

ARSD College, University of Delhi

Model Course Handout/Lesson Plan

| Course Name : B.A (Economics) | | | | | | |
|-------------------------------|----------------|--|--------------------|---------------------|-------------------|---------------|
| Semester | Course Code | Course Title | Lectur e (L) | Tutoria 1 (T) | Practica 1 (P) | Credit (C) |
| III | 12271301 | INTERMEDIATE MICROECONOMICS-II | 5 | 1 | 0 | 6 |
| Teacher/Instructor(s) | | MR. RAKESH KUMAR AND MR. RANJAN SWARNKAR | | | | |
| Session | | 2022-23 | | | | |

Course Objective:

- This course is a sequel to Intermediate Microeconomics I.
- The emphasis will be on giving conceptual clarity to the student coupled with the use of mathematical tools and reasoning.
- It covers general equilibrium and welfare, imperfect markets and topics under information economics.

Course Learning Outcomes:

- This course helps the students to understand efficiency of markets and the environment where the standard market mechanism fails to generate the desirable outcomes.
- The issues of market imperfection and market failures are important building blocks of this course.

Lesson Plan:

| Unit No. | Learning Objective | Lecture No. | Topics to be covered | |
|-------------|---|----------------|--|--|
| | | 1-2 | Efficiency in Exchange | |
| 1 | General Equilibrium, Efficiency and Welfare | 3-4 | Efficiency in Production | |
| | | 5-6 | Welfare | |
| | | 7-8 | Externalities | |
| | | 9-11 | Public Goods | |
| | | 12-13 | Asymmetric Information | |
| | Strategic Form Game | 14-23 | Strategic form game with perfect information | |
| 2. | | 24-32 | Mixed strategy and Extensive form games with | |
| | with Perfect | | perfect information | |
| | Information | 33-34 | Sequential Games | |
| | | 35 | Sub-Game Perfect Equilibrium | |

| | | 36-39 | Monopoly; pricing with market power | |
|----|---|-------|-------------------------------------|--|
| 3. | Market Structure and | 40-41 | Peak-Load pricing | |
| | Game Theory | 42-43 | Two-Part tariff | |
| | Game Theory | 44 | Monopolistic competition | |
| | | 45-50 | Oligopoly | |
| | Market Failure, | 51-53 | Market Failure | |
| 4. | Externalities, Public Goods and Market with Asymmetric Information | 54-55 | Externalities | |
| | | 56-58 | Public Goods | |
| | | 59-60 | Markets with Asymmetric Information | |
| | Total | 60 | | |

Evaluation Scheme:

| No. | Component | Duration | Marks |
|-----|--------------------------|-----------|-------|
| 1 | Internal Assessment | | |
| 1. | • Class tests 2 | 1 hr each | 25 |
| | Attendance | | |
| 2. | End Semester Examination | 3 hr | 75 |

| | Details of the Course | |
|------|---|----------------------|
| Unit | Contents | Contac t Hours |
| Ι | General Equilibrium, Efficiency and Welfare Equilibrium and efficiency under pure exchange and production; overall efficiency and welfare economics | 13 |
| II | Strategic Form Game with Perfect Information Game theory and competitive strategy | 22 |
| III | <u>Market Structure and Game Theory</u> Monopoly; pricing with market power; price discrimination; peak-load pricing; two-part tariff; monopolistic competition and oligopoly | 15 |
| IV | Market Failure Market Failure, Externalities, Public Goods and Market with Asymmetric Information | 10 |
| | Total | 60 |
| | Total | 60 |

| Suggested Books: | | | | | |
|---|---|---|------------------------------------|--|--|
| Sl. No. | Na | me of Authors/Books/Publishers | Year of Publication/Rep rint | | |
| 1. | Osborne, M., An a Press. | Osborne, M., <i>An introduction to game theory</i> . Oxford University Press. | | | |
| 2. | Snyder, C., Nicholson, W. Fundamentals of microeconomics. Cengage Learning. | | 2010 | | |
| 3. | Varian, H. Intermediate microeconomics: A modern approach, 8th ed. W. W. Norton. | | 2010 | | |
| 4. | Bergstrom, T., Varian, H. Workouts in intermediate microeconomics. W. W. Norton | | 2014 | | |
| Mode of Evaluation: Internal Assessment / End Semester Exam | | | | | |