

# CH VIJAYALAKSHMI

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## Career Objective:

To be associated with an organization that gives me the scope to apply my knowledge and skills to involve as a part of the team that works towards the growth of the organization.

## Academic Qualifications:

Qualification	Name of Institution	Year of Pass
M. Tech (Power Systems)	Acharya Nagarjuna University	2020
B. Tech (EEE)	G.V.P. College of Engineering for Women	2017
Diploma (EEE)	Andhra Polytechnic, Kakinada	2014
SSC	A.P.R. School	2011

## Training & site visits:

- Undergone 6 months training at Visakhapatnam steel plant in “**Thermal Power Plant & Distribution Network Department**” and prepared Project report on working of both the plants.
- Trained in HIEE on switchgear panel design, substation design, cable selection and sizing, transformer selection and sizing, solar PV system design.

## Technical skills:

Applications: MS Office

Software Skills: AutoCAD, MATLAB, ETAP, PLC, PVsyst.

## Academic projects:

- “**Permanent magnet wind generator**” with an objective of generating the electricity without the support of grid.
- Designed the Model of D.C. Motor in order to proof the “**Faraday’s Laws of Electromagnetic Induction**”.
- “**Multi-Level Inverter with Reduced Number of Switches**” with an objective to reduce the THD to very low value.
- Pole to ground fault analysis of “**Vsc Based HVDC Transmission System**”.

## Academic Achievements:

- First prize on the project “**Permanent Magnet Wind Generator**” in hardware expo conducted at Gayathri Vidhya Parishad College of Engineering (Autonomous).
- Second prize on the topic “**Foot Step Power Generation**” for paper presentation in Technotsav 2K17 conducted at Gayathri Vidhya Parishad College of Engineering for women.

## Publications:

- Published an IEEE paper on “**Reactive Power Compensation Of A Solar Integrated Utility Grid Through Real Power As A Function Of Power Factor Method**” in International Conference on smart grid and electric vehicle (ICSGEV-2021)

## Personal Details:

- Fathers name : Sri. Apparao
- Mothers name : Smt. Sailakshmi
- Date of Birth : 12-07-1996
- Languages known : Telugu, English
- Address : Singannadorapalem, K Kotapadu, Visakhapatnam, AP-531034