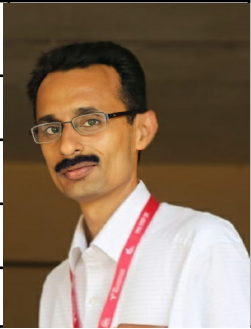




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1. Personal Details

Name:	Dr. John George	
Designation:	Professor	
Department:	Department of Electrical and Electronics Engg.	
Ph:	+91 9447895099	
Email id:	johngeorge@cea.ac.in	

Residential Address	Thiruhudaya Bhavan, Amplalathumkala P. O Ezhukone, Kollam Dist. Kerala. Pin 691505.
Date of Birth	09.10.1974

2. Areas of Interest

Power Systems, Power Quality, Power System Protection, Smart Grid

3. Courses Handled

Power Systems, Control Systems, Power Electronics, Microprocessors and Micro controllers, Electronics Devices and Circuits, Network Theory, Electrical Machines, Power Quality, Distributed Generation and Smart Grid, Smart Grid Technologies, Electric vehicles Power Electronics Lab, DC and AC machines lab, Electrical measurements lab, Circuits lab etc

4. Academic Details (In Reverse Chronological Order)

Degree	Specialization	Name of the Institute/ University	Month and Year of Passing
Ph.D	Power Systems (Power Quality)	National Institute of Technology Calicut	November 2015
M. Tech.	Power Systems	College of Engineering Trivandrum	December 2004
B. Tech	Electrical and Electrical Engineering	TKM College of Engineering Kollam	September 1996



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5. Experience (In Reverse Chronological Order)

Name of the Institution	Post Held	From	To
College of Engineering, Adoor	Professor in Electrical Engineering	08.09.2016	Till date
College of Engineering, Adoor	Associate Professor (redesignated) in Electrical Engineering	21.07.2007	07.09.2016
College of Engineering, Adoor	Senior Lecturer in Electrical Engineering	27.09.2005	20.07.2007
College of Engineering, Adoor	Lecturer in Electrical Engineering	01.06.2001	26.09.2005
College of Engineering, Chengannur	Lecturer in Electrical Engineering	01.02.2001	31.05.2001
Model Polytechnic, Kaarunagappally	Lecturer in Electrical Engineering	27.09.1999	31.01.2001

6. List of Publications

1.	John George, et. al., "Numerical Three Phase Distance Relay" in <i>Proceedings of National Seminar on Recent Trends in Technological Advancements</i> , Vol 3, pp 82-87, Nov 2004
2.	John George, T. L. Jose, Jeevamma Jacob, "A Decoupled Reference Generation Algorithm for Harmonic, Reactive Power and Current Unbalance Compensation in Three-phase Systems," in <i>Proceedings IEEE INDICON 2011</i> .
3.	John George, T. L. Jose, Jeevamma Jacob, "A Novel Reference Current Generation Algorithm for Harmonic and Reactive Power Compensation in Non Ideal Three-phase Systems," <i>International Journal of Electrical Engineering</i> , ISSN 0974-2158, Vol. 5, No. 2, pp. 153-166, 2012
4.	John George, T. L. Jose, Jeevamma Jacob, "A Novel Algorithm for Harmonic, Reactive Power and Unbalanced Current Compensation in Three-phase Distribution Systems,"



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	<i>International Review on Modelling and Simulations</i> , , ISSN 1974-9821, Vol. 5, No. 2, pp. 537-545, April 2012.
5.	John George, Sumi Soman et. al. , “Blackout Prevention by an Effective Forced Islanding Scheme”, <i>International Journal of Engineering Research and Technology</i> , Vol. 4, No. 8, pp. 755-759, Aug 2015.
6.	John George, Sumi Soman et. al. , “Forced Islanding and Restoration Scheme to Prevent Blackout for Improving Power System Security”, in <i>Proceedings IEEE Conference on Innovative Smart Grid Technologies Asia Conference, Thailand, 2015</i> .
7.	John George, Sumi Soman, et. al. , “An Effective Forced Islanding and Load Shedding Scheme to Prevent Blackout”, <i>IEEE International Conference on Power, Instrumentation, Control and Computing</i> , Dec 2015.
8.	John George, Sumi Soman, Polly Thomas, “A Novel Adaptive Forecasting Technique for Forced Islanding Scheme”, <i>International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering</i> , Vol. 4, No. 11, pp. 8833-8843, Nov 2015.
9.	John George, Sumi Soman, et. al, “Prevention of Blackout by an Effective Forced Islanding and Restoration Scheme”, <i>IEEE International Conference on Emerging Research in Electronics, Computer Science and Technology</i> , pp. 298-303, Dec 2015.

