

Gokulnath Parthasarathi

✉ gokulnathparthasarathi@gmail.com ☎ +91 9487449897 📍 Salem, Tamilnadu
🌐 <https://www.linkedin.com/in/gokulnathparthasarathi/>

Summary

Mechanical Engineering graduate seeking an entry-level engineering role in design, manufacturing, or quality. Possesses hands-on exposure to CAD modeling, engineering drawings, BOM preparation, and basic GD&T principles. Familiar with manufacturing processes, dimensional inspection, and technical documentation, with a strong willingness to learn and grow in an industrial environment

Skills

Design Tools:

AutoCAD (2D), Fusion 360, Inventor, SolidWorks (3D Modeling & Assembly), HyperMesh (Basic) and Mastercam, GD&T, Tolerance Analysis.

Quality & Inspection:

Dimensional checks, metrology instruments, documentation for design verification Tolerances.

Tooling & Manufacturing:

Tool and fixture design, machining processes, assembly methods, and 7 QC Tools.

Coordination & Communication:

Vendor coordination, process planning, production follow-up and Root Cause Analysis.

Experience

TITAN COMPANY LIMITED, WATCHES & WEARABLES DIVISION

HOSUR

INTERN [Tool manufacturing department]

june 2025 - july 2025

- Gained practical understanding of **tool design, manufacturing, and validation processes** involved in precision watch components used in high-accuracy assembly lines.
- Assisted in **CAD detailing, dimensional verification**, and preparation of technical documentation supporting BOM and manufacturing activities.
- Observed **New Product Development (NPD) workflows**, coordinating with design and production teams for proto trials and approval processes.
- Collaborated with **PPC and quality control departments** to understand order planning, inspection, and process optimization ensuring timely delivery and compliance.

ONLOAD GEARS PRIVATE LIMITED

Chennai

Intern

August 2024

- Observed **high-voltage component production** and process planning systems.
- Learned **CNC machining and quality control** procedures.
- Gained exposure to **vendor management and inspection activities**

Education

Thanthai Periyar Government Institute of Technology-Vellore

2022 - 2026

B.E Mechanical Engineering

Projects

Optimization of Thermal Spray Coating Parameters to Improve Corrosion Resistance of SS304 in Marine Environment.

lattice structured prosthetic j shaped leg design

Certifications

Hyper Mesh

microsoft office essential

GD&T, stack-up, ASME Y14.5-2009, Tolerance, GDTP