

Rohan Monga

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EDUCATION

Dhirubhai Ambani International School, Mumbai

MARCH 2012 - MAY 2026

Grade 10 IGCSE Boards:

11 A*s in 11 subjects: Additional Mathematics, International Mathematics, Geography, Physics, Chemistry, Biology, Physical Education, Global Perspectives, First Language English, World Literature, and Spanish as a Foreign Language

Grade 11 IBDP:

Current Grade: 42/42 (1 out of 10 in my grade)PG: 45/45

Mathematics Analysis and Approaches HL, Psychology HL, Physics HL, Spanish B SL, Chemistry SL, English Literature and Language SL

GPA: 3.98/4.00

SAT: 1600/1600 (≈top 0.1%)

TOEFL: 119/120

AP: Psychology (5/5)

AP: Computer Science A (4/5)

PROJECTS

Dear Me, Founder

MAY 2022 - PRESENT

- Awarded the “National Humanitarian Excellence” Award 2025 in New Delhi and was commended by the Indian Cancer Society, Cancer Patients Aid Association and the Government of India for my project.
- Designed and led a multi-platform initiative supporting **15,000+ caregivers** through digital tools, education, and research. The project has improved caregiving experience by 75% according to a survey I conducted.
- Built a custom AI chatbot (1000+ users) offering 24/7 emotional

SKILLS

Psychology research

Web Development

App Development.

Mathematics and Data Analysis

Video-Editing

Coding

Writing

AWARDS

National Humanitarian Excellence Award 2025:

Awarded for excellence in social impact, impacting 20,000 through Dear Me. 1 out of only 5 selected in entire Maharashtra state; only awardee below 18.

American Math Competition

10 Distinction 2023: All India Rank 16, Distinction and AIME Qualification, School Rank 1, Top 5% of 300,000+ total participants.

Purple Comet Math Meet

2025: Ranked 1st out of 3,000 teams globally. Perfect 30/30

support, trained using CBT and psychological techniques.

Onboarded by the ICS.

- Created the “[Dear Me](#)” mobile app with guided journaling, habit tracking, meditation, and expert-led videos.
- Developed the CARES self-care framework and trained 820+ caregivers in self-care strategies through printed and [digital guides](#) (2,700 downloads).
- Organized and facilitated support groups for 1,000+ caregivers in collaboration with Indian Cancer Society, CPAA, and VCare. Led interactive art therapy sessions, financial literacy workshops, and resource awareness modules on caregiver rights, subsidies, and emotional health. Designed engaging activities and games to foster peer bonding and stress relief.
- Launched the “Humans of Bombay: Caregivers” campaign, sharing 20+ real caregiver stories via [web](#) and [print](#) (combined 2,600 views).
- Directed content, UX, and outreach for www.mydearme.com (5,400+ users).
- Distributed [one page caregiver pamphlets](#) in 5 languages in collaboration with Cuddles foundation all over India (2,200 distributed). Working on sending 2,000 more by September.

Wellness Warriors, Co-Founder

MAY 2022 - PRESENT

- Designed and led workshops for 1,200 students in my school and government schools to alleviate academic stress.
- Created an academic repository of class notes, exams, and other resources for IBDP and IGCSE students with 500 users.
- Leveraged social media to share advice from alumni and share psychological tips, with over 100,000 views on reels.
- Conducted pre- and post-intervention analysis with the students, recording a 35% improvement
- Shared psychological tricks and interviews from real psychologists.

Get, Set, GO! Founder

MAY 2022 - PRESENT

- Designed, embossed with a logo, and donated 180 pieces of old sportswear.
- Conducted football, life skills, and math sessions for 200+ underprivileged students, promoting holistic growth through sport.
- Represented Oscar Foundation at the TATA Mumbai Marathon. Ran the 10k in 50 minutes and raised INR 1.75 lakh for the foundation.
- Awarded Young Leader Award by Oscar Foundation.

score.

Sir Isaac Newton Physics

Competition 2025:

Distinction, Ranked in the Top 100 in the world.

