

APPLICATION FOR THE POST OF ELECTRICAL ENGINEER

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SUMMARY

- I have completed my B. Tech. in electrical engineering from Indus University, Ahmedabad with a CGPA of 7.04. currently i am working as a Apprentice in production department in Inductotherm (INDIA) Pvt Ltd.
- I was doing online certificate course on Design of Photovoltaic cells in NPTEL.
- My final year project at Indus university was titled "Three Phase 150 Degree Mode of Conduction Voltage Source Inverter (VSI)" I published a research paper on my final year project in publication description International Journal of Engineering Research & Technology(ESRSA publication) Dec 22, 2016.
- Very Good Communication, Problem Solving and excellent team building skills.

CAREER OBJECTIVE

To be a successful, responsible and a leading engineer. To utilize and explore my knowledge and skills to the best of my ability. To utilize my technical skills for the growth of my society and my country.

EXPERIENCE

Jan-2017 - Till Today	Inductotherm (India) pvt Ltd
Apprenticeship as a production Engineer	
Jun-2016 - Jul-2016	L&T-CHIYODA LIMITED
Vocational Training	I done the vocational training in "Overall Power Distribution Scheme & System Study" during Jun 8th 2015 To July 4th 2015.

PROJECTS

Project Name: Three phase 150degree Mode of Condition Voltage Source Inverter

Role: Team Leader and program developer

Team Size: 3

Project Duration: 6 Month

Project Detail

This my final year project. In this project, we are deal with a new modification and implementation for The most simple and well-known Three-phase, six IGBTs switch voltage source inverter (VSI). Here, 150° conduction is achieved through an Arduino board. Final execution on the hardware gave the same result as of during MATLAB simulation.

Project Name: Study of Substation

Role:

Team Size: 4

Project Duration: 6 Month

Project Detail

In this project, I have been visited the 66kv substation. To observed how the equipment's are working and study all the parameter. To study the all power system symbols, this is helping me to study layout of this substation.

Project Name: Speed control of DC Motor by PWM

Role:

Team Size: 3

Project Duration: 6 Month

Project Detail

Speed control of dc motor using the LM555 timer by varying the potentiometer. By this method we can control the speed much efficient and accurate. The duty cycle changes which control the speed of dc motor.

EDUCATION

Degree/Course	Institute/ College	University/ Board	Percentage/ CGPA	Year of Passing
B-TECH ELECTRICAL ENGINEER	Indus university	Affiliated to UGC	7.04	2016
H.S.C(Maths)	G.M.high school	Gujarat Board	75 %	2012
S.S.C(10th)	St Xavier's	Gujarat Board	69.23 %	2010

ACHIEVEMENTS

Published paper

Jaimin Trivedi, Jui Shah, Mnori Shah(2016): “ Three Phase 150 degree Mode of conduction Voltage Source Inverter Arduino” International Journal of Engineer Research and Technology, Vol. 5(12), ISSN 2278-0181 Impact Factor (2016):1.76.

AREAS OF INTERESTS

Renewable energy, Electric vehicle

PERSONAL DETAILS

Address	Plot no:155,saidarshan park, near Varsha society, shubhasnagar Bhavnagar-364001, Gujarat, 364001
Date of Birth	19-05-1995
Nationality	Indian
Marital Status	Single
Languages Known	Hindi, English, Gujarati

REFERENCES

Mr Dharmik Bhavsar

Sr. Manager

Bosch Rexroth

DECLARATION

•I hereby declare that the above mentioned information is true to the best of my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

Jaimin Pankajbhai Trivedi