**CURRICULUM VITAE**

**SREEVATHSA. M** Email:msreevathsa@gmail.com Mobile: +91 8105687504

# OBJECTIVE

To be a part of an esteemed organization that encourages me by its operative learning environment with ample opportunities to contribute and diversify my knowledge, skills and take the responsibilities which helps me to build my career as well as to give the best out of me to the organization.

# EDUCATION

* **Master of Technology (M.Tech) - Product Design and Manufacturing**

University : Visvesvaraya Technological University

College : Acharya Institute of Technology

Year of Passing : 2016

Percentage : 78.04% [First Class with Distinction]

# Bachelor of Engineering (B.E) - Mechanical Engineering

# University : Visvesvaraya Technological University

# College : R.L. Jalappa Institute of Technology

# Year of Passing : 2014

# Percentage : 64.66% [First Class]

# Pre-University Course (PUC) - PCMC

# Board : Department of Pre-University Education, Karnataka

# College : Nagarjuna PU College

# Year of Passing : 2010

# Percentage : 49.5% [Second Class]

# SSLC

# Board : Karnataka Secondary Education Examination Board

# School : Cambridge English High School

# Year of Passing : 2006

# Percentage : 71% [First Class]

# TECHNICAL SKILLS

# Six Sigma Yellow belt Holder, Lean manufacturing and Six Sigma green belt (Planned).

* Quality software **-** Mini Tab, Design of experiments (DOE),Variance test, Quality tools, Process capability Analysis, Rejection analysis using Pareto Chart.
* Design software - ANSYS, Solid Works, CATIA V5
* Implementing Lean manufacturing methodologies likes Improvement of OEE, Improvement of bottleneck machine using SMED Technique, 5’S Technique to improve quality standards.
* Implementing of standard work , Cycle time reduction, VSM , Layout Improvement & time study, motion study.
* Implementing competitive methodologies like KAIZEN, POKA­YOKE to improve quality standards.
* Computer skills **-** Basic in computer, MS world, MS Excel, MS power point.

# AREA OF INTEREST

* Product Design and Manufacturing
* Lean Manufacturing and Production
* Quality

# INDUSTRIAL EXPOSURE

* **Internship at Federal Mogul Goetze India Limited,** Bangalore. (7 Months)
* Line Inspection and Quality Testing of Pistons

# Familiarized with Machining processes of piston manufacturing.

# Defect analysis.

# Use of quality and lean tools and techniques.

# Quality Performance Review.

# ACADEMIC PROJECT DETAILS (B.E)

# Title: Design And Analysis of a Launcher for Carrying Missile in Modern Fighter Aircraft

**Duration:** Three Months **Team size:** Four **Company:** HAL

**Description**: Designing of Missile Launcher for LCA Aircraft which is necessary to be present under the pylon for an aircraft to airborne and to attain its aerodynamic stability.

* Launcher is a part of an aircraft which provides mechanical and electrical means of suspending and air launching of missile from aircraft.
* Literature review was undertaken to analyze the best way for transferring load from pylon and missile to launcher.
* Various materials such as Aluminium, Steel, were compared among each other for selection of materials for launcher and Aluminium was selected with FOS assumed 5.
* The project work has “improved” & “optimized” the design for future version of modern fighter aircraft.

# ACADEMIC PROJECT DETAILS (M.Tech)

# Title: Productivity Enhancement of Piston manufacturing in CNC Machining Line Through Lean Concepts

**Company:** FEDERAL MOGUL GOETZE INDIA LIMITED **Duration:** Four Months

**Description**: The study on existing processes was conducted and it is found that CNC -1 machining line experience high material flow, high inventory, cycle time is more and number of rejections is also high. As a result of all this, line is currently achieving less production compared to other manufacturing lines deteriorating to fulfill customer demands. So CNC-1 machining line is taken as main concern to improve productivity. With an aim of:

* Achieving Line balancing and layout resizing to minimize high inventory and material flow.
* Reduce setting change over time/cycle time of bottleneck machine of CNC-1 line.
* Identifying and minimizing the losses affecting the machining efficiency and production.
* Improve productivity by reducing scrap percentage.

# Using appropriate lean tools and techniques like value stream mapping (VSM) and quality tools like Pareto analysis, root cause analysis.

# PERSONAL DETAILS

**Name** : SREEVATHSA. M

**Father's Name** : MAHADEVAYYA, (Rtd. AEE) KPTCL

**Date of Birth** : 6th AUG 1990

**Languages known** : English, Hindi, Kannada

**Permanent Address** : No. 60, 7th A Main Attur Escorts Layout Yelahanka Bengaluru 560064

**Declaration:**

I hereby declare that the information furnished above is true to the best of my knowledge.

Date:

Place: Bengaluru **SREEVATHSA. M**