PRITI KARN

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LinkedIn/Github

RESUME SUMMARY

An energetic Electronics undergraduate with diverse interests and activities across domains – supported by strong voluntary association with software platforms through internships & projects.

EDUCATION

Bachelor of Technology (Electronics & Telecomm.), KIIT DU, Bhubaneswar 9.23 CGPA	**2022-2026**
12th Science, Moonlight Secondary School(MOHLISS),Kathmandu, Nepal, 94% aggr.	**2021**
10th NEB, South-zone Secondary School,Birgunj,Nepal, 95% aggr.	**2019**

VIRTUAL INTERNSHIP EXPERIENCE

- **Intern,** EduSkills,AITCE supported by Microchip Technology   **10/2024 – 12/2024**

  Gained insight on micro-controller, Embedded C, Peripheral Interfaces.

  Experience on simulation tools like PICSimLab, MPLAB IDE
- **Internship** on Embedded System by **EMERTXE**(On-going)   **01/2025- Present**

PROJECTS

- **Third Eye** for Visually Impaired Individuals using **Arduino Uno**
- Real-time **UV Exposure and Hydration level measurement** using **Arduino Uno**
- **Autonomous DRONE** for Disaster Rescue: Ideation Project for **SIH**
- **Accident Alert System** using **Arduino Uno**
- **Low power 8-bit ALU** using **SYNOPSYS**

CERTIFICATIONS

- Python Essentials by Cisco Networking Academy

  2024
- MATLAB Onramp course by Mathworks

  2023

PARTICIPATIONS

- Poster Presentation on **"Low Power 8-bit ALU"** in KREATIVITY EXPO-2025 by SoEE, KIIT DU
- Prototype Presentation "**Third eye for Visually Impaired"** KREATIVITY EXPO-2024 by SOEE, KIIT DU
- Prototype Presentation "Real-time UV exposure and Hydration level Measurement", KREATIVITY EXPO-2025 by SOEE, KIIT DU

TECHNICAL SKILLS

- **Language:** C, Python, Verilog, MATLAB(Basic), Assembly(Basic)
- **Platforms:** Arduino IDE, **VIVADO, SYNOPSYS**, TinkerCAD, TINA-TI
- **Hardware Skills:** Arduino UNO, Processors and Controllers Arch., FPGA, Circuit Assembling and Simulation.

ADDITIONAL SKILLS SET

- Hands on experience working with MS-Office and CANVA.
- Exposure to **managing cultural & annual events**, seminars and conferences.
- Paintings

AWARDS AND RECOGNITIONS

- Assistant Coordinator, KIIT International Student Society, KIIT DU   **2024- present**
- Coordinator, IEEE MTTS-KIIT Student Branch Chapter   **2025-present**

EXTRA CURRICULAR ACTIVITIES

- Country Representative, KIIT International Student Society **2022 - 2024**
- Membership and Outreach Lead, IEEE MTTS KIIT Chapter **2025 - present**