.

**0bjectives:**

To effectively utilize my skills in the field of engineering for the development of myself and for the company in which I am working with at most dedication.

**Qualification:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr.No | Degree | School/college Name | Board/university | Marks obtained | Year of passing |
| 1 | BE | Bharati Yidyapeeth college of engineering for women’s, Pune. | Pune  University | 62% | 2018 |
| 4 | Diploma (E&TC) | Government Polytechnic Ratnagiri | Mumbai University | 69.94% | 2015 |
| 5 | S.S.C | Kanya Vidyalaya, Pen, Raigad. | S.S.C | 86.18% | 2012 |

**Projects:**

**BE Project:** “Design, Simulation and Fabrication of Microstrip Log Periodic Array Antenna”

**Duration:** 6 months.

**Software/Tools:** High Frequency Structure Simulator (HFSS), Vector Network Analyzer (VNA)

**Description:**

Designed array of eight element Microstrip log periodic antenna, which is combination of log periodic antenna and Microstrip antenna. In log periodic antenna, use of more number of element increases the size of the antenna which can be overcome by useing Microstrip antenna.

With the help of above combinations, We were able to successfully achieved advantages like small size, frequency independent, high directivity, high bandwidth.

It can be used in spectral occupancy measurement. It gives provide meaningful data about spectrum use over wide range of frequencies, also describe the utilization rate of a specific frequency band.

**Mini project:** “Design and fabrication of mobile tower antenna”

**Duration:** 3 month.

**Software/ Tools:** Numeric Electromagnetic Code (NEC), Vector Network Analyzer (VNA)

**Description:**

Designed the mobile tower antenna which worked at 1.8GHz frequency. To increase directivity, gain and bandwidth of the antenna we have used array of dipole elements instead of single dipole element.

With the help of above requirement, we were able to match stimulated and expected result successfully.

**Diploma** **final** **year** **project**: “Surveillance of robotics”

**Duration**: 6 months.

**Description**:

Designed a robot which can be controlled with the help of cell phone and moment of robot can be controlled with single button click on cell phone.

Along with this, Robot was designed in such a way that, it can capture images as well as videos whenever requires.

**Technical skills:**

* Operating Systems: Windows XP, Windows 7/10
* Processors known: 8051, 89C51.
* Software Use: MATLAB.

**Co-curricular activities:**

* Participated in “Digital Designing “ in BVPCOE for women’s , Pune.
* Participated in “Robo Race” in Brainwave 2K15 at finolex academy, Ratnagiri.
* Attend “Designing and Fabrication of Antenna” held in BVPCOE for women’s, Pune.
* Attend “PCB Designing and microcontroller ”

**Hobbies:**

* Listening music
* Drawing

**Personal details:**

* Father’s Name : Hiraji Dharma Patil.
* Permanent Address : At.-Shubham nivas, Godavari nagar, chinchapada,Tal- Pen

Dist- Raigad

* Date of birth :30th September 1996
* Nationality :Indian
* Language known : English, Hindi, Marathi.

**Declaration:**

I hereby declare that the information given is true. I shall be responsible for any false details given by me.

Date: VANASHRI HIRAJI PATIL. Place: Pune