

# CHITALE SANDIP

Sus, Pune MH India 411021.

**Phone:** +919112494343

**Email:** chitalesandip7@gmail.com



## PROFILE

---

Mechanical Design Engineer interested in pursuing an engaging position in the corporate setting to implement skills and expertise honed through years of engineering background. An accomplished professional with powerful problem-solving, analytical and communication skills and the proven capability to multitask within fiercely competitive and fast-paced environments, ensuring timely completion of projects without compromising quality.

## SKILLS

---

- **PTC CREO:** (CAD SOFTWARE)  
Modeling Work- Casting, Forging ,Plastic ,Sheet metal.  
Working on various parts and projects sheets using creo 3.0 various tools sweep sweep blend ,Pattern.  
Reverse Engineering concept, Top down ,Bottom Up Approach working.  
Drafting and project the views on sheet. Dimensioning the views .
- Good knowledge of **GD&T** .  
Isometric and Orthographic Drawing knowledge.  
Good knowledge of apply GD&T on design .  
Knowledge of VC- RC Conditions , Datums ,GD&T symbols.  
Knowledge of MMC & LMC Conditions.
- **AutoCAD:**  
3D and 2D modeling, Drafting .
- Basic knowledge of **Strength of material.**
- Quality improvement technique.
- Good Knowledge of drawing reading and **design considerations.**
- Knowledge of **Manufacturing Process and** working method.

## Professional Training

---

**Institute Name:** Helix integrated learning LLP, Pune

**Duration** : August 2017 to Oct 2017.

**Details** : I am pursuing CAD Training on Creo 3.0 Parametric in the Institute since August 2017 with all basics needed for high Professional Design Engineer.

## EDUCATION

---

### **Bachelor Of Engineering (Mechanical)**

ISB&M School Of Technology Pune.

Pune University

Pune, Maharashtra.

Graduated, 2017

Marks 68.4%

First Class with Distinction.

### **Diploma In Mechanical Engineering**

Ajitdada Pawar College of Polytechnic

AICTE MSBTE Mumbai.

Ahmednagar, Maharashtra.

Completed 2014

Marks 64.57%

First Class.

### **SSC**

SSVMP Savedi, Ahmednagar.

SSC Board Pune.

Ahmednagar, Maharashtra.

Completed 2011

Marks 81.27%

First Class with Distinction.

## Industrial Project

---

**Title :** Design, Modelling and Drafting of Sheet Metal components battery Bracket,  
L- shape bracket.

**Tool :** Creo parametric 3.0

**Description :** Sheet Metal part design, Selection of material and manufacturing process,  
Drafting.

**Title :** Design, Modelling and Drafting of casting components Pulley,  
Flow tee forging.

**Tool :** Creo parametric 3.0

**Description:** Casting part design, Selection of material and manufacturing process, Drafting.

## PROJECT DETAILS (B.E)

---

### **Project Name: Bi-directional Mixing Machine. 2013-14**

In this project mixing the material using bi directional motor which is placed between two ball bearing. This motor are working by the electric source. All system are controlled by the electronic circuit , timer. The motor are rotate at two direction clockwise and anticlockwise this is controlled by the timer switch. This motor connected the rod and the end of rod are mixing tool such as stirrer. In this project advanced use the temperature sensor and heaters which sense the temperature and as per required increase temperature.

**Project Name: Weed Harvesting Robot.2016-17**

The main focus of this project was the design and optimization of the weed harvester. During which, the impact of aquatic weeds on the environment was extensively studied. The major problems faced by the people were the obstruction of the water ways which halted work and transportation. The effect these weeds have on the environment is hazardous. When the robot has to move on water, we have to control the propeller movements, for moving robot on water. When we have to remove the weed from water, the operator should move the robot forward and at the same time the front conveyor should move downward up to angle of 30°. When it is required to collect the weed, the conveyor belt should run anticlockwise. And this weed is stored in the storage tank (plastic box)

**COMPUTER PROFICIENCY**

---

- Word 2013
- Excel 2010
- Power Point 2010

**LANGUAGES**

---

- Hindi
- English
- Marathi

**PERSONAL DETAILS**

---

Full Name : Mr.Chitale Sandip Maruti  
Father's Name : Mr. Chitale Maruti Bansi  
Marital Status : Single.  
Birthday : March 21, 1995  
Nationality : Indian  
Gender : Male

**Declaration**

I, Chitale Sandip, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

CHITALE SANDIP

