year	Membership Details
2008	ISTE Life Membership (LM 55203)