

BHAVANA PRIYA

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Academic Qualifications

Year	College / Institute / School	Qualification	CGPA / Percentage
2026 – Present	Lovely Professional University, Phagwara, Punjab	B.Tech – Electrical & Electronics Engg. (Lateral Entry)	Pursuing (2nd Yr / 3rd Sem)
2023 – 2026	New Government Polytechnic, Patna-13	Diploma in Electrical Engineering	8.78 CGPA (Completed)
2023	The Earth Public School, Patna, Bihar	Matriculation (10th Standard)	94.4% (First Division)

Skills

Programming & Scripting: C, C++, Python, BASH Shell Scripting

Technical & Hardware Domains: Electric Vehicle (EV) Technology, IoT & Digital Transformation, Arduino Microcontrollers, Network Automation

Software, CAD & Tools: QCad (2D CAD), VS Code, LaTeX, Cisco Packet Tracer, LibreOffice Draw, Avogadro

Core Competencies: Cybersecurity Fundamentals, Network Routing & Switching, Embedded Circuit Interfacing, Technical Leadership

Internship Experience

Electric Vehicle Technology Intern / *Internbee Trainings (Approved by AICTE)*

Jun' 25

- Completed intensive 4-week industrial training on EV powertrain architectures, charging infrastructure, battery systems, and safety policies.
- Mastered EV technology regulations and maintenance protocols, securing a top score of 97% in the final AICTE assessment.

Projects

Automatic Load-Sharing Transformer / *Hardware & Microcontroller Project*

Apr' 26

- Engineered an automated load-sharing mechanism using microcontroller circuitry to continuously balance load between primary and secondary transformers, eliminating overload hazards.
- Integrated sensing circuits with automated relay switching to execute instantaneous power redirection during line threshold breaches without supply disruption.
- Tech Stack:** Arduino Microcontroller, Embedded C, Relay Circuitry, Power Electronics, Circuit Simulation

Smart India Hackathon (SIH) Prototype / *Institutional Selection Round*

Oct' 25

- Collaborated in an interdisciplinary engineering team to conceptualize and pitch an innovative technology prototype addressing real-world problem statements.
- Architected circuit schematics, hardware interfacing routines, and system logic flows, presenting operational demonstrations to the faculty jury.
- Focus Areas:** Embedded Prototyping, Hardware Interfacing, Problem Formulation, Team Project Delivery

Certifications & Technical Training

CCNA: Enterprise Networking, Security, and Automation Cisco Networking Academy	Jun' 25
Introduction to Modern AI Cisco Networking Academy EdCreate Foundation	Apr' 26
Introduction to IoT and Digital Transformation Cisco Networking Academy NGP Patna-13	Oct' 25
Introduction to Cybersecurity (Verified Credential) Cisco Networking Academy	Mar' 24 / Apr' 25
Arduino Microcontroller Training (Score: 95.00%) Spoken Tutorial Project, IIT Bombay	Apr' 25
BASH Shell Scripting Training (Score: 96.67%) EduPyramids, SINE, IIT Bombay	Nov' 25
Python Programming & Digital Productivity Spoken Tutorial (IIT Bombay) & UNICEF (YuWaah!)	2024
QCAD Engineering Design & LaTeX Technical Typesetting Spoken Tutorial & EduPyramids, IIT Bombay	2023 – 2025

Extracurricular Achievements & Honors

Sports Championships (Badminton & Table Tennis):

- **Winner – Badminton Doubles:** Awarded 1st Prize at SPARDHAA 2026 Annual Sports Meet, Chandragupt Institute of Management Patna (CIMP).
- **Winner – Badminton:** Secured 1st Place at TARANG 4.0 (2025-26), New Government Polytechnic, Patna-13.
- **Winner & Runner-Up – Badminton:** Winner at Shauryotsav 2025 and Runner-Up at Shauryotsav 2026 annual sports fest, NGP Patna-13.
- **Runner-Up – Table Tennis:** Secured 2nd Place at TARANG 4.0 (2025-26) tournament, New Government Polytechnic, Patna-13.

Academic Honors & Fine Arts:

- **Pratibha Samman Samaroh (2023):** Conferred Certificate of Appreciation by Private Schools & Children Welfare Association for Outstanding Performance in 10th Board (94.4%).
- **Literary & Creative Arts:** Awarded 1st Prize in Poem Recitation and 2nd Prize in Drawing Competition at NGP Patna-13 (March 2024).