

# DIKSHYA SINGH

Electronics and Communication  
Engineering

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## OBJECTIVE

In anticipation of an opportunity to work in an advanced industrial environment, to prove my mettle and gain knowledge in my fields of interest at the same time.

## ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
B-Tech	Saraswati Higher Education And Technical College of Engineering, Varanasi	88.71% (current)	2020
CBSE (XII)	Kendriya Vidyalaya Borjhar Guwahati, Assam	88.8%	2015
CBSE (X)	Kendriya Vidyalaya Borjhar Guwahati, Assam	10 CGPA	2013

## SKILLS AND INTERESTS

- Languages: C, Python
- Softwares: MS Excel, Atmel Studio 6.1, Arduino 1.8.9.
- Areas of Interest: Logic Designing, Signals and Systems, Principles of Communication.

## Internship/Training

Company: BSNL, RTTC Lucknow

Duration: 6 weeks

- Learned about Optical fiber communication.
- Learned about Pulse Code Modulation principles.
- Learned about Mobile Communication- GSM, CDMA, 4G.

## Projects/Courses

### Project: Temperature Controlled Fan Using Arduino

- Made a prototype of Automatic fan speed controller with temperature variation.
- Used a 16\*4 LCD Screen to Display the Parameters.
- Applied PWM Technique to control the Voltage and Control of DC fan speed is accomplished by the data communication between Arduino, LCD, DHT11 sensor module and DC fan.

### Courses:

1. Embedded System(Using AVR) from CETPA INFOTECH PVT. LTD.
2. PLC & SCADA from CETPA INFOTECH PVT. LTD.
3. Internet Of Things(IOT) and Python from CETPA INFOTECH PVT. LTD.
4. Python from CETPA INFOTECH PVT. LTD.

### Duration

- 6 weeks
- 6 weeks
- 4 weeks
- 4 weeks

## ACHIEVEMENTS / EXTRA CURRICULAR ACTIVITIES

- Participated in The Green Olympiad 2010.
- Participated in Regional Science Exhibition 2011 held at K.V., E.M.E. Baroda.
- Won 2nd prize in KHO KHO Competition in Annual Sports Competition 2011, KV No.3 Cantt, Gandhinagar.
- Participated in Intra Regional Level of 20th National Children's Science Congress 2012 held at KV, IIT, Guwahati.
- Participated in Regional Level of 21st National Children's Science Congress 2013 held at KV, Khanapara, Guwahati.
- Participated in SOF-16th National Science Olympiad 2013.
- Participated in SOF-16th National Science Olympiad 2014.
- Attended 2 days workshop on IOT - Internet Of Things held at Technex 2019, IIT BHU VARANASI .

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