

Sumit Goel

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Education

PhD in Social Sciences, *California Institute of Technology*, 2017-2023.

Advisor: Federico Echenique

Thesis title: Essays in mechanism design and contest theory

MS in Quantitative Economics, *Indian Statistical Institute (Delhi)*, 2015-2017.

Supervisor: Arunava Sen

BTech in Computer Science, *Delhi Technological University*, 2011-2015.

Research

Working papers

Contest design with a finite type-space: A unifying approach (with Andrzej Baranski).

Optimality of weighted contracts for multi-agent contract design with a budget (with Wade Hann-Caruthers),
Ext. Abs. in *Proc. of EC 2024*.

Optimal grading contests,
Ext. Abs. in *Proc. of EC 2023*,
R&R at *Games and Economic Behavior*.

Publications

Project selection with partially verifiable information (with Wade Hann-Caruthers),
Ext. Abs. in *Proc. of WINE 2022*,
Accepted at *Mathematical Social Sciences*.

Stable allocations in discrete exchange economies (with Federico Echenique and SangMok Lee),
Journal of Economic Theory, Volume 222, 2024.

Optimal tie-breaking rules (with Amit Goyal),
Journal of Mathematical Economics, Volume 108, 2023.

Optimality of the coordinate-wise median mechanism for strategyproof facility location in two dimensions (with Wade Hann-Caruthers),
Ext. Abs. in *Proc. of SAGT 2022*,
Social Choice and Welfare, Volume 61, 2023.

Awards

Best paper award in Winter School at Delhi School of Economics, 2022.

PIMCO graduate fellowship in Data Science, 2020.

Graduate student fellowship at Caltech, 2017,2020.

Class rank 1 in Master's programme at ISI Delhi, 2017.

Masters student fellowship at ISI Delhi, 2015-2017.

Conferences

2024: Contests: Theory and Evidence (University of Reading), Game Theory Conference (Stony Brook University), Bargaining, Markets, and Strategic Decision Making Workshop (NYU AD).

2023: EC (King's College London), Economic Theory Conference (Durham University), Contests: Theory and Evidence (University of Reading), ACEGD (ISI Delhi), Delhi Winter School (DSE).

2022: ACEGD (ISI Delhi), Delhi Winter School (DSE), SAGT (University of Essex), Asian School in Economic Theory (NUS), Contests: Theory and Evidence (University of Reading)*, Meeting of SSCW (El Colegio de México)*, SAET (Australian National University)*.

2019: Delhi Winter School (DSE).

* Participated virtually

Teaching

Instructor at NYU Abu Dhabi: Intermediate Microeconomics (ECON-UH 2010 002)

Teaching Assistant at Caltech: Econometrics (Ec 122), Introduction to Economics (Ec 11), Introduction to Finance (BEM 103), Game Theory (PS/Ec 172), Theory of Value (Ec 121a), Algorithmic Economics (CS/Ec 149).

Instructor at Econschool: Taught Mathematics to undergraduate students in India interested in pursuing higher studies in Economics.

Service

Referee: Theoretical Economics, Mathematical Social Sciences, Journal of Economic Behavior and Organization, The Economic Journal

Program Committee: WINE 2024, EAAMO 2024