

BIO-DATA



Name : Visalakshi V

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Academic Qualifications

Sl.No.	Degree	Specialization	College/Institute
1	B.Tech	Electrical and Electronics Engineering	Govt. Engineering College, Thrissur
2	M.Tech	Control Systems	College of Engineering, Thiruvananthapuram
3	Ph.D (pursuing)	Instrumentation and Control	IIT Madras

Date of Joining : 01/10/2001

Subjects Taught : Power Electronics, Industrial Electric Drives, Control Systems, Linear system analysis, Electrical machines, Power systems, Circuit and Networks, Electronic Circuits and Systems, Power Converters and Research methodology.

Area of Interest : Robust Control, Vibration control, Convex Optimization

Major Exposure/ Achievements

- 1) Coordinator of College Maintenance Committee
- 2) Convenor of Internal Complaints Committee
- 3) Convenor of DQAC
- 4) Head of the Department from January 2017 to December 2018
- 5) Chair of nCoretech-17, national conference coordinated by EEE Department
- 6) Successful implementation of TEQIP (phase I) in the Department
- 7) Accreditation of the Department by NBA
- 8) Chairperson of the College Women Cell
- 9) Coordinator for the Induction training program
- 10) Won the best paper award for the paper entitled "Robust control of LV autopilot in Kharitonov's framework" in Regional seminar held at College of Engg., Thiruvananthapuram.

Publications

- 1) V. Visalakshi, S. Khare, S. O. R. Moheimani, and B. Bhikkaji, "Design of positive position feedback controllers for collocated systems," in 2021 *American Control Conference (ACC)*, 2021, pp. 4791–4796.
- 2) Anwar Ulla Khan, Debjyoti Kumar Mandal, Visalakshi V, Bobby George and Bharath Bhikkaji, "A new TMR Based Sensing Technique for Electric Guitar Pickup", *Eleventh International Conference on Sensing Technology (ICST)* 2017, pp. 467- 471.
- 3) Shehanas K. Salim, Visalakshi V, "Performance Analysis Of Dstatcom with Icos ϕ Algorithm using Adaptive Hysteresis Current Controller", *International Journal of Creative Research Thoughts*, Vol.6, Issue 2, April-2018.
- 4) Visalakshi V and Mridul MP, "A solar power generation system with a new eleven level inverter." *IRJIEEICE*, April 2017.