

P.Sweety Jose
Assistant Professor
Department of Electrical & Electronics Engineering
PSG College of Technology, Coimbatore – 641 004
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EDUCATION

DOCTORATE

(Pursuing*)
Electric Drives & Control
Anna University, Chennai

POSTGRADUATE

May 2004
M.E. Power Electronics and Drives
Karunya Institute of Technology
Anna University

UNDERGRADUATE

May 1998
Electrical and Electronics Engineering
Amrita Institute of Technology and Science
Bharathiar University

EXPERIENCE

02/12/1998 to 7/11/ 2005	Lecturer (Sr. Grade) Karunya Institute of Technology Exam Co-Ordinator, Timetable Co-Ordinator EEE Dept. Secretary
07/11/2005 to 31/12/2005	Lecturer , EEE Dept., PSG College of Technology
01/01/2006 to till date	Asst Professor, EEE Dept., PSG College of Technology

COURSES HANDLED

UNDERGRADUATE

Course 1 Power Electronics
Course 2 Electric Drives and Control
Course3 DC Machines and Transformers
Course4 Generation Transmission and Distribution

POSTGRADUATE

Course 1 Power Converters and Analysis

Course 2 Electric Drives and Control

RESEARCH AREAS

Electric Drives, Power Converters

PUBLICATIONS

INTERNATIONAL JOURNALS

1. Sweety Jose, P, Jovitha Jerome & Sudheerkumarreddy, K 2015, 'Active Rectifier based Harmonic Compensator for a Direct Torque Controlled Induction motor drive', IETE Journal of Research, vol. 61, no. 6, pp. 573-580.
2. Sweety Jose, P, Jovitha Jerome & Joseph Richards, A 2015, 'Matrix Converter Fed Direct Torque Control of Induction Motor Drive with Input Power Factor Control', International Journal of Applied Engineering Research, vol. 10, no. 24, pp. 44416-44421
3. Sweety Jose, P, Jovitha Jerome & Sathya Bama S 2011, 'Performance Enhancement of Direct Torque Control of Induction Motor using Fuzzy Logic', ICTACT Journal on Soft Computing, vol. 2, no. 1, pp. 218-223.
4. Sweety Jose, P, Jovitha Jerome & Kaarthick Raja, CV 2014, 'A Dual Fuzzy logic Control method for Direct Torque Control of an Induction motor', International Journal of Science, Environment and Technology, vol. 3, no. 5, pp. 1713-1720.
5. P.Sweety Jose, P.Jenitha Deepa," Matrix Converter fed Induction Motor Drive Using Indirect Space Vector Modulation Technique", ICGST-ACSE Journal, vol.11, issue 1, June 2011.

INTERNATIONAL CONFERENCES

- P.Sweety Jose,N. Chandra Deepika, S. N. Nisha,'Applications of single phase Matrix Converter" International Conference on Emerging Trends in Electrical and Computer Technology, pp.386-391.
- P. Jenitha Deepa, P.Sweety Jose, Matrix Converter fed Induction Motor Drive Using Indirect Space Vector Modulation Technique", International Conference on Energy Systems, Coimbatore Institute of Technology, 2010
- D. Mahalakshmi, P.Sweety Jose,"Simulation of DTC base Induction motor Drive using MATLAB", International Conference on Energy Systems, Coimbatore Institute of Technology, 2010

NATIONAL SEMINARS ORGANISED

- Organized Two day National level workshop on “Electrical Safety Standards and Practices”, During 23.01.2015 –24.01.2015

SEMINARS / CONFERENCES ATTENDED

Sl.No	Name & Designation	Course Name & Conduct Authority	Period Duration
1	P.Sweety Jose Assistant Professor	AICTE- SDP Inculcating Research Aptitude in Engineering Faculty	14 days 3 rd May to 16 th May 2008
2	P.Sweety Jose Assistant Professor	AICTE- SDP Biomedical Signal Processing and Instrumentation	14 days 20 th July to 02 nd August 2009
3	P.Sweety Jose Assistant Professor	Workshop by Dr. N. Sundarrajan Professor, Nanyang Technological University, Singapore on Research Methods	2 days 1 st and 2 nd March 2010
4	P.Sweety Jose Assistant Professor	AICTE- SDP Current trend in Information Retrieval with Research Perspective	13 days 9 th May to 21 st May 2011
5	P.Sweety Jose Assistant Professor	TNSCST & DRDO National Seminar on Strategies in Enhancing Research	2 days 16 th and 17 th February 2012
6	P.Sweety Jose Assistant Professor	TEQIP- FDP Restructured Power Markets and Facts Devices	7 days 28 th to 6 th March 2013
7	P.Sweety Jose Assistant Professor	AICTE- SDP Computational Intelligence- An Academic, Industrial and Social Perspective	14 days 30 th May to 12 th June 2013
8	P.Sweety Jose Assistant Professor	TEQIP – FDP Analysis of Electrical and Electronic Systems using MATLAB and PSpice	7 days 20 th to 26 th June 2013
9	P.Sweety Jose Assistant Professor	TEQIP – FDP Research Challenges and Emerging Trends in Control Engineering	7 days 15 th to 21 st November 2013
10	P.Sweety Jose Assistant Professor	TEQIP – FDP Smart Grid and Renewable Energy Systems	7 days 14 th to 20 th December 2014
11	P.Sweety Jose Assistant Professor	TEQIP – FDP Foundation Skills in Integrated Product Development	7 days 23 rd to 27 th November 2015
12	P.Sweety Jose Assistant Professor	TEQIP – FDP Implementation of 5S in Laboratory	7 days 20 th to 26 th April 2016
13	P.Sweety Jose Assistant Professor	TEQIP – FDP Real- Time Embedded Systems and Internet of Things	7 days 22 nd to 28 th June 2016

SPECIAL LECTURES DELIVERED

- Delivered a Lecture on DC Drives at Faculty Development Programme on ‘Solid State Drives’ at Hindusthan College of Engineering, Coimbatore
- Handled a Session on Electrical Drives at Faculty Development Programme on Electric Drives and Control at PSG College of Technology, Coimbatore on 18/12/2013

AWARDS

- Received Dakshinamoorthy Award for Teaching Excellence for the year 2015-16

MEMBERSHIP OF PROFESSIONAL BODIES

- ISTE –Life Member