

Vaibhav Bhasin



Personal information

New Delhi, India
Vbhasin5555@gmail.com

Skills

Languages

Hindi

English

Tools and Technologies

Windows

Python

C / C++

Proteus

SQLite

MATLAB

Arduino microcontroller

Hobbies



Amateur
Astronomy



Art
and Craft



Reading Books



Playing Football

Projects

- **Web parsing , Newspaper API, Football API** minor python projects.
- **Google Places API** with python and SQLite database.
- **Dual Axis Solar Tracker** using Arduino, servo motors, solar panels with MS-Excel interface.
- **RF Hovercraft**
- **Arduino Projects** using LDR, Solar panels, LED blinker, Motor drivers.

WORK EXPERIENCE

Industrial Training

JUNE 2019 - JULY 2019

Airports Authority of India, IGI Airport New Delhi

- Undergone Industrial training in S-Band Radar, IP based Telephone Exchange, Automation of Air Traffic Services, IP based Very High Frequency unit, IP based Automatic Message Switching System units.
- Collaborated along with multiple department heads to build a single report which can provide all possible information about various units.

ORGANIZATIONAL EXPERIENCE

Chief Organizer

JAN 2020

Avensis : Technical Festival of College

- Responsible for designing formats for technical events.
- Coordinated with teammates and college staff and implementing various Robotics events.

Student Member

JAN 2017 - DEC 2019

Rotaract Club of New Delhi (RCND)

Research participant

MAR 2019

DRDO, Institute of Nuclear Medicine and Allied Sciences New Delhi

- Experiment involved evaluation of efficacy of different visual interfaces and Virtual Realities.

Global Member

JAN 2019 - DEC 2019

IEEE Delhi section (Institute of Electrical and Electronics Engineers)

Member of Microwave Theory and Techniques society (MTTS), Power and Energy Society (PES)

EDUCATION

Bachelors of Technology in Electronics and Communications

Maharaja Surajmal Institute of Technology (GGSIPU affiliated), Janakpuri, New Delhi

College Rank: 9 **CGPA:** 9.295 (87.521%) (semester 6)

High School (10+2)

Adarsh Public School, Vikaspuri, New Delhi

10th CGPA : 10 (95%) **12th score:** 86.2%

ACHIEVEMENTS

Research Poster 2018

International Conference of New Frontiers in Engineering, Science and Technology, Delhi Technical University (DTU)
Presented a **Research poster** on topic "Wireless Electricity"

1st Position 2015 - 2016

National Robotics Championship

First Tech Challenge FTC, India By India STEM Foundation

1st position in the **National Robotics Championship** as winning alliance 2nd team, namely, 'Adarsh Robocops'.

2nd Position 2017 - 2018

Secured 2nd position in University examination of academic year 2017-2018 at Maharaja Surajmal Institute of Technology, Janakpuri, New Delhi.

3rd Position 2018 - 2019

Secured 2nd position in University examination of academic year 2017-2018 at Maharaja Surajmal Institute of Technology, Janakpuri, New Delhi

CERTIFICATES

- **National Skill Development Cooperation under Ministry of Skill** for **volunteering work** at India Skills 2018.
- **Soft Skills Development Certificate** by **AICTE** in collaboration with Future Icons Foundations.