

# Piyush Goenka



## Career Objective

To achieve high career growth through a continuous learning process, keep myself dynamic, visionary and competitive with the changing scenario of the world and to contribute for the growth of organization

## Education

| Degree    | School/College   | University                              | Passing Year | Percentage/CGPA |
|-----------|------------------|---|--------------|-----------------|
| B.E (ECE) | Autonomous (VTU) | Nitte Meenakshi Institute of Technology | 2020         | 7.86            |
| XII       | PU Board         | KLE Society's S Nijalingappa PU College | 2016         | 90%             |
| X         | ICSE Board       | BP Indian Public School                 | 2014         | 88%             |

## Projects

1. Line Follower Bot using Arduino
2. Line Follower Bot using 8051
3. Automatic Coin Sorting Bot using LEGO MindStorms and TETRIS
4. Self Driving Car using Arduino
5. Vehicle Parking Safety System using GPS + TI TIVA TM4C123GH6PM
6. FM Transmitter
7. Low Visibility Mode Driver Assist System using TI TIVA TM4C123GH6PM
8. Simulating Rectangular Waveguide in MATLAB
9. Simulating a Dipole Antenna in HFSS
10. Simulating QPSK Modulation and Demodulation in MATLAB
11. Automated Counter for Countdown of Days
12. Sound Localization using Arduino
13. Remote accessing a Computer using TCP/IP Socket Programming in Python
14. Bot that listens to an Audio File and plays Piano and Trumpet (Mocking Bot)

## Training and Internship

- 8-week course "Introduction to Embedded Systems" held at Robert Bosch Centre for Cyber-Physical Systems IISc Bangalore (June-July 2017)
- Robotics Engineering course using LEGO MindStorms and TETRIX held at NMIT
- 2 Day Workshop on Quadcopter held at IISc
- 2 Day Workshop on Linux OS and IP Networking at NMIT
- One Week Workshop on Cyber-Security held at NMIT
- One week Workshop on IoT held at NMIT
- Workshop on 'Building For Amazon Alexa' held at Developer Weekend Bangalore

## Research Publication

No Publications Yet