

VAIBHAV SANGHAI

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EDUCATION

The Cathedral & John Connon School (CAJCS), Mumbai

2018 – Present

- *Indian School Certificate (ISC)*, Grade 12
- *Indian Certificate of Secondary Education (ICSE)*, Grade 10 - Score **97%**
- **Cathedral Honors Prize** for Academic Excellence - Grades 8, 9, 10, 11

May 2027

May 2025

STANDARDIZED TESTS & APs

- **SAT Score: 1520/1600 (Math: 800/800, English: 720)**, 99th percentile
- **AP: 5/5 Calculus BC, 5/5 Microeconomics, 4/5 Macroeconomics**
- AP Scholar Award
- IELTS - In Progress

Dec. 2025

May 2025, May 2026

2026

2026

MATHEMATICS CONTESTS

- UKMT, United Kingdom Mathematics Trust (650,000+ participants annually): **Gold Certificate, School Topper**
- Cayley Math Contest, University of Waterloo (CEMC): **Distinction, School Top 2**
- Fryer Math Contest, University of Waterloo (CEMC): Certificate of **Distinction, School Rank 1**

2025

2025

2024

NATURAL WORLD — YOUTUBE CHANNEL (<https://www.youtube.com/@NaturalWorldUniverse>)

Founder & Producer

2021 – Present

- Founded and independently grew a climate change YouTube channel to **70,000+ subscribers** since the **age of 11**
- Researched, scripted and produced **150+ videos** on eco-sustainability and environmental science over five years

COMMUNITY EMPOWERMENT INITIATIVES

Intern, Svatantra Microfin, Mumbai (3 months)

April – Jun 2026

- Interned at **India's largest microfinance company** owned by Aditya Birla Group
- Visited over **40 MFI centres** across rural Maharashtra and attended Joint Liability Group meetings of women borrowers
- Conducted financial literacy sessions for women micro-borrowers, covering finance availability options and digital payments
- Collected village-level micro data on population and livelihoods, and presented recommendations to senior leadership of Svatantra
- A pilot project was launched based on these recommendations

Lloyds Infinite Foundation, Gadchiroli (2 years)

June 2024 – Present

- Integral member of the CSR team of Lloyds Metal & Energy, engaged in community development in the tribal belt of Maharashtra
- Dedicated **320+ hours** over two summers and year-round remote engagement in Gadchiroli
- Participated in the Foundation's Community Rehabilitation and Reintegration Programme, with surrendered former Maoists
- Handled selection of books for the district library

ECONOMICS & FINANCE RESEARCH

Research Paper

Author, Research Paper - "Trinity of Rural Finance & Empowerment in Rural India", Published in Journal

2026

- Published at <https://zenodo.org/records/23015129>
- Authored a research paper examining the transformative role of financial inclusion, through Microfinance, Gold loans and 'Kisan' Credit Card, in advancing socio-economic development across Rural India under mentorship of the Chief Economist of ICICI Bank
- Interviewed the Head of Rural Finance at Axis Bank, Founder of IIFL Group and Managing Director of Svatantra Microfin
- Covered by **national media houses** (Economic Times – #1 English newspaper in India, Prabhat Khabar – #7 Hindi newspaper in India)

SCHOOL LEADERSHIP

Financial Literacy Program for School Teachers

2026

- Organised an exclusive financial-literacy program for **80+ faculty members** by respected leaders from the Indian wealth and capital market industry
- Enabled teachers to engage directly with experts on investment and capital allocation

Secretary, Cathedral Finance Society

2024 – Present

- Led **200+ students** and created awareness about financial markets through events, simulations, interviews, and newsletters
- Organised flagship event “**Cathedral Portfolio**” and Stock Exchange Simulation with participation across 30+ schools
- Empowered specially-abled children at Jai Vakeel Foundation through financial literacy sessions and connected reputed investors to the students for mentorship

Organising Committee, Cathedral Math Society

2025 – Present

- Organised the Cathedral Math competition with 4,500+ participants
- Mentored younger students in Grades 8–11 to prepare for the International Math Olympiads
- Responsible for the graphics, design, and editorial contribution to the Mathematica newsletter (July, Aug, and Sept 2025 editions)

COURSES AND CERTIFICATION

Financial Modelling & Valuation Analyst (FMVA®), Corporate Finance Institute

Jun 2026

- Completed CFI's 15-course certification spanning 3-statement modelling, DCF & comparable valuation, budgeting & forecasting
- Curriculum used to train analysts starting in investment banking, private equity, and equity research
- Scored **95%** on the final exam, earning the charter held by finance professionals at global banks

Wharton Global Youth Program, University of Pennsylvania (Essentials of Finance)

June – July 2024

- Selected as one of the program's **youngest participants** for the residential program
- Designed by Professor Michael Roberts on compounding, NPV, DCF, valuation logic, and real-world financial decision-making
- Co-led a team analysis of JPMorgan Chase & Co. and competed in a Wharton trading competition amongst a global cohort

SUMMER SCHOOLS

Brown University (AI, Data Science & Machine Learning)

June – July 2025

- Built a Spotify-style recommendation engine through data exploration, outlier handling, algorithm comparison & evaluation. Achieved a grade of **91.42%** with a 5/5 score on all parameters and standout faculty feedback
- Integrated live user feedback into successive model iterations, treating accuracy and real-world usability as equal tests of a working system rather than prediction alone

Veritas AI Scholars Program

Apr – May 2024

- Completed a 10-week AI Scholars bootcamp covering Python, linear regression, convolutional neural networks & AI ethics
- Co-built a CNN-based object-recognition model as the capstone group project, applying computer vision techniques used in self-driving cars and facial recognition, and training, testing, and evaluating the model on real image data

GOLF

Playing Golf since age 7 with a handicap of 12

Outreach

The Champion for Life Initiative & No Child Sleeps Hungry (ongoing)

2026

- Taught underprivileged children mathematics through my golf coach's 'No Child Sleeps Hungry' initiative
- Designed 'The Champion for Life' initiative under my coach's guidance to provide educational support and free meals to over **300 children** from tribal villages

SKILLS AND INTERESTS

- Creative: Film production & editing, Graphic design
- Sports & Music: Golf, Basketball & Guitar
- Interests: Applied mathematics, climate & sustainability, financial literacy
- Languages: English, Hindi