**CURRICULLUM VITAE**

**Shivananda M S**

**Contact No: (+91)7892872890/7259398626**

**shiva123mky**[**@gmail.com**](mailto:apsar1998@gmail.com)

**Career Objective:**

Seeking responsible career which provide me an opportunity to deliver my best and upgrade my skills in Engineering and meet the demands of the organization.

**Educational Qualifications:**

* **B E in Mechanical Engineering** from Govt. engineering college k r pet mandya under VTU BELAGAVI with an agrregate of **59% in july 2016**
* **Higher secondary education** from govt pu college paduvalahippe ,Holenarasipura (tq) Hassan(d) under department of **PRE- University Education with 68.68% in july 2012**
* **SSLC** from Govt. HIGH School, Paduvlahippe, Hassan, Karnataka with **76.96% in**

**June-2010**.

**TECHNICAL SKILLS :**

**SOFT SKILLS:** Creativity, Communication, Teamwork.

**TRAINING AND CERTIFICATION**

**IMTMA DESIGN INSTITUTE:** Pursuing Hands-on Training on “Design and Manufacturing of Special Purpose Machine” an 8-week training program at IMTMA Design Institute from 24 Nov to 18 Jan 2023.

* The focus areas are as follows:
* Drafting standards and hands-on practice on drafting of manufacturing drawing.
* Limits, Fits, Tolerances and GD&T.
* Design of machine elements.
* Engineering materials and heat treatment.
* Cutting tools and metal cutting theory.
* 3D modeling, Assembly modeling and 2D drawings on SOLIDWORKS Software.
* Selection of Ball screws, Bearings, LM guides, couplings, Belts drive, Servo motor, Induction motor.
* Calculation of power, torque, speed, stiffness and critical speed.
* Basics of castings.
* A Design Project was carried out from concept to design on “Design and Manufacturing of Special Purpose Machine. The design exercise was followed as below.
* Understand customer input and conceptualize the machine concept and specification.
* Preliminary design calculations for cutting forces and power requirement, Spindle design, Axes design and Structural design.
* Design of sub systems like Spindle assembly, Linear slide assembly both longitudinal and cross slide with servo actuator.
* 3D modeling of parts and assembly.
* Making the respective part drawings.
* Calculations on bearing life, spindle stiffness, V-belt & pulley, selection of antifriction bearings.
* Calculation on ball screw & LM guide ways, casting design is being discussed in-depth on practice.

**Computer and Software:**

* Auto CAD
* Solid Works
* Microsoft Office
* Basic C Programming

**AcademicProject:**

**"**Effect of residual stress on welding parameter "(x ray diffraction method) done in **CMTI** Bangalore

**Personal details:**

Name : shivananda m s

Father: Shekhara m c

Mother : Rudramma

Address: makavalli (v) H N Pura(tq) Hassan (d ) karnataka

Contact : 8277632177 / 7259398626

Dob : 08/02/1995

Email : shiva123mky[@gmail.com](mailto:apsar1998@gmail.com)

languages known : kannada ,English,Hindi

**Declaration:**

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

**SHIVANANDA M S**