



MUKESH KUMAR DAS

Roll No.: 2021UGPI020

Bachelor Of Technology

Production and Industrial Engineering

National Institute of Technology, Jamshedpur

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(An Institute of National Importance, under MOE, Govt of India)

ABOUT ME

Results-driven Production & Industrial Engineering graduate with 7 months of hands-on experience at Tata Advanced Systems Limited (TASL). Strong exposure to aerospace Composite Material manufacturing operations, applying Lean Manufacturing such as VSM, capacity planning, and time & work measurement to support productivity improvement, 5s standardization, and shopfloor efficiency. Adept at working in structured, high-quality manufacturing environments.

WORK EXPERIENCE

TATA Advanced System Ltd | GET- Industrial Engineering

July 2025 – Present

- Monitored and audited** shop floor adherence to 5S and SQCT standards across all work cells to ensure operational excellence.
- Synthesized raw production data** into actionable KPIs, including Overall Equipment Effectiveness (OEE) and Over all Labor Effectiveness (OLE).
- Leveraged data analytics** to support management in strategic decision-making and process optimization.

TATA STEEL | VT

May 2024- July 2024

A comprehensive Failure Mode and Effect Analysis (FMEA) across Mechanical design and process stages to assess and mitigate product failure risks utilizing through a structured KPI.

TECHNICAL SKILLS

- Skills:** Six Sigma Green Belt, SAKSHAM Blue Belt, Lean, VSM, Data Analysis.
- Tools:** SAP, MS Excel, Minitab, Tableau.
- Coursework:** Economics, Supply Chain Management, and Operations Research, Project Management, ERP and Emerging Tech such as IIoT, Robotics, ML and AI.
- Prepared and analyzed **Value Stream Maps (Current & Future State)** to identify non-value-added activities using Time and Work Measurement.
- Soft Skills:** Communication, assertiveness, Conflict Resolution and leadership
- Hobbies:** Reading Books, and reading articles in newspapers, and exploring Technology.

ACADEMIC EXPERIENCE

- Vocational Training at **TATA STEEL(SNTI)** through [TATA PRASHIKSHAN](#)
- Complete **Supply Chain Management** from **MIT Micro Management** Course at **Edx Platform** and make Responsive design principles of supply Chain (**Analytics and Design**)
- Participating in Short Term Course on Smart Manufacturing towards Industry 4.0 ([SMI 4.0](#)) organized by the Department of Production and Industrial Engineering, **NIT Jamshedpur**.
- I played a huge participation and had a great experience during the [Industry-Academia Conclave](#) 2023 which was Organized by the National Institute of Technology Jamshedpur.
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EDUCATION

National Institute of Technology Jamshedpur

2021-2025

Production and Industrial Engineering

CGPA 7.5

Government Polytechnic Adityapur

2019-2021

Diploma in Computer Science Engineering, Jharkhand University of Technology.

68.88%

B P M +2 High School

2017-2019

12th in Science, JAC, Jharkhand

65.6 %

SBM High School

2017

10th JAC Board, Jharkhand

69.6 %