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Dept. of Electrical and Electronics Engineering  
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## ACADEMIC CREDENTIALS

Qualification	Institution/University	Year	Class
M.E(Power Systems Engineering)	Sona College of Technology-Salem	2017	FWD
B.E (Electrical and Electronics Engineering)	R.M.K. Engineering College, Chennai	2014	FC

## EXPERIENCE:

**3 Years 3 Months**

## Areas of Specialization :

Power System Analysis  
Circuit Analysis

## ACADEMIC PROJECTS:

### UG-PROJECT :

AREA : Power System  
TITLE : Voltage sag compensation in Interline Dynamic Voltage Restorer.

### PG-PROJECT:

AREA : Power System  
TITLE : Voltage sag mitigation and reactive power compensation in microgrid using STATCOM

## PUBLICATIONS IN JOURNALS:

- J.R.Lydia Jenifer, "Power Quality Improvement by Voltage sag mitigation and Reactive Power compensation using STATCOM through Artificial Neural Network Algorithm", International Journal of Engineering Development and Research (IJEDR) ,Vol.5,issue.2, pages.794-799.

## INTERNATIONAL CONFERENCE:

- A.Yogarani & J.R.Lydia Jenifer,"Flying PAV using novel steering concept" in International Conference on Computing Information Electronics and Electrical Engineering at Idhaya Engineering College for Women, March 2018.
- J.R.Lydia Jenifer, " 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.
- A.Yogarani & J.R.Lydia Jenifer,"IOT based smart Automatic Shopping Cart with overload" in International Conference on Computing Information Electronics and Electrical Engineering at Idhaya Engineering College for Women, March 2019.
- J.Sumitha Josphine, V.Dhivyapriya & J.R.Lydia Jenifer , "A NOVEL ALGORITHM FOR DIGIT-LEVEL MULTIPLIER OF FINITE FIELDS" in International Conference on Computing Information Electronics and Electrical Engineering at Idhaya Engineering College for Women, Feb 2020.
- V.Devi Priya, J.R.Lydia Jenifer, "Design and Implementation of solar Photovoltaic power tracking system using Labview" in International Conference on Research and Development in Science, Engineering and Technology at St.Anne's College of Engineering and Technology, March 2021.

**(LYDIA JENIFER J R)**