

RESUME

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Career Objective:

To place myself in a well-developed organization where I can apply my functional and technical expertise, innovative thinking and hardworking capability to become a dedicated IT professional.

Education Details:

- B. Tech (EEE) from Godavari Inst of Engineering and Technology in 2019 with an Aggregate of 7GPA.
- Diploma (EEE) from SVCM Polytechnic college in 2016 with an Aggregate of 8.1GPA.
- SSC from KASRM Nethaji school in 2013 with an Aggregate of 7.3GPA.

Project Profile:

- Project Name : A Quasi Z-Source Inverter with Continuous input Current
- Role : Lead
- Team Size : 5
- Duration : 4 months
- Environment : Power

Description:

- It deals with a new family of high boost voltage inverters that improve upon the conventional trans-Z-source and trans-quasi-Z-source inverters.
- The improved trans-Z-source inverter provides continuous input current and a higher boost voltage inversion capability.
- In addition, the improved inverter can suppress resonant current at startup, which might destroy the device.
- In comparison to the conventional trans-Z-source/-trans-quasi- Z source inverters, for the same transformer turn ratio and input and output voltages, the improved inverter has a higher modulation index with reduced voltage stress on the dc link, lower current stress flow on the transformer windings and diode, and lower input current ripple.
- In order to produce the same input and output voltage with the same modulation index, the improved inverter uses a lower transformer turn ratio compared to the conventional inverters.



- Thus, the size and weight of the transformer in the improved inverter can be reduced. This paper presents the operating principles, analysis and simulation results, and compares them with those of the conventional trans-Z-source/-quasi-Z-source inverters.

Roles & Responsibilities:

- Understood the complete requirements of the Project.
- Gave guidelines to the Team members for execution.
- Involved in test scripts review and debugging of modification existing scripts.
- Preparing and Executing Batch Test Suite .

Industrial Training:

- Worked at 132/ 33KV Substation department of Andhra Pradesh Transmission Corporation (APTRANSCO)at Nellore Palem, Atmakur (N) for 6 Months as a part of industrial training.

Soft Skills:

- Interactive and co-operative nature
- Comprehensive problem-solving ability
- Willingness to learn
- Good team player

Personal Details:

Father 's Name : K. Vengaiah

Mother ' s Name : K. Subbarathnamma

Date of Birth : 25/ 06/ 1998

Nationality : Indian.

Languages : English, Telugu,

Hobbies : playing carroms, Reading newspaper

Declaration:

I hereby declare that the above information provide by me is completely vouched to the best of my knowledge.



Date:

Place:

signature

K.v.manoj

