

Ujwal Pawar

Branch : Mechanical Engineering
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★ CAREER OBJECTIVE :

To acquire the skills and knowledge of new technologies to become an entrepreneur for the combined application of cutting edge technologies & basic sciences for the development of modern Indian society. Looking forward to gain multi-disciplinary knowledge and to develop me as a multi-dimensional personality.

★ EDUCATION :

| Degree | College/School | University | Passing Year | Passing Percentage |
|----------------------|--|------------|--------------|--------------------|
| 3 rd Year | Vishwakarma Institute of Technology,Pune | SPPU-MH | 2018 | 84.17 |
| 2 nd Year | Vishwakarma Institute of Technology,Pune | SPPU-MH | 2017 | 82.72 |
| 1 st Year | Vishwakarma Institute of Technology,Pune | SPPU-MH | 2016 | 85.63 |
| 12 th | S. P. College, Pune | HSC Board | 2015 | 85.38 |
| 10 th | R.N.Raut High-School,Shriwardhan,Raigad | SSC Board | 2013 | 95.45 |

★ PROJECTS :

1. Auto-Simulator: Project in collaboration with Dassault System. Real time simulation of car platform by interfacing of real model, Arduino and 3D-Experience Platform.
2. Automatic Vending Machine : Concept of Synchro-Mesh Gearbox And Arduino Uno microcontroller are used.
3. Rocker Bogie Mechanism: Fabricated a simple model for this most famous mechanism which is supposed to be used in NASAs Mars Rover.
4. Spiral Tracing Machine: Fabrication of remote controlled machine using two simple mechanisms with future application as JALEBI making machine and variable diameter Circular disk cutter.
5. Bottle Filling Plant and Lift Control: Studied and Programmed for bottle filling plant and Lift control panel in Programmable Logic Controller(PLC)

★ **TRAINING & INTERNSHIP :**

- Certification of 3 week Intensive Internship Programme on 3D-EXPERIENCE Essentials
- Tata-Tech Ready Engineer Program : Ongoing course in Design and modelling.

★ **TECHNICAL SKILLS :**

1. Fluent in CAD software CATIA V5, 3D-Experience Platform ,SolidWorks and Fusion 360
2. Good at V-REP (virtual robotic experimentation platform)
3. Basic knowledge of analysis software ANSYS 14.
4. C,C++,PLC, Arduino, MATLAB & SIMULINK.
5. MS Office

★ **SOFT SKILLS :**

- Quick to acquire knowledge of new concepts
- Good communication skills
- Commitment to work and people
- Ability to perform in a team as well as individual environment
- Good skills in Management of Team

★ **EXTRA-CURRICULAR ACTIVITIES :**

1. Co-ordinator of the Photography team for Mlange 2k16 and 2k17. Also member of TEAM V-Click-Photography Team of VIT Pune
2. Co-Head of the event Circuit Eye at college fest Mlange 2k17.
3. Member of VIT AIR TEAM-Alumni International Relations Team of VIT Pune.
4. Successfully completed the basic course on Finance & Training by FinTree.