Ujwal Pawar

Branch : Mechanical Engineering
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⋆ CAREER OBJECTIVE :

To acquire the skills and knoweldge 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 develope me as a multi-dimensional personality.

⋆ EDUCATION :

Degree	College/School	University	Passing Year	Passing Percentage
3rd Year	Vishwakarma Institute of Technology,Pune	SPPU-MH	2018	84.17
2nd Year	Vishwakarma Institute of Technology,Pune	SPPU-MH	2017	82.72
1st Year	Vishwakarma Institute of Technology,Pune	SPPU-MH	2016	85.63
12th	S. P. College, Pune	HSC Board	2015	85.38
10th	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