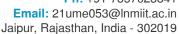


# TANISHK GUPTA

B.Tech. Hons. - ME - Robotics and Automation

Ph: +91-7357023841





#### **BRIEF SUMMARY**

As a detail-oriented designer with skills in CAD, drawing, and modeling, I am enthusiastic about expanding my knowledge in automation and manufacturing processes. I am eager to build a career that focuses on enhancing design efficiency and precision. I am committed to learning and integrating innovative solutions into design workflows to help streamline production and contribute to overall system performance.

#### **KEY EXPERTISE**

SolidWorks 3D Modeling Microsoft Excel programmable logic controller Six Sigma Lean Manufacturing

#### **EDUCATION**

# **LNM Institute of Information Technology**

B.Tech. Hons. - ME - Robotics and Automation | CGPA: 7.09 / 10

Vidhyasagar, Jaipur

12th | CBSE | Percentage: 91.66 / 100

2020

2021 - 2025

Sand Dunes Academy, Jaipur

2018

10<sup>th</sup> | RBSE | Percentage: **86.17** / **100** 

### **INTERNSHIPS**

GE Aerospace | Aviation / Aerospace

05 Jun, 2024 - 31 Jul, 2024

**New Product Implementation** 

Key Skills: Engineering Drawings CAD SolidWorks AutoCAD Manufacturing Processes

Sheet Metal

-Industrial Drawings of Sheet Metal Parts: Reviewed technical drawings for specifications, identified and documented design errors to enhance quality, and proposed alternative manufacturing processes to make manufacturing feasible.

-Process Improvement: Digitized bracket verification, saving 11,700 minutes over 50 batches

## Kota Super Thermal Power Station | Power / Energy

26 Dec, 2023 - 12 Jan, 2024

Trainee Engineer

Key Skills: Power Plant engineering

-Overall understanding of Power generation, Transmission, Distribution, Combustion, Steam generation, Turbine operations, Environmental controls, Maintenance, Safety, Efficiency.

# **PROJECTS**

### Research Project on Surface modification of biomaterials through Electrical Discharge Machining

**Key Skills:** Electrical Discharge Machining(EDM) Vertical Milling Center(VMC)

# ASSESSMENTS / CERTIFICATIONS

### Six Sigma Yellow Belt certified by GE Aerospace

Key Skills: Statistical Process Control

-Optimized the process, significantly decreasing inspection time and enhancing efficiency.

### **CO-CURRICULAR ACTIVITIES**

Vice Chairperson @ASME, LNMIIT Student chapter

#### **WEB LINKS**

Personal - https://www.tanishkdesignstudio.live/