

**Name: SOUMITRA MANOJ VARTIKAR**

**Email id: soumitravartikar@gmail.com**

**Mobile no: 9930649445**

---

**Career Objective:-**

Looking for opportunity to work in the field of engineering where I can learn technical & organizational skills effectively to contribute towards society in any way possible and also learn new technologies and core concepts that help my career to grow.

**Educational Qualification:-**

Qualification	School / College	Board/ University	Year	Stream
B.E.	Sinhgad college of engineering, Pune-411041	Pune University	2017	Mechanical Engineering
H.S.C	SIES college of Arts, Science and Commerce, Sion, Mumbai- 400022	Maharashtra State Board	2013	-
S.S.C	Adarsh English High School, Worli, Mumbai- 400030	Maharashtra State Board	2011	-

**B.E. Project:**

Project Title:- **“Design and development of Supercharging unit for two wheeler vehicles.”**

In this project we have designed and manufactured a Supercharging unit especially for a two wheeler vehicle. A prototype of the supercharger has been implemented in two wheeler, In which volumetric efficiency of the engine is increased. Thus the objective of developed method is to increase the efficiency of the engine and at the same time to control the emissions from the engine (reduction in HC and CO). This is based on results obtained by testing the emissions of gases like HC and CO on two wheeler with different scenarios.

### **Academic Seminar:**

- Study of Thermoacoustic Refrigeration and various parameters affecting it's performance.

### **Industrial visits:**

- PARI India Ltd.
- Carl Zeiss, India
- PMT Machine tool, Pune
- SECO, Pune
- Sandvik Asia, Pune

### **Training:**

The certification one month course **"FINISHING SCHOOL IN PRODUCTION ENGINEERING"** at Indian Machine Tool Manufacture's Association at Pune.

**Duration: 11<sup>th</sup> June To 9<sup>th</sup> July, 2018.**

Key Take Always:

- Programming and Operation of CNC turning centre.
- Programming and operation of CNC machining centre.
- Process Planning for CNC machined Parts.
- Selection of tooling and cutting parameters for CNC machining operation.
- CNC Programming by using CADEM.
- Geometric Dimensioning and Tolerancing (GD&T).

### **Extra-Curricular Activities:**

- Coordinator of an event “Autodrift” in Sinhgad Karandak Techtonic 2016.
- Volunteered an event “Sociobotics” in Sinhgad Karandak Techtonic 2015. Successfully completed the training conducted by GTT and NASSCOM.
- Participated in NGO “I Make A Difference” in 2013-14.
- Participated in Disha ISSER NGO at “Spread The Smile” in 2015-16.
- Attended 5 days DST-INSPIRE SCIENCE CAMP held by Govt of India.

### **Technical skills:**

- Design Software: Catia, ProE wildfire, AutoCAD.
- CAM software: Mastercam.
- ANSYS Workbench 14.5.
- MS Excel (Intermediate level). MS Word (Intermediate level).

### **Strengths:**

- Quick Learner.
- Always willing to learn & Positive approach towards life.
- Ability to work in team.

### **Hobbies & Interest:**

- Reading books.
- Coding.
- Watching movies and playing simulation games.

### **Personal Details:**

- Name: Mr Soumitra Manoj Vartikar
- Permanent Address: p-303, Akruiti Hubtown, Tilekar Nagar, Katraj-Kondhwa road, Pune-411048.
- Date of Birth: 31th July, 1995
- Languages Known: English, Hindi, Marathi.