Waterloo Math Competitions

2023: Received distinction in both Pascal (Top 100 in the world) and Fryer (All India Rank: 3)

Asian Math Competitions

(2022-24): Received medals in the following competitions: PIMSO (Gold, Only Indian), TIMO (Gold, Silver), HKIMO (Silver), AIMO (Bronze), WMGO (Bronze)

Limit 2025: World Rank 35 in Limit Math Meet. Invited to selective ISI Bangalore Limit Camp.

School Honors:

Consistently received Honor roll award and academic subject awards. Received Academic Excellence award in 11th grade. One of only 5 students to score a 42 in IBDP, and one of only 11 students to get 11 A*s in the IGCSE Board Examinations.

Academic Honor Roll (9,10) and subject awards in all 11 of my subjects (1 of only 2).

Academic Excellence Award (11), for 40/42+ in both terms.

LANGUAGES

English, Hindi, Spanish

EXPERIENCE

Top Tertiary Hospital— *Software Development Intern*

MARCH 2025- PRESENT

- Designed and launched a mobile application to support the rehabilitation of children in juvenile justice centers, integrating principles of cognitive psychology to promote sustained emotional and cognitive development.
- Key features include mood tracking, personalized progress suggestions, an AI-powered conversational chatbot, and calming games to aid emotional regulation.

Top Electronic Surveillance Company— *Software Development Intern*

MARCH 2025- PRESENT

- Building a mobile safety app in collaboration with Zicom, a security technology firm with 1,000+ employees. Engineered a panic-button system allowing users to instantly notify authorities, send real-time GPS data, and record video/audio evidence. Integrated safety education resources and a live news feed for crisis awareness. Clients

Cuddles Foundation— *Intern*

MARCH 2024- PRESENT

- Analyzed yearly sales data for 50+ hours using statistical correlations and regressions, identifying possible areas for concern.
- Conducted Art therapy sessions with cancer patients
- Designed and distributed 200+ Thank you cards to donors
- Co-organized my school's CAS fete, wherein we raised > 10 lakhs for multiple NGOs, including ≈ 35,000 INR for Cuddles Foundation.

Amaha— *Research Intern*

MARCH 2024- OCTOBER 2024

- Conducted UX research on peer engagement features within their digital mental health platform.
- Suggested onboarding 21 features, of which 3 were implemented.

RESEARCH

“Optimizing Caregiving Systems: A Strategic Analysis of Family, Government, and Institutional Interactions” — *Author*

- Published in the International Journal of Social Science and Review Aug 2025 and accepted by the Princetonian conference, the most prestigious conference for high school research. Discussed my paper with Ivy League professors
- Received praise and collaboration interest from professors at Yale, MIT, UMass Amherst, and University of Leeds, hailing the work as “incredibly impressive”. Offered collaboration from Nancy Folbre, professor emeritus at UMass Amherst.
- Applied advanced game theory to model my own novel game on caregiving interactions between governments, families, and private institutions. Identified systemic inefficiencies and proposed policy recommendations to improve caregiver support structures. Conducted a literature review and analyzed 15+ academic sources; structured the model across multiple domains (role allocation, financing, self-care).

“Caregiver Burden, Resilience and Optimism-A Prospective Study in Caregivers of Cancer Patients in Mumbai, India” — *Co-Author (with Oncologists from Wockhardt Hospital)*

- Published in the **Indian Journal of Psychology (IJIP) 2024** and presented at the **Sigma Xi Student Research Conference**.
- Investigated psychological challenges faced by caregivers of cancer patients, interviewing 40+ caregivers.
- Used psychological surveys, including LOT-R and Zarit Burden Interview.

SUMMER SCHOOL 2024

Michigan Math and Science Scholars— Climbing the Distance Ladder to the Big Bang: How Astronomers Survey the Universe

- Coded galaxy collision and N-body collision simulations using VPython
- Learnt how to use astronomical methods to calculate parallax, distances, magnitudes, etc.
- Led my team to win the class-wide quiz bowl