

# FREYA PRAJAPATI

+91 91065 19536 | 21-Himalaya Retreat, 100 Ft Road, Anand, Guj., India

Freyaprajapati2510@gmail.com  
[www.linkedin.com/in/freya-prajapati-a88a30383](https://www.linkedin.com/in/freya-prajapati-a88a30383)

## EDUCATION

### Adani International School, Ahmedabad

2024-Present

- Grade 10 (IGCSE) - 5 A\*, 3 A (Sem 1)
- Grade 9 (IGCSE) - 5 A\*, 3 A
- AP Classes: AP Microeconomics: 5, AP Psychology: 4

2022-2024

### Anandalaya School, Anand

- Grade 8 (CBSE) : 98.4 % | First Rank in School

## RESEARCH EXPERIENCE

Apr 2024 - July 2025

### Color Blindness Awareness Survey and Data Analysis

Mentor: Dr. Ajay Goyal, Nirma University, Ahmedabad

Surveyed 482 students, teachers, and parents to assess awareness and challenges of color blindness.

**Publication:** Research was Published in the International Journal of High School Research.

[https://terra-docs.s3.us-east-2.amazonaws.com/IJHSR/Articles/volume7-issue8/IJHSR\\_2025\\_78\\_23.pdf](https://terra-docs.s3.us-east-2.amazonaws.com/IJHSR/Articles/volume7-issue8/IJHSR_2025_78_23.pdf)

### Smart Medical Identity Card for Instant Emergency Decision-Making

June 2025 - Present

Mentor: Dr. Ajay Goyal, Nirma University, Ahmedabad

Developed a portable medical identity system using secure QR/NFC technology to provide instant access to verified medical history during emergencies. Enables faster, safer clinical decisions for unconscious or unaccompanied patients by eliminating blind treatment.

## PAPER PRESENTATIONS

- A review article on 'Rights of People with Invisible Disabilities in India: Addressing the Challenges' was presented in an international seminar on 'Voices of Justice: Exploring Human Rights Today' at Adani International School, Ahmedabad, in 2024.
- A review article on 'Digital Dependence and Sleep: Understanding the Impacts of Excessive Mobile Phone Use' was presented in an international seminar on 'Mindful Minds in a Digital World' at Adani International School, Ahmedabad, in 2025.
- Presented a research paper on "A Novel Offline-Enabled Medical Identity Framework for Instant Triage and Safer Emergency Care," proposes a physical QR-based medical card that allows instant access to concise, critical health information during medical emergencies, even in low-connectivity settings, at the 100th **Indian Medical Association national conference** - the only high school student.

## LEADERSHIP & COMMUNITY SERVICE

### Co-founder - Aiding Colours Project for School Children

1h/wk, Dec 2023 - Present

- Initiated India's first school-based color vision deficiency (CVD) screening & awareness initiative in collaboration with Dr. Shivani Bhatt Charitable Foundation.
- Screened 10600+ children across 31 schools of Gujarat for CVD, identified 131 cases, provided career and psychological counselling to diagnosed students and their parents.
- Prepared labelled color pencils to help colorblind students in art classes.
- Prepared & distributed 5,000+ brochures in English and regional languages for raising awareness.

### Co-founder - SurgiCare App for Patients

1h/wk, Oct 2023 - Present

- Designed SurgiCare, a patient education and support app.
- Features: AI chat for surgery-related queries, mood/anxiety tracker, direct staff contact, surgeon dashboards with pre/post-op summaries.
- Collaborated with surgeons, Dr Apurva Patel (Laparoscopic), Dr Rakhee Patel (Gynaecology), Dr Utkarsh Khatri (Orthopaedics) & Integrated into 5 hospitals - 100+ patients benefited.

### Volunteer- Animal Helpline, Anand

1h/wk, Oct 2024 - Present

- Assist in feeding and handling animals, including dogs, rabbits, and pigeons and Provide primary first aid to injured animals.

### Volunteer- Shivani Mobile School, Anand

During School Break, June 2025 - Present

- Teaching art, craft and painting to underprivileged kids.

## SUMMER PROGRAM

### Medical School Intensive

July 2025 (2 Weeks, On Campus)

#### The Johns Hopkins University, USA (Credit -1)

- Attended multiple lectures covering respiratory and circulatory systems, homeostasis and endocrine system, cell signaling and cancer, nervous system, immunology and microbes.
- Participated in labs and clinical activities like dissecting a fetal pig and suturing it back up, practice patient interviews, stop the bleed training, vascular access, and Blood typing.

### Veterinary Medicine, National Student Leadership Conference Virginia Tech, USA

June 2025 (9 Days, Residential)

- Attended multiple lectures covering toxicology, therapy dogs, zoo medicine, rehabilitation, pharmacology, careers in veterinary medicine, and leadership sessions.
- Participated in labs and clinical activities like dissecting a cow eye, sheep heart and a fetal pig, suturing, clinical diagnosis simulation.

## EXTRACURRICULARS

### Harvard Sustainability Impact Summit (HSIS), Flame University, Pune

3 Aug 2025 - 7 Aug 2025

- Participated as part of Team Gamma, working on "The Paradox of Urban Development and Informal Settlements in Ahmedabad" under SDG 11 along with a team of 3. Through visits, interviews, and research, we developed solutions for slums in Ahmedabad and were honored to be selected among the top 6 teams.

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## AWARDS & RECOGNITIONS

- Awarded **Kathak Visharad Purna degree (Distinction)** in Kathak ( Indian Classical Dance) by Mahagujarat Gandharv Sangeet Samiti, Surat, in February 2025.
- Awarded **First Prize in Folk Dance (National Level)** Competition at the 69th All India Artists Association (AIAA), Shimla in June 2024.
- Awarded for **Best Speaker** in the international Seminar, "Voices of Justice: Exploring Human Rights Today"-2024.
- Awarded for **Emerging Scholar** Title in the international Seminar, "Mindful Minds in a Digital World"-2025.
- Received a **Notable Award in the 2025** Bow Seat Ocean Awareness Contest on 'Connections to Nature: Looking Inside, Going Outside!' in the Performing Arts Category for her Kathak Performance.

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## CERTIFICATION & TRAINING

- Trained Life Support Provider (COLS) – Shree Krishna Medical College, Karamsad (Feb 2024).

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## SPORTS AND HOBBIES

### Dance: (2h/wk, 2018-Present)

- 9 years (2017 -2025) in Kathak dance under the guidance of Kalaguru, Mrs Seema Shah, Noopur Academy, Anand, and awarded Kathak Visharad Purna degree with Distinction by Mahagujarat Gandharv Sangeet Samiti, Surat.

### Table Tennis : (1h/wk)

- District First in Khel Mahakumbh Championship-2024, 2025
- District First in SGFI National School Games-2025
- Participated in TTFI National Ranking Tournament, 2024 at Bangalore.
- Represented school U-17 & U-19 teams at ISSO.
- District Third in Khel Mahakumbh Championship-2026

**Art:** Canvas Painting, Crochet, Resin art

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