

## ANKIT VALAND

1443 /1, Laxmi Society, Near Mahadev Temple, Mogar-388340 (Ta. & Dist. - Anand)

Contact: +91 9409214497, Email: [valandankit9@gmail.com](mailto:valandankit9@gmail.com), Date of Birth: 27th Aug, 1994

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## ELECTRICAL ENGINEER

Seeking a challenging and rewarding opportunity with an organization of repute which recognize and utilize my true potential while nurturing my analytical and technical skills.

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## TESTIMONIAL & SKILLS

Qualified **B.E. (Electrical Engineering)** from **DJMIT Engg. College at Mogar, Anand** and **Diploma Electrical Engineering from Government polytechnic at Ahmadabad; Gujarat Technological University.**

Possess knowledge of **Electrical Power Generation, Transmission and Distribution, Transformer, Industrial Drives, Switchgear & Protection and Testing & Commissioning.**

Worked on the projects **1) Automatic Power Factor Monitoring & Correction Using Microcontroller** as part of academic curriculum.

**Outstanding communication skills** coupled with exceptional presentation skills with the ability to perform well.

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### Technical Skills

Operating System Windows XP/7/8

Others MS Office, Internet Applications, MATLAB Simulations, Multisim

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## EXPERIMENTAL LEARNING PROGRAM

**Apprentice at Madhya Gujarat Vij Company Ltd. [MGVCL]**

**1 Year experience**

BOAT Apprentice at Chhani S/Dn Work as a Junior Engineer.

**Vocational Training @ Rhino Machines pvt. Ltd.**

**10 Days Training**

Trainee

I was learning there complete observed the technical points during manufacturing process. Also learn which kind of functions Engineers have to do and understand the industrial environment.

## EDUCATIONAL CREDENTIALS

**B.E. (Electrical Engineering), 2016**

Dr. Jivraj Mehta Institute of Technology, Mogar, Anand; 7.92 CGPA

**Diploma in Electrical Engineering, 2013**

Government Polytechnic Ahmadabad; 7.38 CGPA

**Matriculation, 2010**

H. S. Mahida High School, Mogar; 78.46 %

## Industrial Visit Attended

1. Atlanta Electricals Pvt Ltd. Vitthal Udhyognagar.
  2. Thermal Power Station, Wanakbori. Gujarat.
  3. 400 kV Substation, Mogar, Anand. Gujarat.
  4. Adani Power Station, Mundra, Gujarat.
  5. Laxmi Tuwar Dal Mill, Vasad, Anand
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## **Project Undertaken**

Title Automatic Power Factor Monitoring & Correction Using Microcontroller Review

Under the title of this project we have analyzed the most induction motors are use. That time one question arrives about the power factor. Power factor is the value of a system that reflects how much power is being borrowed from the power company for the system. Quantitatively, power factor ranges from zero to one and is the cosine of the difference in the angle between the current and voltage. Many power companies regulate residential and industrial power factors to make sure that they do not fall below a certain level and charge the customer more on their utility bills if the power factor falls below a certain level. Power factor correction serves to correct low power factors by reducing the Phase difference between the Phase difference between the current and voltage at the distribution point for a company or residence. The most common way to correct the power factor is to switch capacitor banks at the source to generate “negative” reactive power. This project’s goal is to make a system that will switch capacitor banks in and out of the circuit. When the power factor drops below a certain point to avoid power company charges.

**Hobbies:** Playing Games, Travelling, and Internet surfing and Reading.

**ANKIT VALAND**