

## LINKS

Linkedin://[Vikas-pratap-singh](#)

Hackerrank://[vikas\\_iiitp](#)

Geeksforgeeks://[vikas\\_iiitp](#)

GitHub ://[Vikas-Pratap-Singh](#)

## COURSEWORK

### UNDERGRADUATE

Design and analysis of algorithms

Data Structures

Database Management Systems

Operating Systems

Object Oriented Programming

Computer Architecture

IoT and Sensor Data Visualization

Human Computer Interface

## SKILLS

### PROGRAMMING

Experienced

- C/C++
- Python

Intermediate

- Perl
- MySql
- System Verilog

Familiar

- Assembly Language
- MATLAB

### Web Technology

- HTML5
- CSS3
- Bootstrap
- Javascript

## EDUCATION

### Indian Institute of Information Technology, Pune

B. Tech. in Electronics and Communication Engineering

Expected May 2021 | CGPA :8.92/10

### Sainik School Tilaiya, Jharkhand

All India Senior School Certificate Examination

March 2016 | Percentage: 88.00

### Sainik School Tilaiya, Jharkhand

All India Secondary School Examination

March 2014 | CGPA: 9.2/10

## TRAINING AND PROJECTS

### Intern, Cadence system Design

(May 2020- November 2020)

Intern Design Engineering at Cadence system design, Pune

### Intern, IIT Kanpur

May 2019- June 2019

Intern at ISL lab, iSmiriti, IIT Kanpur

Guide: Prof. Laxmidhar Behera, IIT Kanpur.

Worked on Multiple AIoT projects, specifically on An Animal Detection System using Raspberry Pi and OpenCv.

### IIT Hyderabad / Short-Term Course on embedded system and IoT

December 2017

Studied the entire application of embedded system and IoT in the automation of everyday work.

### Underwater Image Enhancement

August 2019-December 2019

Worked on to develop an effective technique that enhance the images captured underwater and degraded due to the medium scattering and absorption using MATLAB.

## EXTRA CURRICULAR ACTIVITIES

Member of Organizing team EKLAVYA (Intra sports fest IIITP)

Member of Students cell IIIT Pune

Member of Sports committee at IIIT Pune

Captain of College Basketball Team