

# Prithvi Jit Singh

Quick Learner, Smart Working, Innovator

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## EDUCATION

- Graduation**    **B-Tech ( Electronics and Communication )**  
Amity University, Gurgaon.  
Graduated in May 2019 with CGPA 7.06  
Achievement: Sports
- Class XII**        **CBSE**  
Bhiwani Public School, Bhiwani with 70-74.9% in 2015
- Class X**          **CBSE**  
Bhiwani Public School, Bhiwani with CGPA 7.8 in 2013

## PROJECT

**SIW based antenna for wireless communication** — *In this project, a substrate integrated wave-guide based antenna with copper patches in the micro strip is designed for 10 GHz frequency, which is analyzed and implemented using micro strip technology in a completely planar structure. The performance of this SIW antenna is analyzed and features geometrical antenna parameters in the X-band at a frequency from 8 GHz to 11 GHz. Substrate integrated wave-guide antenna efficiency and directive are improved and its side lobe level is enhanced which makes it very promising. It has a perfect return loss dip and rise at 10 GHz.*

## INTERNSHIP

### Lg Electronics Pvt. Ltd.

**On project - Standard Testing and Product Certification of Microwave Oven**

Worked as an intern in the R&D department.

from June, 2018 to July, 2018

### Innovative System Pvt. Ltd

**On project - Weighing Scales Testing and Manufacturing**

Worked as an intern in the testing and manufacturing department.

from June, 2017 to July, 2017

## EXPERIENCE

- Company Name**            Wipro
- Duration**                    26 August 2019 – 25 February 2020
- Job Profile**                 Associate in Digital Operations

## SKILLS

**Python with DS & Algo (Proficient)**  
*Python is an interpreted, high-level, general purpose programming language.*

**Ansys HFSS (Proficient) - HFSS**  
*contains multiple simulation engines in one package, each targeted toward a specific application or simulation output.*

**VHDL (Proficient) - VHDL** is generally used to write text models that describe a logic circuit

**ORCAD (Proficient) - ORCAD** is a proprietary software tool suite used primarily for electronic design automation

**MS Office( Proficient )**  
**SQL (Proficient),**  
**JAVA (Beginner),**  
**C++ (Beginner) & C (Beginner)**

## AWARDS

1. Certificate for Data Science and Machine Learning  
Coding Ninjas, 2020
2. Certificate in Python Data Structure and Algorithms  
Coding Ninjas, 2020
3. Certificate of Publication of Research Paper on SIW based antenna for Wireless Communication  
International Journal of Engineering Science and Computing Volume 9 Issue No. 5, May 2019.
4. Workshop on PCB Designing  
ASET, Amity University Haryana.
5. Entrepreneurship Awareness Camp  
DST-NIMAT Project, 2017-2018  
ASET, Amity University Haryana.

## LANGUAGES

English (Read/Write),  
Hindi(Read/Write), Geman(Read)

**PERSONAL DETAILS**

Current Location	Noida
HomeTown	Bhiwani
Date of birth	September 15, 1997
Gender	Male

**WORK PREFERENCES**

Looking for a	Full Time Job
Can start working	Immediately