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Prajwal Pradip Patil

Objectives

Motivated and detailed-oriented Mechanical Engineering graduate seeking a challenging position in a reputed organization where I can learn new skills, expand my knowledge, and leverage my learnings. To get an opportunity where I can make my best of my potential and contribute to the organization's growth as well as personal goals.

Education qualification

Education	College/ Institution	University	Year of passing	Percentage %
SSC	Dnyanaraj vidyalay Pune	SSC	2018	84.80
Diploma in Mechanical	AISSMS Polytechnic Pune	MSBTE	2021	89.28
B.E. Mechanical	MES wadia college of engg. Pune	Savitribai Phule Pune University	2024	85.30

Individual skill

- Knowledgeable in CAD software .
- Strong understanding of engineering principles and concepts.
- Problem-solving and analytical skills.
- Familiarity with manufacturing processes and techniques.
- Ability to work effectively in a team environment.
- Strong communication and presentation skills.

Internship and Projects

- AGUA Technology Pvt. Ltd. Pune, Maharashtra (1st Mar. to 1st April 2023)
Work as Trainee Engineer. I did the work on design, manufacturing, quality, and supply of hydraulic equipment and machinery mainly on shop floor crane and Scissor lift. Conducted failure analysis and find design solution for problem.
- Contactless switch for electrical appliance by using Arduino and sensor .
It was the model based project the controlling the electrical appliances in home without any physical contact. In this project IR sensor was used with connected to Arduino for switch the appliances ON and OFF without touch.
- Design of Transvers Vibration and Instrumentation of Resonance setup.
The project was design an educational model (shaking table) to enhanced the understanding of the effect of vibration on structures and demonstrate the resonance phenomena of the polycarbonate strips and pre- and post resonance phenomena and comparison between theoretical and experimental result. The motion of the shaking table will be generated by motor moves a mechanism (slider crank) and the system controlled by an Arduino Uno, Tri-axial accelerometer frequency measurement and DAQ system.

Certified courses

- Internship course in CNC programming (24th Aug. to 7th Sept 2020.)
Gained knowledge about the CNC programming containing various operations in engineering drawing. The internship organized by the “AISSMS CNC skill development center, Pune.”
- Zero Based Costing (27th Jan. to 2nd Feb. 2022)
I noted that the key component of ZBC and knowledge on costing of various process. The workshop was organized by "MES Wadia college of engineering" in association with "Mechatol Product Engineering Solutions Pvt. Ltd."
- Machining workshop (8th Feb. to 15th Feb.2022)
In workshop worked on various machine required for manufacturing, understand the process and capture the safety precautions to be followed. The workshop was organized by "Tronix 4.0" in "MES Wadia college of engineering".
- Data Science Honours (Pune University) (July 2022 to May 2024).
- MSCIT

Hobbies and Interest

- Spending time with friends and family
- Team and individual sports

Personal Detail

Date of Birth: 01/02/2003

Marital Status: single

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