

# Ujwal Pawar

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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 <sup>rd</sup> Year	Vishwakarma Institute of Technology,Pune	SPPU-MH	2018	84.17
2 <sup>nd</sup> Year	Vishwakarma Institute of Technology,Pune	SPPU-MH	2017	82.72
1 <sup>st</sup> Year	Vishwakarma Institute of Technology,Pune	SPPU-MH	2016	85.63
12 <sup>th</sup>	S. P. College, Pune	HSC Board	2015	85.38
10 <sup>th</sup>	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.

★ **CO-CURRICULAR ACTIVITIES :**

- Member of TEAM TAURUS 4.0- the Go-Kart Team in VIT Pune
- Member of Trident- the Robosub Team in VIT Pune
- E-Yantra : Design, Simulation, fabrication of wireless modular snake for the E-Yantra competition 2017-18.

★ **ACHIEVEMENTS & AWARDS :**

1. Stood 3rd in National Finals of e-Yantra Robotics Competition organised by IIT Bombay and MHRD,govt. of India
2. With the TEAM TAURUS won Best Design and Best Build Quality Award in NKRC Season 3 and overall first in ISK
3. Certification as 3D-EXPERIENCE Associate - CATIA Mechanical Design Essentials by Dassault Systems
4. Participated in an International Conference on Ancient Science & Technology : Retrospection and Aspiration (ASTRA)

★ **INTERESTS & HOBBIES :**

- Photography
- Robotics
- Connecting with people