

FACULTY PROFILE

Name : Dr.C.Ganesh
 Designation : Professor and Head
 Email ID : hod.eee@srit.org



Area of Specialization : Drives and Control

Total Experience :20 years Academic : 17 years
 Industry : 3 years

Educational Qualification:

Degree	Branch / Specialization	College	University
B.E.	Electrical and Electronics Engineering	Kumaraguru College of Technology, Coimbatore-641006	Bharathiar University, Coimbatore
M.Tech.	Computer Applications In Industrial Drives	Malnad College of Engineering, Hassan-573201	Visveswariah Technological University, Belgaum
Ph.D.	Electrical Engineering	College of Engineering, Guindy, Chennai-600025	Anna University, Chennai-600025

Experience Details:

S.No	Institution/Industry	Design.	Experience		Total Years & Months
			From	To	
1	Sri Ramakrishna Institute of Technology, Coimbatore-10.	Professor and Head/EEE	01.10.2014	Till date	1 Year & 5 Months
		Associate Professor/EEE	01.04.2011	30.09.2014	3 Years & 6 Months
		Assistant Professor/EEE	01.02.2008	31.03.2011	3 Years & 2 Months
		Senior Lecturer/EEE	14.04.2004	31.01.2008	3 Years & 9 Months
2	Kongu Engineering College, Perundurai.	Lecturer/EEE	30.05.2003	31.03.2004	10 Months

3	RMD Engineering College, Kavaraipettai.	Lecturer/EEE	18.06.2002	09.05.2003	11 Months
4	Sri Ramakrishna Engineering College, Coimbatore-22.	Lecturer/EEE	09.06.1997	13.10.2000	3 Years & 4 Months
Total (as on Feb 2016)					16 Years 11 Months

Funded Projects:

S. No.	Funding Agency	Topic	Amount Sanctioned in Rs.	Year of Sanction
1	AICTE	MODROBS	1100000/-	2013

Publications :

International Journals :

1. Hazim Haneef and Ganesh C, "Investigations on The Design Aspects of First Order Controller for Type 1 Third Order System", International Journal of Applied Engineering Research, Vol.10, No.10, 2015, pp.9438-9445.
2. Abdu Samad and Ganesh C, "Control and Energy Monitoring Scheme for a Stand-Alone Wind Energy Conversion System", International Journal of Computer Science and Engineering Communications, Vol.3, No.1, 2015, pp.621-626.
3. Ganesh C and Patnaik SK, "Artificial neural network based proportional plus integral plus derivative controller for a brushless DC position control system", Journal of Vibration and Control, Vol.18, No.14, 2012, pp.2164-2175.
4. Ganesh C and Patnaik SK, "A simple first order compensator for brushless direct current drive based position control system", Journal of Vibration and Control, Vol.21, No. 4, 2015, pp.647-661.
5. Ganesh C, Prabhu M, Rajalakshmi M, Sumathi G, Virender Bholra and Patnaik SK, "ANN based PID controlled brushless DC drive system", ACEEE International Journal on Electrical and Power Engineering, Vol.3, No.1, 2012, pp.45-48.
6. Ganesh C, Abhi B, Anand VP, Aravind S, Nandhini R and Patnaik SK, "DC position control system – Determination of parameters and significance on system dynamics", ACEEE International Journal on Electrical and Power Engineering, Vol.3, No.1, 2012, pp.1-5.

International Conferences:

1. Vinodhini R, Ganesh C and Patnaik SK, "Genetic algorithm optimized on-line neurotuned robust position control of BLDC motor", 2012 IEEE students' conference, pp. 1-4, Bhopal and 1-2 March 2012.
2. Ganesh C, Jeba S, Saranya R, Geethu S and Patnaik SK, "A non-iterative controller design for a BLDC drive system", 2009 IEEE International conference on Advances in Recent Technologies in Communication & Computing, pp.141-145, Kottayam and 27-28 Oct. 2009.
3. Ganesh C, Shanmugasundram R, Yadaiah N and Poornaselvan KJ, "Compensator design by pole-zero adjustment for a typical position control system", Fourth IEEE International conference on Information and Automation for Sustainability, pp.19-24, Colombo, Srilanka, 12-14 Dec. 2008.
4. Ganesh C, Gomathy S and Jenifer Amla L, "Control of Non-Interacting tank systems using a First order Non-Iterative Compensator", International conference on Mathematical Computer Engineering, pp.113, Chennai, 14-15 Dec. 2015.