7. Research Projects

1.	Entry Level AAC Device Development for NISH Trivandrum
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8. Membership in Professional Bodies

1.	IEEE Senior Member (Membership Number 90338706)
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2.	ISTE Life Member
3.	IEEE PES Member
4.	IEEE Electron Devices Society Member
5.	IEEE Industrial Applications Society Member

9. FDP/ Conference/ Seminars Co-ordinated

1.	Convened the National conference (NPCCC '17 - National Conference on Power, Control, Communication and Computing) held at College of Engineering under TEQIP on 1 st , 2 nd and 3 rd of February 2017
2.	
3.	
4.	
5.	

10. FDP/ Conference/ Seminars Attended

1	Stochastic Processes and their Applications in Engineering, NIT Calicut
2	Applications of Matlab for analysis, design and simulation of systems, CE Trivandrum
3	Power Quality and Custom Power Under Deregulated Power System, NIT Calicut
4	Decision Support System- Tools and Techniques, RIT Kottayam



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5.	Effective Teaching in Higher Technical Education, ISTE Kerala Section
6	Best paper in Power systems Awarded in the National Seminar on Recent Trends in Technological Advancements, CET
7	Power Quality - Issues and Solutions, NIT Calicut
8	Introduction to Research - Workshop, NIT Calicut
9	Distributed Generation and Power Quality, NIT Calicut
10	ISTE - NSTEBD faculty awareness on entrepreneurship workshop NIT Calicut
11	Embracing Innovative E-learning Technologies, NIT Calicut
12	Facts and Custom Power Controllers for Quality Enhancement of Deregulated Power Systems, NIT Calicut
13	Advanced Microprocessors and Microcontrollers, NIT Calicut
14	Labview and Applications, NIT Calicut
15	Micro Grid and Distributed Generation, NIT Calicut
16	Smart Grid Engineering, NIT Calicut
17	Advanced Nanomaterials- Process, Characterization and Applications
18	IEEE-INDICON 2011-International Conference
19	Research and Technical Challenges of Smart Grid, NIT Calicut



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20	Linear Algebra and Applications. NIT Calicut
21	Making TEQIP Institutions More Effective: Strategic Planning and Good Governance - workshop, CET School of Management

11. Invited Lectures Delivered

1.	'Active Distribution System and Microgrid' in the FDP "Emerging Trends in Power System" during February 21-23,2019 organised by College of Engineering Poonjar
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12. Awards / Achievements

1.	Best Paper at <i>National Seminar on Recent Trends in Technological Advancements</i> , held at College of Engineering Trivandrum during 26-27 Nov 2004
2.	Outstanding PES Student Branch Chapter Advisor Award by PES Kerala Chapter (R10 Region)
3.	Recognition as IEEE Senior Member in good standing through December 2021
4.	Vice Chair, IEEE Professional Activities Committee, Kerala Section (R10) in the year 2022
5.	Vice Chair, IEEE Student Activities, Kerala Section (R10) in the year 2023

13. Academic Responsibilities Undertaken

1.	Principal - College of Engineering Adoor, under IHRD, a Government of Kerala Undertaking
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2.	Member, Board of studies, APJ Abdul Kalam Technological University, Thiruvananthapuram
3.	KTU Coordinator at College of Engineering Adoor
4.	AICTE (All India Council For Technical Education)- Extension of approval preparation Committee for College of Engineering Adoor
5.	Head of the Department, Faculty Advisor, Project Guide
6.	Doctoral Committee Member
7.	Branch Counselor for IEEE Student Branch
8.	Faculty Advisor for IEEE Student Branch Society Chapters

14. Non-Academic Responsibilities Undertaken

1.	Board of Governors Member of College of Engineering Adoor
2.	TEQIP Co-ordinator at College of Engineering Adoor
3.	Evaluator for AICTE AQIS Scheme
4.	Evaluator for Students Project Scheme for Kerala State Council for Science, Technology and Environment
5.	Selection Committee member as Subject Expert for CAS Scheme under IHRD, Kerala State
6.	Member, Academic Council and School Management Committee, St George CBSE School, Ampalathumkala, Kollam Kerala
7.	Vice Chair, IEEE Professional Activities Committee, Kerala Section (R10) in the year 2022



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8	Vice Chair, IEEE Student Activities, Kerala Section (R10) in the year 2023
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