

VEERA SETHUPATHY.E

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Coimbatore.



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CAREER OBJECTIVE:

To obtain a position as a Quality Engineer in manufacturing company where I can utilize my skills and knowledge for preventing defects in manufacturing products and avoiding problems when delivering products or services to the customers.

INDUSTRIAL EXPERIENCE:

Total Experience - 5 years 10 months

Quality Engineer- Standard Room

September 2020 to Present

Gilbarco Veeder Root India Pvt, Coimbatore.

Responsibilities:

- CMM programming and inspection of NPD jobs in ZEISS make CMM.
- Process Capability study for inhouse machining jobs for all CTQ parameters through SPC study in MINITAB Software.
- Gauge development and validation activities for NPD jobs.
- In-house inspection of regular jobs in Hexagon make CMM and providing problem correction data and root cause analysis for achieving the process capability specification.
- Conducting calibration R&R study for instruments.

Quality Assurance Engineer

February 2017 to August 2020

Indo Shell Cast Private Limited, Coimbatore.

3 years 5 months

Responsibilities:

- Data analysis for internal and customer complaint issues through proper 8D and CAPA analysis.

- Preparing QRQC for customer complaint issues.
- Responsible for updating FMEA and control plan after closing the customer complaint issues
- SPC studies in defined frequencies through $\bar{X}$ R charts.
- CMM inspection for regular jobs and new part programming for development components.
- Document maintenance such as Customer Drawings, Process FMEA, Control Plan, Inspection Standards and Measurement System Analysis for internal and IATF audit.

Graduate Engineer Trainee- Quality Control

May 2015 to November 2016

L.G.Balakrishnan & Bros Private Limited, Coimbatore

1 year 6 months

Responsibilities:

- Responsible for inspection of job set up.
- Recording of inspection reports periodically through Statistical Process Control and Process Monitoring Sheet.
- Process auditing and verification of process parameters such as Tool life monitoring reports, Gauge life reports, cutting speed and feed rate against SOP and making NC reports to correct the parameters.

EDUCATIONAL QUALIFICATION:

COURSE	UNIVERSITY/ BOARD	INSTITUTION	YEAR	AGGREGATE PERCENTAGE
B.E.-Mechanical Engineering	Anna University	S.V.S. College of Engineering, Coimbatore.	2011- 2015	7.83(CGPA)
H.S.C.	State Board	V.V.Matric.Hr.Sec. School, Coimbatore.	2010- 2011	84.6
S.S.L.C.	Matriculation	V.V.Matric.Hr.Sec. School, Coimbatore.	2008- 2009	76.8

SHORT TERM COURSE:

Undergone short term technical course on “**Operating and Programming of CMM**” in **UMS Technologies Training Center, Coimbatore**.

RESEARCH PROJECTS:

Project Title Evaluation of corrosive and mechanical properties of Aluminum aa6061 metal matrix composite.

DOCUMENTATION SKILLS:

- Production Part Approval Process
- Process Failure Mode Effect Analysis
- Statistical Process Control
- Measurement System Analysis

METROLOGY SKILLS:

- CMM: ZEISS CONTURA G2, HEXAGON GLOBAL DEA, MITUTOYO CRYSTA-APEX C, FARO ARM .
- ZEISS Make Contour, Roughness tester, Roundness tester
- TRIMOS, Profile Projector, VMS.

TECHNICAL SKILLS:

CMM Software : ZEISS-CALYPOSO, PC-DMIS, MITUTOYO-MCOSMOS, ANSYS, FARO EDGE-CAM2, SMART INSPECT, SOLIDWORKS, MINITAB.

INTERNSHIP TRAINING:

- Undergone internship training for a month at “**G-PLAST (P) Ltd**” in Coimbatore.

ACTIVITIES:

- Presented the paper titled “**Evaluation of corrosive and mechanical properties of aluminum aa6061 metal matrix composite**” in the national conference held at Bannari Amman Institute of Technology, Sathyamangalam.
- Presented the project titled “**Fuel valve controlling using solenoid valve and mileage indicator**” in the national conference held at Adhiyamaan College of Engineering, Hosur.

- Presented a technical paper titled “**Design and Fabrication of fuel valve controlling using solenoid valve**” in the national conference in SVS college of Engineering, Coimbatore.
- Attended the national level workshop on “**Recent Advances in Automobile Engineering**” conducted by SAE Collegiate Club at SVS College of Engineering.

PERSONAL DETAILS:

Name	Veera Sethupathy.E
Date of Birth	19-05-1993
Gender	Male
Nationality	Indian
Languages known	English, Tamil.

DECLARATION:

I hereby confirm that all the above information provided by me is genuine and accurate to the best of my knowledge.

Place: Coimbatore

Yours truthfully,

