Minutes of Meeting

Course   : 27-Topics in Microeconomics - II  
Date of Meeting : 11th January, 2017  
Venue    : Department of Economics, Delhi School of Economics, University of Delhi  
Chair   : Dr. Anirban Kar  

Attended by :  

1. Sanjeev Grewal, St. Stephens College  

Course Description  
This course deals with some advanced topics in game theory. It covers repeated games, asymmetric information games and preliminaries of evolutionary game theory. Students will learn the concepts of Bayesian, perfect Bayesian equilibrium and evolutionary equilibrium.  

Textbook  
M. J. Osborne: An introduction to Game Theory, Indian Edition  

Course Outline  
1. Repeated games: Finitely repeated games; infinitely repeated games; history dependent strategies; one-step deviation; repeated prisoners’ dilemma; folk theorem (Ch. 14 and 15)  

2. Simultaneous move game with imperfect information: Strategies; Bayesian Nash equilibrium; auction (Ch. 7 and 9)  

3. Extensive form game with imperfect information: Strategy and belief; sequential equilibrium (Ch. 10)  

4. Evolutionary games: Idea of evolutionary games; evolutionary stability; evolutionary stable strategy (Ch. 13)  

#