

AKSHARA TAPARIYA

 tapariyaakshara07@gmail.com  +91-8955304101  Bhopal, India  LinkedIn  GitHub

PROFILE

Aspiring engineer at MANIT Bhopal, driven by innovation and a passion for developing scalable, impactful solutions through technology, problem-solving, and continuous learning.

EDUCATION

Bachelor of Technology, Maulana Azad National Institute of Technology

Mechanical Engineering

CGPA: 8.86

08/2024 – 05/2028 | Bhopal, India

Higher Secondary Certificate, Maheshwari Public School

Percentage: 89.6

2022 – 2024 | Kota, India

Senior Seconday Certificate, Maheshwari Public School

Percentage: 95.8

2020 – 2022 | Kota, India

PROJECTS

Line Follower Robot, Robotics Club, MANIT 

09/2024 – 10/2024

- Developed logic on **Arduino IDE** using data from a **3-IR sensor array**, enabling the robot to follow a white path on a black arena autonomously.
- Deployed and calibrated the IR sensor array on the robot chassis, integrating it with motors, motor drivers, and Arduino for smooth, efficient **autonomous** navigation with **10+ precise movements**.

SKILLS

Languages and CS Fundamentals: C Programming

Additional Skills: Canva, Design Thinking

Soft Skills: Leadership, Team Work, Event Management

ACHIEVEMENTS

Girl Hackathon'25, Google India

02/2025 – 02/2025

Shortlisted for **Google Girl Hackathon** 2025 Edition.

STEM Stars Scholarship 2024-25, Infosys Foundation 

10/2024 – present

Awarded the prestigious "**Infosys-Buddy4Study Scholarship**" for academic excellence, dedication, and perseverance, securing up to INR 100,000 per year for 4 years.

Robonauts India, Robotics Club, MANIT 

09/2024 – 10/2024

Successfully presented the "**Line Follower Robot**" at the **Make-a-Thon**, organized by the Robotics Club, competing among 150+ participants.

Transforming Awards 2019-20, Lovely Professional University 

12/2019 – 02/2020

Participated in LPU's prestigious "**Transforming Awards 2019-20**", recognizing innovative thinking and outstanding contributions.

EXTRACURRICULARS

Doodle for Google, Google India 

Kota, India

Secured **3rd position** in the "**Doodle for Google**" competition in Kota, demonstrating creativity and artistic expression.

Bhartiya Sanskriti Gyan Pariksha 

Kota, India

Contributed to Bhartiya Sanskriti Gyan Pariksha for **1 year**, fostering awareness of **Indian culture**, heritage, and values.

Passionate Dancer

Bhopal, India

Active participant in dance, demonstrating performance skills, creativity, and teamwork in various events and competitions.

VOLUNTEERING

National Service Scheme

08/2024 – present

COURSES AND WORKSHOPS

CAD VENTURE, Vision, MANIT 

02/2025 – 02/2025

IOT-VERSE, Vision ECE and EE, Robonauts India, MANIT 

02/2025 – 02/2025