UDIT JIGNESH SHAH

B.Tech - Electrical Engineering

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Ahmedabad, Gujarat, India - 380013

BRIEF OVERVIEW / CAREER OBJECTIVE / SUMMARY

Passionate to learn new technologies and to excel innovative technology application. To Implement my Innovative Ideas and Creative mind towards the Area of Engineering. Seeking a challenging position which will enable me to continuously learn, create, innovate and simultaneously contribute to the short- and long-term goals of the organization effectively using technological & managerial skills.

EDUCATION

Nirma University, Ahmedabad **(2017 – 2021)**
B.Tech - Electrical Engineering CGPA: **7.42 / 10**

Nirma University, Ahmedabad **(2019 – 2021)**
Minor Specialization in Computer Science CGPA: **7.50 / 10**

Sant Kabir School, Ahmedabad **(2014 - 2015)**
SSC (GSEB) Percentile : **95.78 / 100**

Sant Kabir School, Ahmedabad **(2015 - 2017)**
HSE (GSEB) Percentile : **82.15 / 100**

KEY EXPERTISE / SKILLS

- **PLC Programming**	- **SCADA**	- **MS Office**
- **C & C++, Data Structures**	- **MATLAB**	- **Data Analysis**
- **OS (Operating System)**	- **DBMS**	- **PSIM**

INTENSHIPS

Sofcon India Pvt Ltd Ahmedabad May 28, 2020 - July 7, 2020

Key Learning: PLC Programming , SCADA , AutoCAD & Automation

Working on PLC Programming (Allen Bradley, Delta, Siemens), SCADA Software (In Touch Wonderware) and AutoCAD simulation and making a programming on water pump management system, Street Light Controller with Implementation on hardware

Newton School July 15, 2020 - July 31, 2020

Key Learning : Digital Marketing

Assisted for getting Digital Marketing for the Newton School Website by giving Information about Newton Coding School and increasing number of subscribers.

PROJECTS

Study and Research of Various Types of Tariff Determination Methodologies of Electricity
Mentor: Prof. Pavan Khetrapal **July 2019**
Key Learning : Data Research, Analysis , Time Study
Electricity Tariff is a major knowledge building skill for an Electrical Engineer. Aim of the Project is factors which affect the Tariff Rate, Today Trend to Calculate Tariff and detail study of Load curve and Availability Based Tariff .

Simulation and Development Grid Tied Photo Voltaic System **Jan 2020**
Mentor: Prof. Chanakya Bhatt
Key Learning : MATLAB, PowerPoint , Power Electronics , Solar Energy
Major Aim of this is to extract the Maximum Power from PV Panel with implementing various algorithms like Perturb and Observe Method, Grey Wolf Optimization Method (Soft Computing Technique), Dynamic Momentum by including Accelerating Factor and Fuzzy Logic Method.

ONLINE ASSESSMENTS / CERTIFICATIONS

Digital Circuits by IIT Kharagpur
Subjects: Digital Circuits (Level - ELITE)
Key Learning: ADC (Analog to Digital Converter), DAC (Digital To Analog Converter),Multiplexers (MUX-DEMUX), Memory Type, Arithmetic Circuit, Sequential Circuits

Active Energy Efficiency of Speed Control by Schneider Electric
Subjects: Active Energy Efficiency of Speed Control
Key Learning: Different Type of Drives and its speed control operation in various Quadrants.

Industry 4.0 from Tata Steel
Subjects: Industry 4.0
Key Learning: Aim of the study is about Industry 4.0 by knowing different sensor cloud-based system etc

Electric Vehicle from IIT madras
Subjects: Electric Vehicle
Key Learning: Electric Vehicle NPTEL course of IIT Madras. The Study Aims that Basics of Electric Vehicle , Types of Electric Vehicle, Modes of Operation .

PERSONAL DETAILS

Gender: Male	**Date of Birth:** Oct. 28, 1999
Emails: 17bee102@nirmauni.ac.in , ushah9497@gmail.com	**Known Languages:** English, Hindi, Gujarati
LinkedIn - https://www.linkedin.com/in/udit-shah-8935b2178	**Phone Numbers:** +91-9909966172, +91-9909944506
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REFERENCES

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