

Soumajit Bhattacharjee

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Education

Program	Institution/Board	%/CGPA	Year
B.Tech Electrical Engineering	National Institute of Technology Arunachal Pradesh Jote, Arunachal Pradesh	8.07/10	2022-26
Class XII CBSE	Narayana Rajarhat ,Kolkata, West Bengal	89%	2020-22
Class X ICSE	Lions Calcutta greater Vidya Mandir Kolkata, West Bengal	91.0%	2020

Scholastic Achievements

- Selected as **Reliance Foundation Undergratuate Scholar** .
- Secured **9th** rank in school and **246th** rank in the State in **International Informatics Olympiad (IIO)Computer** in **6th standard** .
- Secured **under 500** rank in **Vigyan Aviksha-2016** in the state.
- Currently ranked **third** out of **27 students** in the **Electrical department**.
- Mentored a team to **World Robotics Championship**,for the category of Line follower robot.

Projects

MSME PROGRAMME IOT Arduino	April, 2024 NIT Arunachal Pradesh
<ul style="list-style-type: none">Designed a working model of a NIT IOT APP where the weather humidity and temperatureDesigned a working model of a motion detector where the we can detect whether the state of motion of any object.Successfully coded the entire functionality of the system on Arduino IDE.	
WORLD ROBOTICS CHAMPIONSHIP,TECHNOXIAN IOT,Robotics Arduino	August, 2024 Noida Indoor Stadium

Designed a line follower robot ehich would follow a track of black line in limited amount of time

Technical Skills

- Programming Language:** C, Java
- Web Technology:** HTML, CSS, Javascript
- Tools:** Microsoft Excel, Microsoft Office
- Electrical and Electronics:** CNC Machines, IOT
- Extra:**Poster Making,Step 5 programming

Experience

- Bharat Heavy Electricals Limited(BHEL),Vishakapatnam**

I spent a month as an intern at BHEL between December 2023 and January 2024, where I learned how CNC machines operate and their many concepts. I also learned step 5 programming, which is necessary to operate the CNC machines. I was also instructed on the institute's electricity system.

- **Oil and Natural Gas Corporation(ONGC),Kolkata**

During the month of June 2024 to July 2024, during the summer holiday, I worked as an intern at ONGC, Kolkata. I learned about several kinds of DC machines, AC alternators, UTS, batteries, stator, and rotor employed in their industry from the lecturers.

Position of Responsibility

- **Event Coordinator,Think India NIT Arunachal Pradesh**

Organise a number of Think India, NIT Arunachal Pradesh events in which we invite experts from a range of fields who have received recognition for their contributions and have in-depth understanding of the subject matter.

- **Technical Secretary,Electrical Engineering Student's Society,NIT Arunachal Pradesh**

Organise several technical events in the EESS that give students a platform to demonstrate their practical knowledge and aid in their acquisition of practical knowledge. Additionally, oversee and maintain the EESS official website so that students, instructors, and anyone else interested in learning more about our college's EESS organisation can do so.

- **Social Media Manger, Robotics Club**

Oversee the Robotics Club's social media accounts on Instagram and LinkedIn at NIT Arunachal Pradesh. We use social media to reach out to well-known individuals in the robotics community who can mentor our college's students and provide them with insight into the workings of the robotics industry.

Extra-Curricular Activities

- Placed **third** in the **school's intramural Chess Competition** in seventh standard.
- Is the department's **Class Representative** for **Electrical Engineering** since the beginning of the first year.
- Participated in a number of **Intra** and **Interschool Essay** competitions .
- Participated in **World Rootics Championship,WRC**. in category of line follower.