



Registration No-21BEC10004
<https://www.linkedin.com/in/ananya-bhatnagar-688402251/>
Email-ananyabhatnagar707@gmail.com

Ananya Bhatnagar

Technical Skills: Digital Electronics, Embedded Systems, Wireless Communication, Hardware Programming, MATLAB programming, Arduino IDE, Proteus 8, Tinker CAD, Machine learning (Basic).

Certification: MATLAB Fundamentals, Control Systems (Coursera), Introduction to IoT (Cisco).

EDUCATION			
Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (ECE)	SEPT 2021 –Ongoing	VIT BHOPAL	8.74/10
Class XII	JULY 2021	KENDRIYA VIDHAYLAYA NER BAREILLY.	90.2%
Class X	MAY 2019	KENDRIYA VIDHAYLAYA NER BAREILLY.	91.2%

ACADEMIC PROJECTS	
Home Lighting Simulation Using Arduino.	HOME LED SIMULATION USING PHONE. (Jun 22– Oct22) <ul style="list-style-type: none">▪Description: Innovated a smartphone-controlled LED lighting system, cutting energy consumption by 20% and reducing manual intervention by 50% through seamless app integration and a user-friendly interface.▪Technology: C, C++, and Arduino IDE.▪Team Project: 2 Members.▪Role: Simulation, Code Developer, hardware connection, report formation.▪Access Link -: https://github.com/Anany1123/Arduino-Home-lighting-Simulation
Heart Attack Prediction System.	HEART ATTACK PREDICTION SYSTEM. (Sept 23– May 24) <ul style="list-style-type: none">▪Description: Designed and implemented an advanced heart rate monitoring system using Arduino, integrating real-time sensor data tracking and display▪Technology: Arduino IDE (C/ C++), Python (Jupyter Notebook), Proteus 8 Software.▪Team Project: 10 Members.▪Role: Hardware connection, Simulation, report formation, Code Developer, research.▪Access Link -: https://github.com/Anany1123/Heart-Rate-monitor
INTERNSHIP Maven Silicon VLSI (REMOTE)	DM+DI-AHB2APB Bridge -Completed an internship in VLSI at Maven Silicon, contributing to development of 3 cutting-edge semiconductor designs, which increased processing speed.

EXTRA-CURRICULARS AND ACHIEVEMENTS	
Achievements	<ul style="list-style-type: none">▪ IoT Certification.▪ Internship on Embedded Systems.
Responsibilities	<ul style="list-style-type: none">▪ Member-Drama club Contributor and Performer: Participated in and contributed to impactful drama plays, highlighting critical themes. Team Collaboration: Fostered teamwork and creativity, enhancing audience engagement.▪ Member - Advanced Intelligence in Electronics & Mechanics (AIEM) Club Innovative Projects: Actively participated in cutting-edge projects focused on integrating advanced Intelligence in electronics and mechanical systems. Skill Enhancement: Gained hands-on experience in IoT, and embedded systems, contributing to innovative solutions addressing real-world challenges.
Extracurricular	<ul style="list-style-type: none">▪ Certificate in Bollywood nights event.▪ Participant in math quiz.

ADDITIONAL INFORMATION	
Hobbies	<ul style="list-style-type: none">▪ Analog circuits enthusiast.▪ Dancing.▪ Watching movies.
Languages	<ul style="list-style-type: none">▪ English, Hindi.