Seminar, Conference, Workshop Organized:

S.No.	Title	Duration	Level (Intern./ National)
1	One day workshop on Educational Utilization of Standards	14.03.2006 (One day)	National
2	First National Conference on Communication, Computation, Control and Automation (CCCA)	25.04.2008 and 26.04.2008 (Two days)	National
3	Second National Conference on Communication, Computation, Control and Automation (CCCA)	23.04.2010 and 24.04.2010 (Two days)	National
4	Third National Conference on Communication, Computation, Control and Automation (CCCA)	09.03.2012 and 10.03.2012 (Two days)	National
5	Two days Workshop on "Graphical System Design using LabVIEW"	19.12.2012 and 20.12.2012 (Two days)	National
6	AICTE Sponsored Faculty Development Programme on Advanced Control Strategies and applications	13.05.2013 to 26.05.2013 (Two days)	National
7	AICTE Sponsored National Seminar on Soft Computing Techniques for Engineering Applications	10.10.2013 and 11.10.2013 (Two days)	National
8	Fourth National Conference on Communication, Computation, Control and Automation (CCCA)	28.03.2014 and 29.03.2014 (Two days)	National

Seminar, Conference, Workshop Attended:

S.NO.	Organizing Institution	Venue	Title	Date(s)
1	ISTE – Tamilnadu & Pondicherry section	Kongu Engineering College, Perundurai	First Annual Convention	01.08.1998
2	PSG College of Technology, Coimbatore	PSG College of Technology, Coimbatore	DSP Education Symposium 2002	19.01.2002 and 20.01.2002
3	Sri Ramakrishna Engineering College, Coimbatore-22, CODISSIA and TNEB, Coimbatore region	Sri Ramakrishna Engineering College, Coimbatore	One day workshop on Energy Management and Power factor Control in Electrical Systems	05.02.2005
4	ISTE – Tamilnadu & Pondicherry section	PSNA College of Engineering, Dindugul	Eighth Annual Convention – Innovations in Engineering Education – Trends and Focus	28.10.2005 and 29.10.2005
5	CII and Infosys	Hotel Leela Palace, Bangalore	Fourth India Innovation Summit 2008	20.06.2008 and 21.06.2008
6	WIPRO MISSION 10X	Coimbatore Institute of Engineering and Technology, Coimbatore	Workshop on High Impact Teaching Skills	10.11.2008 and 11.11.2008
7	Anna University, Coimbatore	Kumaraguru College of Technology, Coimbatore	Training Workshop for Academic Auditors	27.01.2009 and 28.01.2009
8	Tea Trade Association, Coimbatore	Tea Trade Association, Coimbatore	One day training programme on Thermal Energy Audit Using the Einstein Audit Methodology	10.02.2009
9	National Instruments, Bangalore	Chennai Trade Centre	Seminar on Annual technical forum for Faculty and Research Scholars	14.12.2010
10	Sri Ramakrishna Institute of Technology, Coimbatore	Sri Ramakrishna Institute of Technology, Coimbatore	Workshop on Need Based Approach for Effective Teaching	21.06.2011
11	IIT-Bombay	Sri Ramakrishna Institute of Technology, Coimbatore	ISTE Workshop on Aakash for Education	10.11.2012 and 11.11.2012
12	IUCEE and BMS College of Engineering,	BMS College of Engineering, Bengaluru	Two days Workshop on Outcomes-Based Education	02.08.2015 and 03.08.2015

	Bengaluru		
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Ph.D., Guidance / Supervisor ship:

Name of Scholar	Course	Area of Research	Status
Mr.K.Sathiyaraj	Electrical Engineering	Renewable Energy	Course Work
Ms.G.Mahalakshmi	Electrical Engineering	SRM drives	Course Work

