

ANSHUL MODI

ACADEMIC PROFILE

GITANJALI SENIOR SCHOOL HYDERABAD

- IGCSE (Cambridge International): A* in Chemistry; A* in Physics; A in Mathematics; A* in English; A in Economics. MARCH 2023
- AS Level (11th Grade Cambridge International): A in Physics, Chemistry, Mathematics and Computer Science MARCH 2025
- A Level Predicted (12th Grade Cambridge International): A* in Chemistry, A* in Mathematics and A in Physics MARCH 2026
- SAT: 1470 DECEMBER 2024

ACADEMIC HONOURS

2022-2026

- IGCSE: Topped the School in Physics and Chemistry
- AS Level: Topped the School in Mathematics
- AS Level: Nominated for Cambridge Outstanding Learner Award India (Mathematics)

RESEARCH & INTERNSHIP

HYDERABAD INTEGRATED MUNICIPAL SOLID WASTE LTD., HYDERABAD

JUNE 2024

India's largest landfill gas-to-compressed biogas (CBG) and zero-liquid discharge wastewater treatment facility.

- Assisted in conducting jar tests to optimize coagulant dosing and studied gas processing for clean fuel applications.
- Researched integration of solar energy and natural gas in wastewater treatment for zero-emission operations.

RADATORY TECHNOLOGIES, HYDERABAD

JUNE 2025

Manufactures Lino Hematology Analyzer, Blood Smearer and rapid stainer.

- Worked on optimization of Wright and Giemsa dual-staining processes for diagnostic hematology.
- Shadowed scientist who improved staining consistency and reduced process time from 10 minutes to 60 seconds for digital imaging suitability.

INDEPENDENT RESEARCH PAPER

JUNE 2025

Electrochemical Mechanisms and Materials Innovations in Lithium-Ion Batteries.

- Analyzed electrode reactions, SEI growth, and dendrite formation.
- Evaluated next-gen materials: silicon anodes, nickel-rich cathodes, and solid-state electrolytes for EVs.

CRICKET PROFILE

2015-2025

- Average 63.89, strike rate 113 (2025 season).
- Scored 215*, 123, and 108* in recent league tournaments; multiple "Best Batsman" and "Player of the Match" awards.
- Represented Hyderabad in U-16 and U-19 state probables (Vinoo Mankad Trophy).
- Trained under Sir Dinesh Lad (Coach of Rohit Sharma & Shardul Thakur) for advanced batting mentorship.
- Captained school teams (Gitanjali Senior School, Hyderabad Public School).
- Balances elite-level cricket with strong academic and research achievements.

LEADERSHIP & SOCIAL INITIATIVES

2022-2025

- Co-Founder, PMRD Charitable Trust: Supports underprivileged athletes with training and equipment.
- Water Testing Initiative: Conducted water quality analysis and implemented filtration units in Hyderabad's slum areas.
- Entrepreneurial Project: Formulated and sold 500+ verified high-protein bars to fund community sports programs.