

# 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*.

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

### *Publications*

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