Guest Lectures Delivered:

Topic	Institution	Date(s)
Advancement in Control Systems	Tejaa Shakthi Institute of Technology for Women, Karumathampatti, Coimbatore	31.03.2010
State Variable Analysis and Digital control systems	Sri Eshwar College of Engineering, Coimbatore	29.03.2011
Stability and Design of Compensators in Control Systems	Kumaraguru College of Technology, Coimbatore	17.06.2011
Control systems	SSK College of Engineering and Technology, Coimbatore	04.02.2012
Digital Image Processing and Control System Applications by Using MATLAB	Karpagam Institute of Technology, Coimbatore	29.02.2012
Tips for Effective Delivery	Sri Ramakrishna Institute of Technology, Coimbatore	07.07.2012
Applications of Electromagnetics	P.A. College of Engineering and Technology, Pollachi	23.01.2013
Control systems	Angel College of Engineering and Technology, Tirupur	13.02.2013
Design of Simple First Order Compensators for Servo systems	Sri Ramakrishna Institute of Technology, Coimbatore	14.05.2013
Basics of Electromagnetic Theory	Angel College of Engineering and Technology, Tirupur	16.09.2013
NBA Accreditation SAR – Criteria I and II preparation	Sri Ramakrishna Institute of Technology, Coimbatore	27.11.2013
Control Systems	P.A. College of Engineering and Technology, Pollachi	26.12.2013
Electrostatics I & II	P.A. College of Engineering and Technology, Pollachi	20.06.2014
Static Magnetic Field	P.A. College of Engineering and Technology, Pollachi	16.12.2014

Membership in Professional Bodies:

1. Life member (LM 29133) of ISTE

Contributions to the Institution, Department and Society:

1. Established Control Systems Laboratory and Power Electronics Laboratory.
2. Coordinated Examination Cell, Association activities, Time Table Work, Class Committee, NBA-Proforma Preparation, Annual stock verification and Anna University Affiliation.
3. Reviewed Project work. Served as a Tutor and as an Internal Auditor. Coordinated External Audit of Internal Assessment of EEE branch.
4. Represented Anna University, Coimbatore for framing First year B.E./B.Tech. Common Curriculum and Syllabi in Board of Studies meeting held at Anna University, Chennai on 06.08.2008.
5. Set question papers for various institutions. Acted as Examiner and Chief Examiner in Central Valuation. Acted as Anna University Representative for conducting Theory Examination.
6. Heading the Department of EEE since 04.01.2012. Coordinating NBA and NAAC for EEE department. Formulated contents of programme specific files for NBA and NAAC.
7. Restructured the students' evaluation form of faculty from the academic year 2014-15.
8. Served as Editor of EEE Department Newsletter in 2013 and 2014.
9. Delivered a number of presentations to faculty members of EEE Department to understand about NBA-SAR preparation as per new format and established Vision, Mission of the Department; PEOs and POs of B.E. EEE.
10. Reviewed Research papers in International Journals viz. Journal of Systems and Control Engineering, Journal of Vibration and Control, Journal of Engineering Manufacture, Transactions of the Institute of Measurement and Control, Asian Journal of Control, International Journal of Science Technology Education Research.
11. Facilitated in Department of Electrical and Electronics Engineering, becoming a Recognized Research Centre of Anna University, Chennai.
12. Prepared the Autonomous Application seeking autonomous status for the institution.
13. As a Coordinator, got financial assistance of Rs.402277/- for conducting AICTE sponsored FACULTY DEVELOPMENT PROGRAMME on Advanced Control Strategies and Applications.
14. As a Coordinator, got financial assistance of Rs.150000/- from AICTE for conducting AICTE SPONSORED NATIONAL SEMINAR on Soft Computing Techniques for Engineering Applications.
15. As a Chief Coordinator, got financial assistance of Rs.1100000/- from AICTE for modernizing Electrical Machines Lab under MODROBS scheme.

Awards and Recognitions:

1. Received Dr.S.Radhakrishnan Award for Contribution and Excellence in Academics on 26.01.2015 from SRIT Alumni Association.