

# 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*

TTC Domains (with Yuki Tamura).

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

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*,  
*Mathematical Social Sciences*, Volume 132, 2024.

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

2025: Asian School in Economic Theory at NYUAD.

2024: ACEGD at ISI Delhi, Economics conference at Ashoka University (invited), Winter school at DSE, Game theory conference at Stony Brook University, Contests conference at University of Reading, Workshop on Bargaining, Markets, and Strategic Decision Making at NYUAD (invited).

2023: ACEGD at ISI Delhi, Winter school at DSE, EC at King's College London, Economic theory conference at Durham University, Contests conference at University of Reading.

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

## Teaching

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

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

*Instructor at Econschool:* Mathematics for Economists.

## Service

*Referee:* Social Choice and Welfare, The Economic Journal, Journal of Economic Behavior and Organization, Mathematical Social Sciences, Theoretical Economics.

*Program Committee:* WINE 2024, EAAMO 2024.