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Dept. of Electrical and Electronics Engineering
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ACADEMIC CREDENTIALS

Qualification	Institution/University	Yaer	Class
M.E(Power Systems Engineering)	SKP Engineering College, Tiruvannamalai	2015	FCWD
B.E (Electrical and Electronics Engineering)	University College Of Engineering-Ariyalur Campus	2013	FC

EXPERIENCE:

4 Years 10 Months

Areas of Specialization :

Control Systems
Power System Analysis
Circuit Analysis

ACADEMIC PROJECTS:

UG-PROJECT :

AREA : Renewable Energy System
TITLE: Double Axis Solar Panel Tracking System

PG-PROJECT:

AREA : Machines
TITLE: Parameter Estimation of Single Phase Induction Motor

PUBLICATIONS IN JOURNALS:

- T.Jayapriya, "Estimation of Asynchronous Machine Parameters using Soft Computing Techniques", International Journal of Applied Engineering Research (IJAER), Vol.10, special issue ISSN 0972-4562.
- T.Jayapriya, "Performance Analysis of Three phase self excited Induction Generator using Genetic Algorithm", International Journal of Applied Engineering Research (IJAER), Vol.10, special issue ISSN 0972-4562.
- T.Jayapriya, "Grid connected hybrid power system", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol.4, special issue ISSN 2394-3785

- T.Jayapriya, “Mobile Medical Alert to Improve Fall Detection Models”, International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol.4, special issue ISSN 2394-3785.
- T.Jayapriya, “Virtual flux based reactive power compensation at the AC side of PWM rectifier using soft computing technique”, International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol.5, special issue-9.
- T.Jayapriya, “Performance Enhancement of PV system using Luo Converter and FLC Based P&O MPPT”, Journal of Applied Science and Computations (JASC), Vol.6, issue.3, ISSN 1076-5131.

INTERNATIONAL CONFERENCE:

- T.Jayapriya, "Grid Connected Hybrid Power System" in International Conference on Research Advances in Communication, Electrical Science and Structures at Bharathiyar Institute of Engineering For Women , March 2017.
- T.Jayapriya, "Uninterrupted power supply to the society from variable power resources with high efficiency" in International Conference on newer Engineering Concepts and Technology, at K.Ramakrishnan College of Technology, March 2017
- T.Jayapriya, "IOT based Minimizing penalty in industrial power consumption by automatic power factor correction method" in International Conference on Recent Innovation in Science, Engineering & Management , at Tagore Institute of Engineering and Technology, March 2018
- M.Benitta Mary & T.Jayapriya, " Virtual flux based reactive power compensation at the AC side of PWM rectifier using soft computing technique" in International Conference on Computing Information Electronics and Electrical Engineering at Idhaya Engineering College for Women, March 2018.
- T.Jayapriya & M.Benitta Mary , " Performance Enhancement of PV system using Luo Converter and FLC Based P&O MPPT " in International Conference on Computing Information Electronics and Electrical Engineering at Idhaya Engineering College for Women, March 2019.

MEMBERSHIP

- ISTE – Lifetime member

ACADEMIC ACHIEVEMENTS

- Got Anna University 27th rank in M.E, Power Systems Engineering on June 2015

(JAYAPRIYA T)