



## PRERAK JAYENDRAKUMAR AMIN

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- **Address:** 03-SHARNAM APPARTMENT, JAGABHAI PARK, RAMBAUG, MANINAGAR, AHMEDABAD-380008
- **DOB:** 27<sup>th</sup> -December ,1994
- **Sex:** Male
- **Maritual status:** Single
- **Language Known:** English, Gujarati, Hindi

### **OBJECTIVE:**

- To start a career with a company that provides excellent platform to work and train which enables me to upgrade my skill and knowledge continuously to achieve the objectives of company.
- To be a part of reputed and well known compney.

### **Educational Qualification :**

Degree	Institution	Year	Score
Bachelor of Engineering (Electrical)	Gujarat Technical University (GTU)	2016	CPI = 7.45 CGPA = 7.90 SPI VIII <sup>th</sup> SEM=8.87
12 <sup>th</sup> Standard (HSC)	Gujarat Secondary & Higher Secondary Education Board	2012	55%
10 <sup>th</sup> Standard (SSC)	Gujarat Secondary & Higher Secondary Education Board	2010	78.92%

**TRAINING:**

- At IIM Ahmedabad worked as trainee engineer in Electrical Department.

**ACADEMIC PROJECT:**

"ARCHITECTURE AND FRAMING OF IGBT BASED CONVERTER FOR EXCITATION SYSTEM OF SYNCHRONOUS GENERATOR"

**DESCRIPTION :**RECENTLY THYRISTOR BASED CONVERTERS WERE USED IN EXCITATION SYSTEM OF SYNCHRONOUS GENERATOR BUT THE SYSTEM HAS SOME DISADVANTAGES. SO, TO OVERCOME THAT, IGBT BASED CONVERTER IS USED WHICH CAN FULL-FILL THAT REQUIREMENT. MAIN TASK IS TO FRAMING OF IGBT BASED CONVERTER FOR AUTOMATIC EXCITATION SYSTEM OF SYNCHRONOUS GENERATOR, WHICH CAN KEEP TERMINAL VOLTAGE CONSTANT WITH FLUCTUATION IN LOAD. IN THIS PROJECT IGBT BASED CONTROLLED CONVERTER IS DESIGNED AND SIMULATED ON MATLAB SOFTWARE AND ACTUAL ANALYSIS OF THE SAME IS CARRIED OUT ON HARDWARE AND BOTH RESULTS ARE COMPARED.

**TECHNICAL SKILLS:**

- Conversant with Computers in terms of Operating an individual.
- Knowledge of Internet other tools.

**INDUSTRIAL VISIT:**

- Adani Mundra port

**PERSONAL TRAIT:**

- Creative and logical
- Problem solving ability
- Co-operative and keen observer
- Excellent communication skill

**EXTRA CURRICULAR ACTIVITIES:**

- Participation at ROBO-WAR in Technical Festival at AIT collage competition.

**Email Application:**

- MS Outlook.
- Gmail

**ACHIEVEMENT:**

- Auto-Cad, MATLAB, MS Office (Word, Excel, Power point)

