

# Achyut Dwivedi

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## Experience

### Apprentice

At Ultratech Cement Kovaya, Gujarat

02/05/2022 - Present

- Learned maintenance and inspection of various Gearboxes including the Non - destructive tests of bearings and shafts, maintenance and replacement of Raw Mill rollers and 14 meter Kiln shell replacement.
- Learned maintenance of EOT cranes, Grabber and their hydraulic cylinders, Screw compressors, Reciprocating compressors and Pumps, maintenance of Belt Conveyors.
- Making daily work permits for plant maintenance activities, managing the list of tools using MS Excel.

### Intern

At GSPC Pipavav Power Company Limited (GPPC) Kovaya, Gujarat

09/11/2020 - 09/12/2020

- Learned maintenance of Boiler Feed Pump, Oil filter and Cooling Tower Fan replacement and alignment of their shaft.

## Projects

### Mechanum Wheelchair

- I built a wheelchair with my team that uses Mechanum wheels to allow movements in various directions such as diagonal, sideways and rotational movement and also it was 40% cheaper than the commercial wheelchairs in the market.
- I used Solidworks to create the 3D model of the wheelchair and to do stress analysis I used ANSYS Workbench to further increase the strength of the wheelchair.
- Aim of this project was to build a wheelchair that can allow the person to move in different directions with the help of a mobile device and without the help of another person, also that is cheaper than the commercial wheelchairs.

## Skills

- HTML, CSS, Javascript, MySQL, Adobe Illustrator, English, Hindi

## Education

### B.Tech

Technocrates Institute Of Technology (Excellence) Bhopal

Aug 2017 - June 2021

- Major in Mechanical Engineering