

Education

Delhi Public School, Noida

April 2018 - May 2026

Subjects: Mathematics, Accountancy, Business Studies, Economics, English, French.

APs: Micro, Macro (11th); Calc BC, Stats (12th).

Head Boy (2025–26): Leader of the 5,000+ student council; Senior Member of Business and Investment Club, MUN Club, Debating Society, Quizzing Society.

Research & Leadership Experience

Quantitative Finance Research Intern – MIT Sloan June 2025 – Present

- Reconstructed asset-pricing factor models to test non-linearity and heterogeneity in risk premia using Patton & Weller (2020).
- Built a Python econometric suite (OLS, EM, HAC, Fama–MacBeth, permutation testing) integrating WRDS, CRSP, and Compustat data.

Founder & Director – Project Janseva Dec 2023 – Present

- Founded a UN-recognized nonprofit for electoral literacy, impacting 3,000+ workers and reaching out to over 20,000 people through civic programs, social media and workshops.
- Invited by UN ECOSOC President to speak at HQ NYC; recorded as youngest Indian delegate in the Indian Book of Records.

Youth Fellow & Speaker – UN ECOSOC Forum April 2025

- Sole Indian under 18 invited to address ECOSOC 2025 on SDG 10 and 17, focusing on inequality reduction and capital access.
- Delivered intervention representing India’s youth initiatives on sustainable policy and civic innovation.

Senior Writer – IEFPP (Australia) 2025 – Present

- Authored policy papers on EU macro-financial aid and financial market transparency for the European Commission and ESMA.
- Published work in *South Asia Monitor*; recognized by the former UNEP Director for contributions to sustainable finance.

Founder – AudioLedger 2024 – Present

- Created an ASR-based accounting model (Python, Node.js) automating bookkeeping for MSMEs in native dialects.
- Achieved over 80% ledger-mapping accuracy; piloted MVP with 15+ micro-enterprises.

Research Intern w/ PhD fellow at NYU Stern May 2025 - present

- Modeled divergence between technical vs. financial patent valuations using Difference-in-Differences frameworks.
- Built regression models linking patent innovation cycles to firm-level performance across 10-year panels.

Business Development Intern – Anon (LLC) May – Aug 2025

- Conducted market research and AI automation to expand educational products across 7 international markets.
- Supported backend system optimization and localization for multi-country client rollouts.

Research Fellow – ISHET 2025

- Youngest inductee (U18) to ISHET; presented paper at annual conference hosted at IIT Delhi.
- Conducted comparative study on classical and modern schools of economic thought.

Skills

Quantitative: OLS, Fama–MacBeth, D-i-D, EM & GA optimization, HAC covariance estimation, permutation testing, k-means clustering, model construction, behavioral economics research design, data interpretation, and applied econometric modeling.

Technical: Python (NumPy, Pandas, Statsmodels, tqdm, matlab), Node.js, LaTeX, data cleaning & automation.

Databases: WRDS, CRSP, Compustat, Ken–French Library, Fama–French Factors.

Awards & Honors

- **World Rank 2** — International Economics Olympiad OpenTrack, Baku Azerbaijan 2025. Represented Team India and placed 2nd in Economics with a score of 191.38/200
- **ISHET Research Paper** — Research Paper accepted to annual ISHET Conference at IIT Delhi. Only high schooler’s paper to be selected for presentation
- **Youngest Speaker** — UN ECOSOC Forum. National Record for being the youngest speaker from India at the ECOSOC Forum 2025, verified and awarded by Indian Book of Records (New York City, 2025)
- **Journal Publication** — Published articles on climate finance in the South Asia Monitor, Published Financial Review paper to the European Commission, Research paper selected in IJFMR, IRE, IJCSE
- **School Awards** — Won multiple prestigious MUN’s, Mock Stock trading, Quizzing and Business Pitching competitions throughout high school

Working Paper

Title: “Comparative Econometric Analysis of a Novel Behavioral Indicator: GSSI”

Constructed a novel high frequency preference reveal model, GSSI, for economic forecasting by linking shifts in consumer sports behavior to income elasticity patterns and market sentiment. Draft under faculty review for undergraduate publication consideration.