



## 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

### LNMIIT Institute of Information Technology

2021 - 2025

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

### Vidhyasagar, Jaipur

2020

12<sup>th</sup> | CBSE | Percentage: 91.66 / 100

### Sand Dunes Academy, Jaipur

2018

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

## INTERNSHIPS

**GE Aerospace** | Aviation / Aerospace  
New Product Implementation

05 Jun, 2024 - 31 Jul, 2024

**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  
Trainee Engineer

26 Dec, 2023 - 12 Jan, 2024

**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

- o Vice Chairperson @ASME, LNMIIT Student chapter

## WEB LINKS

- o Personal - <https://www.tanishkdesignstudio.live/>