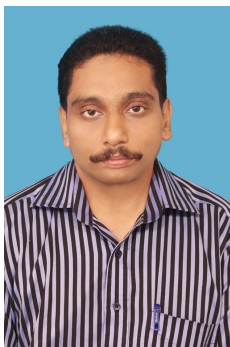


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Professional Qualifications

B-Tech	Specialization	Electrical & Electronics
	Institute/University	Regional Engineering College Calicut
	Year	1990
M-Tech	Specialization	Electrical & Electronics (Power Systems)
	Institute/University	National Institute of Technology Tiruchirappalli
	Year	2006
PhD	Specialization	Electrical (Power Systems)
	Institute/University	National Institute of Technology Calicut
	Year	2015

Areas of Interest

Power Systems, Control Systems, Soft computing techniques

Professional Experience

- 2 year industrial experience
- 20 years teaching experience

Responsibilities\Position

- Lab in Charge, Staff Adviser, GATE Coaching Coordinator, PG & UG Project Guide, Examination Committee Convener

Publications

- Five international journals
- Five national conferences
- Two international conferences

LIST OF PUBLICATIONS

National Conferences

- K. Sundareswaran, H.N. Shyam, V. Krishna Chandran, O.V. Asokan, C. Ismayil and S. Palani, "Development of an Intelligent Optimization Algorithm Through a Colony of Foraging Ants its Applications to D.C. Motor Speed Controller Design," in *Proceedings of the National Conference on Electrical Engineering, and Embedded Systems*, NCEEE 08 , Anna University, Chennai 20-21 March 2008, pp 1-4.
- C. Ismayil, K. Anu Sunny and Suresh K Damodaran, "Genetic Algorithm Based PI Controller tuning for load frequency control in Two Area Power Systems," in *Proceedings of the National Conference IEEE 09*, MPNMJEC, Chennai, Erode, 23 Jan.2009, pp. 75-77.
- C. Ismayil, M. Nandakumar and B. Jayanand , "Selective Harmonic Elimination based SERD by means of Genetic Algorithm," in *Proceedings of the National Conference on Recent Innovations in Technology*, NCRIT-2009,Rajiv Gandhi Institute of Technology, Kottayam, India, 26-28 Mar. 2009, pp-106-111.
- C. Ismayil, Jisma M. and Suresh K. Damodaran, "Application of Particle Swarm Optimization for the tuning of PID controller in AVR System," in *Proceedings of the National Conference on Power, Instrumentation, Control and Computing*, PICC 2010, Govt. Engineering College, Thrissur, India 4-6 March 2010, pp 63-68.

- C. Ismayil and Jisma M., “Genetic Algorithm based PID Controller Tuning in AVR System,” in *Proceedings of the 5th National Conference on Innovations in Communications and Computing*, NCICC 10, 5th Mar. 2010.

International Conferences

- A. R. Soman, C. Ismayil and G. Madhu, “Methodology for Consequence Analysis of Release of Hazardous Materials- A Review,” in *Proceedings of the International Conference on Materials for the future*, ICMF 2008, Govt. Engineering College, Thrissur, India , Jan 2008, pp 224-229
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International Journals

- Ismayil C., Sreerama Kumar R., and Sindhu T. K., "Comparative Analysis of Genetic Algorithm and Fuzzy Logic based Automatic Generation Control of Multi Area Power Systems," *International Review on Modelling and Simulations*, vol.6, no.1, pp.136-144, Feb.2013,.
- Ismayil C., Sreerama Kumar R., and Sindhu T. K., "Fuzzy Logic and Genetic Algorithm based Automatic Generation Control of Two-Area Deregulated Power Systems," *International Review on Electrical Engineering*, vol.9, no.1, pp.186-199, Feb.2014.
- C. Ismayil and M. Nanda Kumar, “Novel Scheme to Improve Power Factor of Slip Energy Recovery Drive by Selective Harmonic Elimination,” *International Journal of Emerging Electric Power Systems*, vol. 15, no. 4, pp. 367-375, 2014
- Ismayil C., Sreerama Kumar R., Sindhu T.K., “Fractional Order PID Based Automatic Generation Control in Deregulated Power Systems”, *Electric Power Components and Systems*, Taylor & Francis, vol. 43, no. 17, pp. 1931–1945, 2015
- Ismayil C., Sreerama Kumar R., Sindhu T.K., “Optimal fractional order PID controller for automatic generation control of two-area power systems,” *International Transactions on Electrical Energy Systems*, Wiley, Dec. 2014, Published online <http://onlinelibrary.wiley.com/doi/10.1002/etep.2038/pdf>]