

Atri Ranjan Das

Final Year (B.Tech)
Electrical & Engineering
at NIT Rourkela
CGPA: 7.73 till 7th Sem

LA-513, HAL Township, Sunabeda
Koraput, Odisha-763002, India
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Links

LinkedIn: [Atri Ranjan Das](#)

Skills

OS

Windows

LANGUAGES

Basic C, Basic C++

OTHERS

Matlab, Multism

Coursework

Electrical Machines

Digital Electronics

Analog electronics

Power electronics

Power systems

Education

2020-2024

B.TECH. IN EE

NIT Rourkela

CGPA : 7.73/10

2017-2019

INTERMEDIATE

SVM Neelakanthanagar

Berhampur

Percentage: 83.83%

2015-2017

HIGH SCHOOL

Vyomayana Samstha Vidyalaya

Koraput

CGPA: 10.0/10.0

Experience

- 2023 **DRDO, Chandipur** **Summer Industrial Training Internship**
High altitude Power System: Development of a high altitude power system that focuses on power generation, transmission, conditioning, and monitoring while taking various elements into account for higher altitudes.
Electrical machines, Power electronics
- 2022 **Hindustan Aeronautics Limited, Koraput** **Summer Intern**
132/11 kV Substation: Practical voltage step-down and transmission in 132/11 kV and 11000/440 V substations. Working of switch-yard equipment and different protection devices.
Electrical machines, Power systems
- 2022 **National Institute of Technology, Rourkela** **Research Intern**
Heartbeat sensor using 8051: Hardware as well as software implementation of heartbeat sensor using 8051 microcontroller. The sensor measures heartbeat for 15 sec and gives output in beats per minute.
Embedded systems, Analog electronics, Digital electronics

Achievements/Certifications

- 2023 **Veethika** **Winner**
All India Art competition organised by UTKRISHT, IIIT Lucknow.
- 2021 **Matlab Onramp** **Mathworks**
Completed a course on basic Matlab offered by Mathworks.
- 2021 **Simulink Onramp** **Mathworks**
Completed a course on Simulink training offered by Mathworks.

EXTRA CURRICULAR ACTIVITIES

- 2023 **Core team member, G20** **NIT, Rourkela**
Organized events and competitions for the anchor(NIT Rourkela). Contacting different schools and colleges, interacting with officials, planning, organising and managing events instructed under G20 summit.
- 2022-2023 **President, AKRITI** **NIT, Rourkela**
As the President of AKRITI(Art and Craft Society), managed a team of 60 people including seniors and juniors. Organized workshops, exhibitions, competitions and events which helped to develop character, discipline, leadership, secular outlook and teamwork.
- 2022-2023 **Management team, Rotaract** **NIT, Rourkela**
As a part of the social service society, organised and attended several events that aim to develop character, comradeship, discipline, leadership, and ideals of selfless service.