

Jaytirth Aniruddh Brahmbhatt

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## CAREER OBJECTIVE

To work with maximum potential in a challenging environment and dynamic environment, with an opportunity of working with group of people and enhancing my professional skills with learning and experience for career growth.

## ACADEMIC QUALIFICATIONS

Educational Qualifications Examination	School/College	Board/University	BRANCH	Year Of Passing	Result
B.Tech(8 <sup>th</sup> Semester)	Indus University	Indus University	EEE	2017	PURSUING
B.Tech(7 <sup>th</sup> Semester)	Indus University	Indus University	EEE	2016	7.56/10(SGPA)
B.Tech(6 <sup>th</sup> Semester)	Indus University	Indus University	EEE	2016	8.20/10 (SGPA)
B.Tech(5 <sup>th</sup> Semester)	Indus University	Indus University	EEE	2015	7.96/10 (SGPA)
B.Tech(4 <sup>th</sup> Semester)	Indus University	Indus University	EEE	2015	8.08/10 (SGPA)
B.Tech(3 <sup>rd</sup> Semester)	Indus University	Indus University	EEE	2014	7.60/10 (SGPA)
Diploma	Nirma University	Nirma University	E.C	2014	7.63/10 (C.P.I)
S.S.C	Skum	G.S.E.B	N/A	2011	76.30%

## PROJECTS COMPLETED IN DIPLOMA & B.TECH

### Minor projects

- Dual power supply
- Electro mosquito repelled circuit
- Fan regulator circuit
- 4-bit BCD adder
- Hartley Oscillator using Transistor
- Square wave & Triangular wave generator using op-amp
- Speed control of motor and intensity controller of LED-with the help of BT136

### Major projects

- Solar charger based rural lighting system –prototype module(consists of Solar charge Controller ,Mobile Charge controller ,LED module ,DC fan)
- Solar-charged emergency light, fan and mobile charger module(consists of DC supply, Mobile Charger, Lightning module ,fan module)

- Speed control of motor and intensity controller of LED-with the help of Microcontroller 8051
- Emergency evacuation and obstacle sensing metro railway using solar energy

## INDUSTRIAL TRAINING

1. Completed one month Industrial training at Hitachi Hi-Rel Power Electronics Pvt. Ltd. as a part of diploma studies

Training on “Industrial UPS”:- understanding & need of UPS, working and construction of UPS

2. Completed 15days of Industrial training at Hitachi Hi-Rel Power Electronics Pvt. Ltd.

Training on “Quality Assurance”:- Quality Assurance of various parts which are going to be used in various types of the card of UPS

3. Completed one month Industrial training at Hitachi Hi-Rel Power Electronics Pvt. Ltd.

Training on “UPS Testing”:- Testing of various UPS panels

4. Completed three-month Internship at Bombardier Transportation Pvt. Ltd, Savli – Vadodara, as a part of 8<sup>th</sup> Semester curriculum.

Internship on “troubleshooting in electrical system of metro railway”

## CERTIFICATIONS

### Certification of participation in

- “Haptics RoboARM” organized by Institute Of Technology, Nirma University in association with ISTE Student chapter-NIDS
- “Simulation tool for circuit Design-Multisim” organized by Nirma University
- “The English Quotient-PowerPoint presentation” organized by Nirma University
- “The English Quotient-Carving Caption” organized by Nirma University
- “Tech Fest-2013” organized by Nirma University in association with ISTE Student chapter-NIDS

- **“Tech Fest-2014”** organized by **Nirma University** in association with **ISTE Student chapter-NIDS**
- **“Power Electronics & Electrical Machines”** organized by **Indus University** in association with **IIT-Gandhinagar**
- **“Energy Conservation Awareness”** organized by **Indus University** in **GEDA**

### Certification of Securing

- **First position** in **“Pratibimb’15”** organized by **Indus University**
- **Second position** in **“Just A Minute-Fastest solder first”** organized by **IEEEA-Indus University**

## EXTRA CURRICULAR ACTIVITIES

### **AT PRESENT**

- Working as a Technical and Academic head at –IEEEA- INDUS UNIVERSITY
- Volunteer convener for press and electronics Media at BAPS SWAMINARAYAN SANSTHA
- Volunteer at SIDDHARTH CIRCLE OF CHILDCARE
- Team-member of The Insane Creatures

## PERSONAL SKILLS

- Good organisational skills
- The ability to manage a budget in project
- Excellent team building skills

## COMPUTER LITERACY

- Operating System: DOS, Windows
- Packages: MS Office, Internet, E-mail & Networking (CCNA), Adobe reader
- Languages: C+
- Software’s: Keil(mc8051), Modelsim(vlsi), National Instruments(multisim 11.0), cisco packet tracer, MATLAB (DAC), Eagle, MATLAB, XiLINUX SOFTWARE 12.4i,

## PERSONAL DETAILS

- Date of Birth : 30th October 1995
- Gender: Male
- Hobbies/ Interests: Listening songs, travelling, Photography & playing cricket
- Languages Known: English, Hindi & Gujarati
- Permanent residential Address: A/5 sudarshan tower;  
Near new nikita cross road;  
Thaltej,Ahmedabad – 380054