



PRERNA



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41/12, Karnal road , Assandh

RELEVANT PROJECTS

● Buggy Project

learned about Arduino and robocar, soldering, how to make circuit of transmitter and receiver.

● Mangonel Project

learnt about force, accuracy, precision and angle and to increase the understanding of motion in two dimensions

● IoT Based Home Automation

Design an automated 2BHK Home with lawn using CISCO PACKET TRACKER and also worked on Blynk IoT

● IoT Based Smart Street Light System

Design a smart street light using arduino, LED ,LDR,IR sensor,resistors,breadboard etc using Arduino IDE.

● Dbms Banking Database project

Worked on Oracle Database and learnt PL/SQL queries and normalisation.

● Design and implementation of data acquisition and logging system

Design & development of an analog signal conditioning circuit and Development of data acquisition and logging system for a DC motor

LANGUAGE

English

95%

Hindi

90%

EDUCATION

- 2020
Class XII
DAV PUBLIC SCHOOL, ASSANDH
- 2020 - Cont.
BE (ELECTRONICS INSTRUMENTATION & CONTROL)
Thapar Institute Of Engineering & Technology, Patiala

SKILLSET

- Creative problem solving
- Critical thinking
- Positive attitude
- Basic knowledge of C, C++ ,Java
- Basic knowledge of DSA ,DAA
- AutoCAD adept
- Multisim
- Machine Learning
- Social media marketing
- Time management
- Strategic planning
- MATLAB proficient
- Public relations
- Communication skills
- Editing proficiency
- Grammar skills
- Content writing
- Basics of robotics (buggy)
- Arduino experienced
- Data base management system (Oracle SQL queries)
- Linux /unix operating systems
- Microsoft excel & PowerPoint
- welding, soldering & brazing , Silumation, CNC Lathe and CNC Miling
- GNS3 skills