

Lucknow, India

Institute of Engineering & Technology, Lucknow

Dec 2020 – Aug 2024

Bachelor of Technology

Electronics and Instrumentation

CGPA:7.53

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## TECHNICAL PROJECTS

- ***Soil Monitoring Bot***

In this theme our team has built a SM bot to deploy on an arena that is the abstraction of an agricultural field.

**Language Used :** Verilog HDL.

**Concept Used :** Data Structures, Algorithms , Dijkstra Algorithm, Wireless Communication, FPGA.

**Softwares Used :** Quartus Prime Lite, XCTU, HTerm.

**Main Hardwares Used :** De0-Nano, Xbee s2c module, 3 channel Line Follower Sensor, Color Sensor (TCS3200), USB to UART module (FT232RL).

- ***Personal Site***

This is my personal website, its purpose is to make my profile like resume. It is using mainly HTML and CSS. Web contains very nice graphics and design which was challenging for me to implement using CSS.

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## EXPERIENCES

- eYRC-2021 Stage 2.

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## ACHIEVEMENTS

- Codechef ([sanni\\_20](#)) Rating 1535 – 2 Star.
- Global Rank – 158 in 'June Long Two 2022 Div 3.
- Codeforces ([pushpendra\\_20](#)) Maximum Rating 1051.
- Reached in Stage-2 of e-Yantra Robotics Competition-2021.
- LeetCode ([pushpendra\\_20](#)).
- GeeksforGeeks ([codepushpendra](#)).

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## SKILLS

- **Strongest Area:** Data Structures and Algorithms.
- **Languages:** C, C++, Python, HTML, CSS, Verilog HDL.
- **Tools:** Vscode, Quartus Prime, Git.