| [github pushpendra](https://github.com/githubpushpendra)  [pushpendra-yadav-iet](https://www.linkedin.com/in/pushpendra-yadav-iet) | **pushpendra babu** | | | **(+91)6387018533**  **yp22952@gmail.com** |
| --- | --- | --- | --- | --- |
| **Education** | | | | |
| **Lucknow, India** | **Institute of Engineering & Technology** | | | **Dec 2020 – Aug 2024** |
| Bachelor of Technology |  | Electronics and Instrumentation |  | CGPA: 8.40 |
| **Experience** | | | | |
| e-Yantra Robotics Competition – 2021 Stage-2 It is an international Robotics competition organized by ‘Indian Institute of Technology, Bombay’.  Worked on FPGA ( Field Programmable Gate Array ) using Verilog HDL language.  Worked on the Digi-Xbee module. This module uses wireless communication protocol.  Worked on some electronics sensors – Line Following Sensor.  **TECHNICAL PROJECTS** | | | | |
| [**Soil Monitoring Bot**](https://github.com/githubpushpendra/Soil-Monitoring-Bot)  In this theme, we build the SM Bot for deployment on an arena that abstracts an agriculture field.  It uses wired and wireless communication.  **Concepts Used** :*FPGA architecture, FPGA programming using Verilog HDL, Wireless communication concepts, building   a bot using a real FPGA development board.* | | | | |
|  | |  |  | |
|  | | | | |
| **ACHIEVEMENTS** | | | | |
| * Codechef Rating 1535 – 2 Star. * Global Rank – 158 in ‘June Long Two 2022 Div 3’. * Codeforces Maximum Rating 1051. * Reached in Stage-2 of **e-Yantra Robotics Competition – 2021** . * Codeforces [***pushpendra\_20***](https://codeforces.com/profile/pushpendra_20) * Codechef [***sanni\_20***](https://www.codechef.com/users/sanni_20) * LeetCode [***pushpendra\_20***](https://leetcode.com/pushpendra_20/) | | | | |
| **SKILLS** | | | | |
| * **Strongest Area:** Data structure & Algorithms. * **Languages:** C, C++, Python, HTML, Verilog HDL. * **Tools:** Vscode, Quartus Prime. | | | | |