



Navya Sri Kottapally

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Objective

Seeking a challenging career in an esteemed organisation which would provide me an opportunity to enhance my skills reaching the goals of the organisation with the best utilisation of my abilities

Technical Skills

- Programing: Basics of C language
- Operating: Windows 7.10
- Other Tools: Matlab

Education

- **Osmania University**
M.E(Industrial Drives and Control) 2020
8.86(CGPA)
- **Kakatiya University College of Engineering and Technology**
B.Tech(EEE) 2017
85%
- **Shanthi Junior College**
Intermediate 2013
96.6%
- **Sri Viveka Vardhini High school**
10th 2011
94%

Projects

- **#1. Analysis of loss calculation in 3 level neutral point clamped inverter with sinusoidal pulsewidth modulation.**

Tools : Matlab, fuji igbt loss simulator.

Description :

- 3 level neutral point clamped multilevel inveter is simulated in matlab and output voltages are obtained.
- Power losses both conducting and switching losses of devices and parameters affecting the losses are studied.

- **#2. A 15 level asymmetric cascaded H bridge multilevel inverter with reduced number of switches.**

Team Size : 6

Role : Team leader

Technologies & Tools : Simulink Matlab

Description :

- Multiple dc source cascaded H bridge multilevel inverter is connected in series to increase the number of levels with reduced number of switches.
- In this topology non uniform voltage levels are applied to asymmetrical cascaded H-bridge multilevel inverter and different voltage levels are obtained in the output.
- Phase disposition pulse width modulation technique is used to control the switches and THD is reduced.

Certifications

- Certified in INSIGHT 2014, soft skills workshop by Technical Association of Electrical Engineers.
- Certified in the industrial visit project "OVERVIEW OF THERMAL POWER PLANT" at KTPS.
- Certified as a volunteer in the workshop conducted in the college.
- Certified in NSS winter special camp.
- Certified from NIT AP in the summer internship program.

Achievements & Awards

- Qualified in GATE 2018 with an All India Rank of 4933 and Gate Score 536
- Got first prize in an essay writing competition held at school level.

Strengths & Hobbies

- **Strengths :**
Self motivated, Deterministic towards achieving goals, Zeal to learn new things and ability to work as an individual and in a team
- **Hobbies :**
Solving puzzles, Dancing and Playing games

Languages Known

- English & Telugu

Declaration

- I hereby declare the information provided above is true to the best of my knowledge and I assure that I will be obedient to the regulation and sincere to the assigned job profile.
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