


Name: E.MAHESWARI	Photo: 
Designation:	ASSISTANT PROFESSOR -II
Qualification :	M.E,(Ph.D)
Area of Specialisation :	POWER ELECTRONICS
Experience :	11 YEARS 7 MONTHS
No. of workshop / Conferences / FDP attended :	No. of Workshop attended -5 No. of Conference attended-2 No. of FDP attended-3
No. of workshop / Conferences / FDP organized:	No. of workshop organized-1 No. of Conference organized-1 No. of FDP attended-3
Funded Projects	-
Publication :	Journal: National :1 International:5 Conference National : 2 International : 3
Research Guidance :	-
General:	College &Dept. ISO coordinator Power Electronics lab incharge
Staff Achievements:	1) Received Rs. 2,000 Cash Award from Sri Sairam Institute of technology for Producing 100% in “Measurement & Instrumentation” Subject in the Year 2010. Books Published 1. Text book “ Design of Electrical Machines ” by Dr. V.Balaji and Mrs.E.Maheswari, Sams Publishers, Chennai,

	<p>2011.</p> <p>2. Text book “Measurement and Instrumentation” by Dr. V.Balaji, Mrs.E.Maheswari and Ms.Gurvu, Sams Publishers, Chennai, 2011.</p>
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PROFESSIONAL EXPERIENCE: Teaching -11 years 7 months

PAPERS PRESENTED – INTERNATIONAL/NATIONAL CONFERENCE:

Papers published in International Journals:

1. V.Balaji, Dr. N.Vasudevan and **E.Maheswari**, “Model Based Predictive Control Using Fuzzy and Neural Network”, International Journal of Applied Engineering and Research, Vol 3, pp 279 – 286 ,March 2008.
2. V.Balaji, Dr. N.Vasudevan and **E.Maheswari**, “Model Based Predictive Control Using Fuzzy and Comparison with other Nonlinear MBPC Algorithms”, International Journal of Industrial Electronics and Control. March 2008.
3. V.Balaji, Dr. N.Vasudevan and **E.Maheswari**, “MATLAB Simulation for Continuous-Stirred Tank Reactor”, Pacific Journal of Science and Technology, Vol 9, pp 127 –131 June 2008(Spring)
4. V.Balaji, **E.Maheswari** “Performance Investigation of Self-Lift and Re-Lift Luo Converter Topologies.”, Pacific Journal of Science and Technology, Vol – 12, **pp. 17 – 24 May 2011(Spring).**
5. Dr. V.Balaji, **E.Maheswari** “Model Predictive Control Techniques for CSTR Using MATLAB “International Journal of Electrical Engineering and Technology” **Vol -3, No 3, pp. 121 – 129 Oct-Dec 2012.**

National Journal

1. Dr. V.Balaji, **E.Maheswari** “Model Predictive Control Strategy for Industrial Process” Bulletin of Electrical Engineering and Informatics, **Vol -1, No 3 , pp. 191 – 198 Sep 2012.**

Papers published in International Conferences:

1. V.Balaji, Dr. N.Vasudevan and **E.Maheswari**, “Multivariable Laguerre Based Indirect Adaptive predictive Control a Reliable Practical Solution for Process Control,” Proceedings of the International Conference on Trends in Intelligent Electronic Systems pp.396-400,SathyaBama University,Chennai,India, Nov12th - 14th 2007.
2. V.Balaji, Dr. N.Vasudevan and **E.Maheswari**, “Multivariable Model Predictive Control for Process Control,” Proceedings of the International Conference on Sensors And Related Networks, pp. 320- 326,VIT University, Vellore, India, Dec 12th-14th 2007.
3. V.Balaji, Dr. N.Vasudevan and **E.Maheswari**, “Neural Network Based on Model Control Strategy for the pH Process,” Proceedings of the International Conference on Digital Factory,pp. 274 – 277, CIT Coimbatore, India,Aug 11th -13th 2008.

Papers published in National Conferences:

1. **E.Maheswari**, A.Kavitha and G.Uma, “Hopf Bifurcation and chaos analysis in negative output luoc converter” Proceedings of the National Conference RITEE’07, pp.152-157, Sri Sai Ram Engineering College Chennai, India, March 13th 2007.
2. **E.Maheswari**, and A.Kavitha and G.Uma“Bifurcation analysis in negative output luoc Converter” Proceedings of the National Conference NACPED’07,pp-30-35,Government College of Engineering,Thirunelveli,India,4th April 2007.

WORKSHOPS/SEMINARS ATTENDED:

1. Attended a workshop on “High Impact Teaching Skills” attested by Dale Carnegie Training & Associates, Inc Trainer and Wipro at Easwari Engineering College from 7th & 8th Dec 2009.
2. Attended DRDO sponsored two day national workshop on “ Matlab and Labview For Electrical & Process Control Applications” organized by the Easwari Engg College from 17th to 18th Dec 2009.
3. Attended the Tutorial on “Control Systems Study through Matlab” at Vellore Institute of Vellore on 21 – 22nd Jan 06.

CONFERENCE ATTENDED:

1. **E.Maheswari**, A.Kavitha and G.Uma, “Hopf Bifurcation and chaos analysis in negative output Luo converter” Proceedings of the National Conference RITEE’07, pp.152-157, Sri Sai Ram Engineering College Chennai, India, March 13th 2007.