

## HEMANT SOHANLAL FULWARIYA

9/59 Thakkar Bappa Colony,, C S T Road,  
Chembur Mumbai 400071

hemantfulwariya1997@gmail.com  
9969761414

### CAREER OBJECTIVE

To obtain a position that will enable me to use my strong organizational skills, award-winning educational background, and ability to work well with people.

### EDUCATION

- **Maharishi Arvind Institute of Engineering And Technology** 2019  
Mechanical Engineering  
65.30%
- **National Sarvodaya junior college** 2015  
HSC  
54.31%
- **Swami Vivekanand High School** 2013  
SSC  
70.91%

### EXPERIENCE

- **Royal Enfield** 1/11/2017 - 30/12/2017  
Practical Training
- **North Western Railway Jaipur** 01/06/2018 - 30/07/2018  
Practical Training
- **Modi Hyundai Workshop Chunabhatti** 01/01/2020 - 29/02/2020  
Training

### ACHIEVEMENTS & AWARDS

- MS-Office
- Auto CAD
- Coordinator In National Conference IINMMI-2018
- Participated In 'Entrepreneurship Awareness Camp 2018
- Presented Research Paper Titled 'AUTOMATIC SPEED CONTROL AT SPEED LIMIT ZONE 2018
- Presented Research Paper Titled 'APPLICATION OF ELECTROMAGNETISM IN BRAKING SYSTEM 2017
- Presented Research Paper Titled 'EFFICIENT WAYS OF COLLECTION OF WIND ENERGY THROUGH TURBINE' 2017
- Participated in Engine 'Automation workshop(IIT Bhubaneswar)' 2016

## **PROJECTS**

- **BOREWELL RESCUE ROBOT**

*4 month*

The borewell rescuer robot is used to rescue the children who have fallen inside the Borewell with the help of robotic arms and safety airbag with minimal time. CCTV camera plays a very important role of continuous monitoring of the child's position. My DAQ which is the controlling device located at the ground level controls all the actions of the robot. The Borewell Rescue Robot can replace the currently available techniques. The objectives of this project include

1. Manually monitoring the child with the help of camera and controlling unit of robot.
2. Communicating with the robot by sending appropriate commands to it and activate the suitable motors.
3. Length of the rope can be determined roughly with the help of IR sensors. Once the robot has reached proximity of child, it is stopped immediately and is given the commands by the controlling device to perform the closing of the robotic arms.

## **PERSONAL PROFILE**

- Date of Birth : 31/08/1997
- Marital Status : Single
- Nationality : Indian
- Known Languages : English,Hindi, Marathi

**HEMANT SOHANLAL FULWARIYA**