

GOPINATHAN P

92/134, Kalnagar, 4th Cross street, Tiruvannamalai - 606601.

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Objective

Graduate Mechanical Engineer with 3 years of experience in Injection Molding production, CNC & ECM machining, and shift supervision. Skilled in tool handling, process monitoring, and production management. Seeking an opportunity in a growth-oriented organization to contribute my hands-on manufacturing knowledge and leadership skills in production and process improvement.

Experience

- DELPHI-TVS TECHNOLOGIES PRIVATE LIMITED, Mannur, Sriperumbudur.** Aug-2021 - Aug-2022
Short Term Trainee
 - Operated machines in CNC machining and ECM (Electro-Chemical Machining) sections.
 - Gained hands-on experience in precision machining and production processes.
 - Assisted production engineers in maintaining quality standards and cycle time efficiency.
 - Collaborated with team for trial runs and prototype machining for new components.
- ENNOVI MOBILITY SOLUTIONS INDIA PRIVATE LIMITED, Sriperumbudur.** October-2022 - December-2025
Graduate Engineer Trainee
 - Operated and monitored injection molding machines to achieve production targets.
 - Performed tool loading/unloading, mold setup, and troubleshooting.
 - Managed shift operations, workforce allocation, and production reporting.
 - Ensured process quality, safety compliance, and efficiency improvements.
 - Trained and guided operators to improve productivity and maintain quality standards.
 - Collaborated with team for trial runs and prototype machining for new components.
- EHWA DIAMONDS INDIA PRIVATE LIMITED, Irungattukottai.** February-2025 - Present
Tool Setter
 - Vendor for Hyundai Motors India Private Limited.
 - Set and installed cutting tools in CNC machines for machining the engine components are Block, Crank Shaft and Crank Head.
 - Maintained tool offsets, accuracy, and surface finish within required tolerances.
 - Identified and resolved machining issues to ensure smooth production.

Education

- Arunai Engineering College, Tiruvannamalai.** AUG 2017 - JULY 2021
B.E.MECHANICAL ENGINEERING
CGPA 7.27
- Shanmuga Industries Govt HR. Sec. School, Tiruvannamalai** March - 2017
HSC
65.4%
- Shanmuga Industries Govt. Hr. Sec. School, Tiruvannamalai.** March - 2015
SSLC
84%

Skills

- AutoCAD
- ANSYS
- Injection Molding
- Tool Handling
- Hardworking
- Leadership
- Quality Control
- Team Work
- Quick Learning
- MS Office, Excel, PowerPoint, Outlook,
- CNC and ECM Machining

Projects

- **Conveyor System by Using Four Bar Mechanism**

This mechanism aims to reduce manual effort, enhance operational efficiency, and provide a cost-effective automation solution suitable for small- and medium-scale industries. The system finds applications in assembly lines, packaging units, manufacturing plants, and automated sorting systems, where continuous and precise movement of components is required.

- **Stress and Thermal Analysis of Gas Turbine Blade by Using ANSYS 14.0**

The Structure and Thermal Analysis of a Gas Turbine Blade using ANSYS 14.0 aims to evaluate the blade's strength, deformation, and temperature distribution under high thermal and mechanical loads. This analysis helps optimize the design for improved efficiency and durability. It is widely applied in aerospace and power generation industries to enhance turbine performance and reliability.

Area Of Interest

- Production and Process Engineering
- Automobile Engineering
- New Product Development
- Tool Maintenance Services

Languages

- Tamil
- English

Additional Information

- Name: Gopinathan P
- Date of Birth: 08 May 2000 (Age: 25)
- Father's Name: Late Parthipan R
- Mother's Name: Indhumathi P
- Marital Status: Married
- Languages Known: Tamil, English
- Nationality: India
- Address: 92/134, Kalnagar, 4th Cross Street, Tiruvannamalai - 606601.