

One Day Workshop on Game Theory and Mechanism Design

To be organized by

Department of Economics, Jamia Millia Islamia, New Delhi

Date: 2nd March, 2019

Overview

In many economic, political and social situations people makes their decision which affects the outcome for everyone concerned. The methodology which was developed to study the strategic interaction between rational decision makers is known as game theory. Formally, its foundations were laid down by a mathematician John von Neumann and an economist Oskar Morgenstern in a book, '*The Theory of Games and Economic Behaviour*' published in 1944. Since then it has been developed extensively and applied in many fields like economics, political science, computer science and biology.

One of the success stories of game theory is its application in allocation of goods and resources. Auctions and mechanism occupy the central role in allocation problems. In recent times, auctions are one of the prominent tools for the government as well as the corporations to allocate resources. Recently we have witnessed that the government used auctions to allocate spectrum licenses, coal blocks and many more.

Many corporations are earning billions of dollar using auctions for selling their online spaces to display advertisement. Dominant among them are Google and Yahoo. The websites like Ebay sells many products online through auctions.

The main objective of the workshop is

- To introduce the field of game theory and mechanism design to the master and PhD students in economics, mathematics, computer science, engineering and statistics.
- To provide an opportunity to discuss various research areas currently active in game theory so that students get motivated to embark on research in these exciting areas.

Who can Participate?

Masters or PhD students interested to participate in this workshop are requested to send their CVs to aquadir@jmi.ac.in or quadir.sanabili@gmail.com by **25th February, 2019**. Limited seats are available.

Venue:

Department of Economics, Jamia Millia Islamia, New Delhi.

Registration Fees:

There is no registration fee.

Speakers

1. **Prof. Arunava Sen**

Prof. Arunava Sen is a Professor at the [Economics and Planning Unit, Indian Statistical Institute](#), New Delhi. He received his Ph.D. in economics from Princeton University. His research largely focuses on Social choice theory, Voting, Mechanism design theory and auctions. He is the recipient of Infosys Prize.

2. **Prof. Debasis Mishra**

Prof. Debasis Mishra is a Professor at the [Economics and Planning Unit, Indian Statistical Institute](#), New Delhi. He received his Ph.D. and M.S. in Industrial Engineering from University of Wisconsin. His research largely focuses on Mechanism Design theory with applications to auction design, queuing, sequencing and scheduling situations, matching and social choice theory.

3. **Prof. Abhinash Borah**

Dr. Abhinash Borah is an Assistant Professor at the [Department of Economics, Ashoka University](#), Sonapat, Haryana. He received his Ph.D. in Economics from University of Pennsylvania. His research largely focuses on Decision theory, Economic theory, Behavioral economics, Public economics, Political economy and Welfare economics.

Abdul Quadir (Organizing Convener)

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