

DEPARTMENT OF ECONOMICS  
DELHI SCHOOL OF ECONOMICS  
UNIVERSITY OF DELHI

Minutes of Meeting

**Subject :** B.A. (Hons.) Economics, Sixth Semester – Optional Papers  
**Course :** 27 – Topics in Microeconomics - II  
**Date of Meeting :** Friday 13<sup>th</sup> December, 2013  
**Venue :** Department of Economics, Delhi School of Economics,  
University of Delhi, Delhi – 110 007  
**Chair :** Dr. U.B. Sinha

**It was decided that the reading list would be the same was offered in the previous Semester.**

**Course Description**

Game theory is an integral part of modern economic analysis. Topics in Microeconomics - I introduces the students to elementary game theory under complete information. This course introduces the basic concepts of game theory in a way that allows students to use them in solving simple problems. The course will deal with the solution concepts for normal form and extensive form games along with a variety of economic applications.

**Course Outline**

**1. Normal form games**

The normal form; dominant and dominated strategies; dominance solvability; mixed strategies; Nash equilibrium; symmetric single population games; applications.

**2. Extensive form games with perfect information**

The game tree; strategies; subgame perfection; backward induction in finite games; commitment; bargaining; other applications.

**Reading:**

1. Martin J. Osborne, *An Introduction to Game Theory*, Oxford University Press, New Delhi, 2004.

For the 100 marks paper, there would be

- 75 marks : University Exam
- 25 marks : Internal Assessment (*5 marks are for attendance and 20 marks for two class tests of 10 marks each*)

