

# Swaraj Kaondal

Sardar Patel Institute of Technology

Self motivated and eager to learn new things.



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## EDUCATION

### B.Tech in Electronics and Telecommunication.

Sardar Patel Institute of Technology

07/2017 – Present

CGPA: 9.23

### Higher Secondary education(HSC)

Hansraj Morarji College

06/2015 – 05/2017

Percentage: 86.15%

### Secondary education(SSC)

Gyan Kendra High school

06/2005 – 04/2015

Percentage: 93.2%

## PERSONAL PROJECTS

### Pulse rate sensor

- Displays the pulse rate and ECG .

### Balancing bot

- A bot which is able to balance on two wheels.

## INTERNSHIP

### Software Developer

Larsen & Toubro

05/2019 – 07/2019

Mumbai, India

#### Achievements/Tasks

- Development of a GUI using Qt to interface with a muzzle velocity radar(MVR) using RS-232 protocol.
- Development of a GUI using Qt to simulate a gun control unit using RS-232 protocol for testing purposes.

## SKILLS

Python(OpenCv,OpenGL)

Embedded C

C++

Java

Blender

Qt

R

## ACHIEVEMENTS

E - Yantra robotics competition (IIT Bombay)  
(07/2018 – 04/2019)

Finalists, national rank 7. Made use of Opencv, python, xbee communication and embedded systems (atmega2560).

## SOCIAL ACTIVITIES

Beach cleanup activity (Afroz Shah's campaign) (2018)

Beach cleanup campaign at Versova beach and Mithi Nadi

Abhyudaya (spjmr) (2019)

Teaching volunteer for unprivileged children upto standard 10th.

Chain reaction - Ruminare 2017

Organised a game in Sardar Patel Institute of Technology's cultural fest, Ruminare 2017.

## CERTIFICATES

Embedded systems level - 0

Hands on training on MSP432 microcontroller.

Embedded systems level - 1

Preemptive schedulers, Co-operative schedulers, jitter handling and CAN protocol.

IOT

IOT using MQTT protocol on MSP432 and IBM cloud server

## LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

Marathi

Professional Working Proficiency

## INTERESTS

Robotics

Image processing

Embedded C

Competitive coding