

AUROPRASAD SAHANI

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 LinkedIn-Auroprasad Sahani

Cuttack, Odisha, India

OBJECTIVE

Mechanical Engineering student with expertise in design, machining, and analysis. Skilled in problem-solving and research with hands-on project experience. Highly adaptable, detail-oriented, and committed to applying engineering knowledge toward innovative, sustainable, and impactful industrial solutions.

EDUCATION

Parala Maharaja Engineering College

Bachelors of Technology in Mechanical Engineering

2023-present

Berhampur, India

Koustuv School of Engineering, Bhubaneswar

Diploma in Mechanical Engineering

2019-2023

National Institute of Open Schooling

Matriculation

2017-2018

INTERNSHIP EXPERIENCE

Hindustan Aeronautics Limited (HAL)

Intern

JUNE 2024 - JULY 2024

Koraput, Odisha

- Gained hands-on exposure to aero-engine manufacturing, assembly, and maintenance processes at Hindustan Aeronautics Limited (HAL), Koraput Division.

Rourkela Steel Plant (Steel Authority of India Limited)

Intern

JUNE 2025 - JULY 2025

Rourkela, Odisha

- Acquired exposure to steel manufacturing processes, including blast furnace operations, rolling, and finishing.
- Observed mechanical equipment maintenance and reliability practices in large-scale operations.

PROJECTS

Working on Mini Injection molding machine.

Tools: AutoCAD, SolidWorks, Ansys

- OBJECTIVE: To design and develop a compact and cost-effective injection molding machine for small plastic components.

Dynamic and Static analysis of Footstep Bearing

Tools: Solidworks, Ansys

March 2025

- Designed and modeled a footstep bearing system using CAD software for structural and functional evaluation.

SKILLS

- **Software:** SolidWorks, MS Word, MS Power Point, Canva

- **Soft Skills:** Communication, English Proficiency, Problem Solving, Positive Attitude, Adaptability, Time Management.

LEADERSHIP

- **ISHRAE** (Indian Society of Heat Refrigeration and Air Conditioning Engineers)

- Student Secretary, PMEC, Berhampur Chapter.

2025-2026

- Coordinated technical events, workshops, and seminars to promote HVAC&R awareness among students.