



CHALLA JITENDRA KUMAR

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Competencies

- Designing
- Electrical Operations
- Power Systems
- Project Execution
- Engineering calculations

Technical Skills

- Design Tools: AutoCAD, E-CAD, MULTISIM, Simulink And Circuit Wizard
- Design and Development of Mini & Major projects
- Engineering calculations
- Programming Language: C

Academic Achievements

- Secured 2nd prize for multilevel inverter project in RVR&JC college Guntur on 17th & 18th Feb. 2017
- Secured 1st prize for multilevel inverter project in Sri Vasavi engineering college 12th anniversary celebrations on 25th Feb 2017

Paper Presentation

- Presented Paper on Multi Level Inverter in National Level Technical Fest organized by Swarnandhra Engineering College on 11th March 2014

Extracurricular Activities

- Visited Vijayawada Thermal Power Plant and 132/66/33 KV Substation of APTRANSCO in 2016.
- Participated in Web-casting Duties on 07th May 2014 in General Elections held at Guntur District.

Objective

*Entry- level professional targeting assignments in **Design Engineering in building construction Engineering** with a reputed organisation preferably in **Middle East**.*

Profile Summary

- B.Tech. in Electrical and Electronic Engineering with 2 months of experience in Electrical Machines, switchgears and Power Systems.
- An **Autodesk Certified User**.
- Hands-on experience in supervising operation & maintenance systems for efficient production of end products.
- Implementing various quality standards & techniques for improving the project operations with the help of **Auto CAD, ELECTRICAL CAD, MULTISIM, Simulink and Circuit Wizard**.
- An ambitious & hardworking individual with excellent relationship management skills and the capability to manage time effectively.

Education

- BE in Electrical and Electronics Engineering from Sri Vasavi Engineering College, Tadepalligudem with 70% in 2017.

Internship Details

- Internship at **Rashtriya Ispat Nigam limited**, vizag steel for 2 months on electrical machines and switchgears.

Certifications

- **Autodesk Certified User** , Certified by Autodesk USA in AutoCAD.

Major Projects

Title: Multilevel inverter(7-level)

Institution: Sri Vasavi engineering college

Software: MATLAB,MULTISIM

Description: The hardware project is designed to reduce the harmonic distortion and to increase the battery life. By using the code composer studio software program is dumped in MSP 430 controller and it passes the signals to the MOSFETs. Though 2 level,3 level,5 level existed in electrical environment but 7 level inverter uses only less number of switches and no need of any additional components such as capacitors and sources. So there by reduces the cost of the equipment and increases the battery life by reducing the harmonic distortion.

- Acted as Student Coordinator for successful conduction of GATE Mock Test in Sri Vasavi Engineering College in 2015

Personal Details

Date of Birth

13th Aug 1996

Languages Known

English, Telugu and Hindi

Gender

Male

Permanent Address

Chinakapavaram, D.no 3 -
29,janakiramapuram street,
Aividu mandal ,pin code
534235,west Godavari district
,Andhra Pradesh ,India

Title: Pedal Power Generation

Institution: Sri Vasavi engineering college

Software: Circuit Wizard

Description: When a person starts pedalling stationary exercise cycle designed in this project, mechanical energy generated by pedalling is converted into electrical energy by using dc generator and to charge the batteries, so that energy conversion is free of cost and will never cause environmental degradation. Inverter is used to convert dc power into AC power and for domestic appliances, hence the same time body fitness is maintained and power generation is possible.

I hereby declare that the above written particulars are true and correct to the best of my knowledge and belief.

Date:

Place:

(CHALLA JITENDRAKUMAR)