# Rashmiranjan Sethy

## M.Tech. | NIT Rourkela

Final Year, Production Engineering
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## Education

**2023-PRESENT**
M.TECH., PRODUCTION ENGG
NIT Rourkela
CGPA : 7.33/10 (till 2nd Sem)

**2018-2022**
B.TECH., MECHANICAL ENGG
ABIT Cuttack
CGPA : 8.4/10

**MAY 2018**
INTERMEDIATE
BBM Autonomous collage, Chandikhol
Percentage: 47.33%

**APRIL 2016**
MATRICULATION
Aruha High School, Aruha
Percentage: 76.16%

## Links

LinkedIn:// **rashmiranjan-sethy-77852b205/**

## Skills

GENERAL PROGRAMMING
C/C++, Java, Python, Matlab

DESIGN SOFTWARES
AutoCad, Ansys, Solidworks, Catia

OTHERS
Excel, MS Word, Photoshop

LANGUAGES
English, Hindi, Odia

## Relevant Courses

Additive Manufacturing
Quality Control and Reliability
Modern Manufacturing Process
Production Technology
Metal Cutting and Tool Design

## Experience

**2022-2023**  **Apprenticeship training in the HAL koraput, Odisha**

In this Apprenticeship training in the Engine Division at HAL Sunabeda, Koraput, focusing on the SU-30 aircraft engine. Gained hands-on experience in the Methods Engineering Department, observing part design, process sheet development, and ERP implementation for efficient production workflows. Contributed to streamlining manufacturing processes and ensuring precision in aerospace engineering

*AutoCad, SolidWorks, Ansys, Animation*

## Project

**2021-2022**  **HOME AUTOMATION USING IOT**

Specialized in advanced home automation systems, extending beyond traditional lighting and heating control to encompass a wide range of smart devices, including TVs, laptops, tablets, and automated pet feeders. Proficient in integrating and managing smart home ecosystems for enhanced connectivity, convenience, and efficiency in modern living environments.

## Achievements/Certifications

**2024**  **Special emphasis on 3D printing  microwave material processing (SMI 4.0)**                                **Certified**
    Five-Days National Workshop(NIT Rourkela)

**2024**  **AI in Robotics Application**                **Certified**
    SERB, Govt. of India under SSR Policy (NIT Rourkela)

**2024**  **Developments In Aeromechanics of Drones**        **Certified**
    Five day Bootcamp, Ministry of E and IT(NIT Rourkela)

**2022**  **Java**                        **Programming courses**
    Completed a course on Odisha Computer Academy, Cuttack

**2021**  **AutoCAD**                        **Designing courses**
    Completed a course on CTTC BBSR

**2020**  **Ministry of human resource department**        **Certified**
    Participants

## Extra Curricular Activities

**2021-2022**  **Team Head**                        **Project**
    As the team head of the IoT project, I led a dynamic group of individuals in developing innovative solutions utilizing Internet of Things technology. This role involved not only technical expertise but also strong leadership, project management, and collaborative skills.