

BIPARNAK ROY

[Bachelor of Engineering in Electronics and Instrumentation]

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About me:

Technical skills: C, C++, Java, Python, HTML, CSS, Java Script, Arduino, P5.js, PCB design, Ms Office.

Languages: **fluent:** English, Hindi, Bengali **Conversational ability:** German.

Position of Responsibility: Assistant prefect in school, Technical head in school fest (Youthpia).

Art Technology: Coral draw, Adobe Photoshop.

Interest: Pottery, art, photography, circuit design & robotics, Riffle Shooting, poetry & elocution

Work experience:

Ideal Mission School

Associate Guest Lecturer

Kolkata, India (Summer 2018)

- Successfully taught Science and Mathematics to a class of 30 students of 9th grade
- Provided simplified explanation aided with mind maps and pictorial descriptions

Uhinese Shri Shikshayatan [N.G.O. Producing Jute handicrafts]

Junior Sales Associate

Behampore, West Bengal, India (2014-15)

- Played an important part in the increment of the sales figures
- Built a strong network in my area of operations
- Attended many fairs all over the country

Competitions and Personal Projects:

Microsoft Technology Associate: 98-381 (python certification)

(2019)

- Microsoft Technology Associate:98-381 certified python programmer
- Certificate: eAX9-4TpH

National Robotics Championship [Organized by IIT Bombay]

(2014)

- Zonal champions amongst 134 teams
- Built a semi-autonomous robot (line control follower Bot)
- Used arduino to build the robot

IIT JEE Video Lectures

(2018)

- Built a website listing all the important links to the video lectures
- Used HTML, CSS and Java script to build the webpage
- Link: www.iitjeevidelectures.tk

Robotics Everyday

(2019)

- Built a technical blog website containing all the latest information about the tech world.
- Link: <http://www.roboticseveryday.ml>

Deutsch Camp [organised by Maxmullar Bhavan]

(2013)

- Attended a 7 day camp at Munnar, Kerela.
- Learned a lot about the German language.

Automatic Irrigation System & chemical less pest repellent

(2014)

- Built an automated watering system for the farms, which waters the crops when the soil gets dry according to the needs.
- The system uses ultrasonic sounds of varying frequency to repel insects and pest.
- Won the second runners up position at NIE Times science fest with this model.

Education:

Jadavpur University

(2019-present)

- Bachelor of Engineering in Electronics and Instrumentation (First year)

- Class 11-12(ISC) science stream with computer science (cumulative: 94.5%)
- Class 10th (ICSE) science stream with mathematics and computer applications (cumulative: 93.4%)