



राष्ट्रीय प्रौद्योगिकी संस्थान, जमशेदपुर

National Institute of Technology, Jamshedpur

(An Institute of National Importance, under MHRD, Govt. of India)

ARUNIMA CHAKRABORTY

B TECH. (HONS), ELECTRICAL ENGINEERING

DOB:- 23rd January, 2006 Reg. ID: - 2024UGEE058

OBJECTIVE

Looking for a challenging career which demands the best of my professional ability in terms of technical analytical skills and helps me in enhancing my present knowledge of Electrical domain.

EDUCATIONAL QUALIFICATION:-

	Name of Examination	Year of passing	Board/ University	Institution	Percentage/ CGPA
Graduation	B.Tech (Electrical Engineering)	2028	NIT JAMSHEDPUR	NIT JAMSHEDPUR	8.81 CGPA
Senior Secondary(XII)	AISSE	2024	CBSE	GURU GOBIND SINGH PUBLIC SCHOOL,BOKARO	96.2%
Secondary School(X)	AISSE	2024	CBSE	GURU GOBIND SINGH PUBLIC SCHOOL,BOKARO	97.2%

ACADEMIC ACHIEVEMENTS

- Selected for NXP Women In Tech(WIT) Programme-Batch IV by NXP Semiconductors as one of the top 75 students across India among 18000+ applicants.
- IIPA Project shortlisted among 30 out of 85+ submissions.
- Secured 2nd position in IOTify- an ESP and Cloud Integration Challenge, conducted by Team Innoreva in collaboration with Pre OJASS'25.
- Finalist (Top 100 teams among 360+) in Innov-a-thon'25 organized by NIT Rourkela.
- Participated in Prodigy 6.0 – Case Study Challenge by XLRI Jamshedpur; received 5.5/10 marks, only 0.3 points away from final selection.

6. Participated in Robosoccer event during Pravardhan'24
7. Achieved 97.95 percentile (AIR ≈ 32K among 1.45M registered candidates) in JEE Mains 2024.

SKILLS:

1. MATLAB & VERILOG BASICS
2. Arduino IDE,Blynk
3. Worked with various Microcontrollers,Sensors, Actuators & have basic knowledge of the Communication protocols.

POSITION OF RESPONSIBILITIES

1. Mentee at NXP Semiconductors.
2. Member of Team Innoreva ,NIT Jamshedpur.
3. Served as teacher for “SANKALP - A PLEDGE TO CHANGE”.

EXTRA-CURRICULAR ACTIVITIES

1. Distinction grade in Painting (fine arts) completed till 2nd year(2020).
2. Yellow Belt in Karate(2019).
3. Silver medal in Taekwondo at district level(2021).

HOBBIES & INTERESTS

1. Painting
2. Singing

PERSONAL INFORMATION

Correspondence Address :-	Room No.-1003 ,hostel D Nit Jamshedpur, PO: RIT campus, Dist: Saraikela Kharsawan, Jamshedpur , Jharkhand, 831014
Permanent Address :-	Sec-4/F,Qtr. No.-7282,Bokaro Steel City,Jharkhand, Pin- 827004.
Email id :-	chakrabortyaranima703@gmail.com or 2024ugee058@nitjsr.ac.in
Phone/Mob No :-	8340632381

PROJECTS

1. **Smart Farm Monitoring system**:-Built using Arduino UNO, DHT11 Sensor,MQ2 Smoke sensor, Pir Sensor ,Soil moisture Sensor.
2. **LPG Gas Detection System(IIPA Project Idea)**:-Built using ESP32,MQ2 Gas Sensor, OLED Display, Servo Motor, load cell+HX711 amplifier module, IOT & Cloud Service provider.

3. **Line tracing Bot**:-Built using Arduino UNO, IR Sensor, L298N Motor Driver, BO Motors.
4. **Remote controlled bot for Robo Soccer**:- Built using Arduino UNO,L298N Motor Driver, HC-05 Bluetooth module, BO Motors.

DECLARATION

I do hereby declare that the above given statements are true and correct to the best of my knowledge.

Arunima Chakraborty