

# Vijaysinh Kamble

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## Technology/Interpersonal Skills

- SAP PP
- PTC Creo
- CATIA V5
- Finite Element Analysis
- ANSYS
- Team Work
- Problem Solving
- HTML & CSS
- Python
- Django
- Git & Github
- Scribus
- GIMP
- Adobe Photoshop
- Inkscape
- Microsoft Word, Excel

## Professional Experience

### Kirloskar Ebara Pumps Limited

Kirloskarwadi, MH

Graduate Apprentice Trainee

March 2018 to March 2019

- Responsible for finalizing spare packing list by reviewing purchase order & studying an approved list of pump spares, C/S drawing & BOM.
- Coordinated the material issuance, spares shortage & spares discrepancies with planning, pump engineering department.
- Coordinated third-party inspection along with QA & responsible for final packaging of pump spares.

## Education

### Sinhgad Institute of Technology

Lonavala, MH

Bachelor of Engineering, Mechanical

May 2016

### Walchand College of Engineering

Sangli, MH

Diploma in Mechanical Engineering

May 2015

## Projects

### Design of Engine Components for Hydrogen as a Fuel

March 2014 to March 2016

- Designed and modeled IC engine parts for hydrogen fuel using CATIA.
- Performed static structural and steady-state thermal analysis using ANSYS.
- Assembled & simulated hydrogen internal combustion engine (H<sub>2</sub>ICE).

## Publication

### Comparative Study of Performance and Operating Condition of H<sub>2</sub>ICE and SI Engine, IJSART

March 2016

- Studied combustive properties of hydrogen, gasoline & diesel.
- Reviewed performance & emission characteristics of hydrogen and gasoline.
- Identified design modifications in the hydrogen internal combustion engine.

## Volunteer/Leadership Experience

### Magneto ROBO Making Workshop

Lonavala, MH

Coordinator

January 2015

- Contributed to the design & development of PCB for magneto robo using CAD Eagle.
- Provided technical assistance to the participants.

### National Conference on Innovations in Mechanical Engineering

Lonavala, MH

Member of the Organizing Committee

January 2015

- Provided general assistance to participants.
- Coordinated with Management staff to serve dignitaries during lunch.