

Amit Kumar Goyal

Economics Coach, Econ School | Academic Specialist, NYU Abu Dhabi | Delhi & Abu Dhabi

CONTACT

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RESEARCH INTERESTS

Microeconomic Theory | Economic Education

EDUCATION

Indian Statistical Institute, New Delhi

PhD, Economics 2009–2014, 2022–Present

- Advisors: [Arunava Sen](#) and [Debasis Mishra](#)

The Pennsylvania State University, State College, PA

PhD Programme (non-graduating), [Economics & Operations Research](#) 2005–2009

- Completed 3.5 years of coursework; 86 credits, GPA 3.71/4.00
- Advisor: [Kalyan Chatterjee](#)

Delhi School of Economics, University of Delhi, New Delhi

M.A., Economics — First Division 2002–2004

Ramjas College, University of Delhi, New Delhi

B.A. (Hons.), Economics — First Division 1999–2002

RESEARCH

“Timing of the Tie-Breaker” (with Sumit Goel & Nidhi Jain) [[PDF](#)] [[Video lecture](#)]

“Optimal Tie-Breaking Rules” (with Sumit Goel) [[arXiv](#)]

EDUCATIONAL MEDIA

YouTube: @econ.school 2009–Present

- Lecture series and problem-solving videos; ~9,000 subscribers

Playlists

- [Microeconomics 1: Consumer Theory](#)
- [Microeconomics 2: General Equilibrium](#)
- [Microeconomics 3: Production & Cost](#)
- [Microeconomics 4: Competitive Equilibrium](#)
- [Microeconomics 5: Monopoly](#)
- [Microeconomics 6: Static Games](#)
- [Microeconomics 7: Dynamic Games](#)
- [Microeconomics 8: Externalities](#)
- [Microeconomics 9: Public Goods](#)
- [Convexity and Optimisation Methods](#)
- [Learn Python with Probability Applications](#)
- [Learn R with Probability Applications](#)

Econ Art Book

- A 100-page collection of mathematical postcards — economic concepts rendered as visual art using TikZ; part of a broader effort to make rigorous economics more accessible and aesthetically compelling

PROFESSIONAL EXPERIENCE

Academic Specialist, NYU Abu Dhabi Jan 2025–Present

- Conducts tutorials, sets examinations, and grades assessments in undergraduate and graduate economics courses

Founder & Economics Coach, Econ School Aug 2009–Present

- Runs a rigorous preparatory programme for students targeting MA/PhD admissions at DSE, ISI, and international programmes
- Designs and delivers workshops on Python, R, and AI tools with applications in economics, mathematics, and statistics
- Maintains an active online forum for aspiring graduate students worldwide

Visiting Faculty, Ashoka University Aug 2017–Aug 2023

- Taught Statistics for Economics, Mathematics for Economics, and Machine Learning for Economics

Business Analyst, American Express May 2004–May 2005

TEACHING

Econ School

- Preparatory Programme for Higher Studies in Economics (Info) 2009–Present
- Programme in Microeconomic Theory (Info) Feb 2024–Jan 2025
- Summer School in Game Theory Summer 2022

Ashoka University

- Machine Learning for Economics Summers 2022–23; Spring 2023
- Statistics for Economics Monsoon 2017–2022
- Mathematics for Economics Springs 2018–19, 2021–22

Indian Statistical Institute

- Intensive Math Camp for incoming students Aug 2022
- Teaching Assistant, Econ 271A: Microeconomics I Fall 2010, 2011

Other Institutions

- Managerial Economics (Microeconomics) — Masters' Union Apr–May 2024
- Principles of Microeconomics — Shiv Nadar University Spring 2024
- Optimisation for Decision Making — Masters' Union Aug–Sep 2022
- Applied Microeconomics — Meghnad Desai Academy of Economics Sep 2016
- Probability and Statistics (short course) — OP Jindal University Aug 2015
- Topics in Microeconomics — Kirori Mal College, University of Delhi Nov 2009–Mar 2010

PRESENTATIONS & WORKSHOPS

- Economics, Mathematics & Statistics with R and Python — Econ School, Delhi Dec 2021–Present
- Seminars, Winter School & other events — Econ School, Delhi July 2023–Present
- Timing of the Tie-Breaker
Indian Statistical Institute, Delhi Feb 2024
Winter School, Delhi School of Economics Dec 2023
- Probability and Statistics with R
University of Delhi Oct 2019, Jan 2016
IIT Guwahati Mar 2017
- Dynamic General Equilibrium Models with Matlab (with Pawan Gopalakrishnan) — Miranda House, University of Delhi Mar 2016
- Have Patience, It's Good — Summer School on Bounded Rationality, Seoul, South Korea Aug 2013

FELLOWSHIPS & AWARDS

- Research Fellowship — Indian Statistical Institute Aug 2009–Aug 2013
- Graduate Assistantship — The Pennsylvania State University Aug 2005–Dec 2008
- Career Advancement Scholarship (National) — Delhi School of Economics Jul 2002–May 2004
- Best Student of the Year Award — Ramjas College, University of Delhi Mar 2002

LINKS

YouTube: [@econ.school](#)
Github

X
LinkedIn

StackExchange
Quora