



### University of Kerala

Discipline	ECONOMICS				
Course Code	UK1DSCECO101				
Course Title	FUNDAMENTALS OF MICROECONOMICS				
Type of Course	<b>DSC</b>				
Semester	I				
Academic Level	100 - 199				
Course Details	Credit	Lecture per week	Tutorial per week	Practical per week	Total Hours/Week
	4	4 hours	-	-	4
Pre-requisites	Basic Understanding of Economics				
Course Summary	The course introduces the fundamental principles of microeconomics focusing on consumer behavior, production, costs, market structures, and welfare.				



**Detailed Syllabus:**

<b>Module</b>	<b>Unit</b>	<b>Content</b>	<b>Hrs</b>
<b>I</b>	<b>Demand, Supply, and Equilibrium</b>		<b>12</b>
	1	Definition and Scope of Microeconomics	
	2	Determinants of individual demand and supply - Law of Demand and Law of Supply	
	3	Demand schedule and supply schedule - Demand curve and supply curve	
	4	Market and Individual demand and supply - Shifts in Demand and supply curves - Market equilibrium	
	5	Elasticity of Demand; Classification of Commodities - Normal, inferior, and Giffen goods, Point and Arc Elasticity, Cross, Price and Income Elasticity of Demand -- Elasticity of Supply - Consumer surplus	
<b>II</b>	<b>Consumer Behavior</b>		<b>15</b>
	5	Cardinal utility theory - Law of diminishing marginal utility - Derivation of demand curve - Ordinal utility theory: Indifference curves and their properties - Budget line - Consumer equilibrium - Income Consumption Curve - Price Consumption Curve - Income and substitution effect	
<b>III</b>	<b>Theory of Production and Costs</b>		<b>12</b>
	9	The concepts of TR, MR, AR - Production function - Law of variable proportions, Returns to scale - Isoquants and its properties - Iso-cost lines - MRTS - Equilibrium of the producer, Constrained output maximization and Constrained cost minimization - Expansion Path. Fixed and Variable cost - AC & MC - Economies and diseconomies of scale (concepts only).	
<b>IV</b>	<b>Market Structures and Welfare Economics</b>		<b>12</b>
	18	Perfect Competition - features and assumptions - long run and short run equilibrium - Monopoly - short run and long run equilibrium - Monopoly power - Price discrimination - Social cost of monopoly. Oligopoly-features-Kinked Demand Curve- Welfare Economics- Criteria for Welfare (Pareto Criterion and Compensation Principle).	
<b>V</b>	<b>Application Sessions</b>		<b>9</b>
	23	Graphical Analysis- Demand and supply-equilibrium-shifts in demand and supply- solving simple numerical problems related to demand and supply-case studies to apply economic concepts and market structures to real-world situations.	

**Reading List**

Microeconomics Robert S. Pindyck, Daniel L. Rubinfeld & P L Mehta

C. Snyder and W Nicholson(S-N): Fundamentals of Microeconomics, Cengage Learning .2 (India), 2010, Indian Edition



Gregory Mankiw. Principles of Economics (2019), Cengage.

Samuelson, Paul A and William D Nordhaus "Economics" (18th Edition), Mc Graw Hill.

Dominic Salvatore (2011), Microeconomic Theory, Ed. 4, Schaum's Outline Series, McGraw Hill, Inc., New Delhi

#### Web Resources

1. <https://bit.ly/3vmzfdq>
2. <https://www.aeaweb.org/aej-micro/>
3. <https://microeconomicinsights.org/>
4. <https://journals.sagepub.com/home>

#### Course Outcomes

No.	Upon completion of the course, the graduate will be able to	Cognitive Level	PSO addressed
CO-1	Understand basic concepts and principles of microeconomics.	R, U	PSO-1 PO-1
CO-2	Analyze and evaluate consumer theory, production, cost, market structures, and welfare economics.	R, U, Ap, An, E	PSO-3 PO-1
CO-3	Apply economic reasoning to evaluate real-world situations and policy implications.	R, U, Ap, An, E, C	PSO-3 PO-1
CO-4	Design policy proposals (suggest policy recommendations) to address issues relating to the behaviour of consumers and producers, inefficiencies in the market, and measurement of welfare.	R, U, Ap, An, E, C	PSO 2 PO 2 PO 3

**R-Remember, U-Understand, Ap-Apply, An-Analyze, E-Evaluate, C-Create**

*Note: 1 or 2 COs/module*

**Name of the Course: Credits: 4:0:0 (Lecture: Tutorial: Practical)**

CO No.	CO	PO/ PSO	Cognitive Level	Knowledge Category	Lecture (L)/Tutorial (T)	Practical (P)



CO-1	Understand basic concepts and principles of microeconomics.	PSO-1 PO-1	R, U	F, C		
CO-2	Analyze and evaluate consumer theory, production, cost, market structures, and welfare economics.	PSO-3 PO-1	R, U, Ap, An, E	C, P		
CO-3	Apply economic reasoning to evaluate real-world situations and policy implications.	PSO-3 PO-1	R, U, Ap, An, E, C	P, M		
CO-4	Design policy proposals (suggest policy recommendations) to address issues relating to the behaviour of consumers and producers, inefficiencies in the market, and measurement of welfare.	PSO 2 PO 2 PO 3	R, U, Ap, An, E, C	P, M		

**F-Factual, C- Conceptual, P-Procedural, M-Metacognitive**

#### Mapping of COs with PSOs and POs:

CO No.	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PO1	PO2	PO3	PO4	PO5	PO6	Average
CO1	3	-	-	-	-	-	3	2	-	-	-	2	2.5
CO2	-	-	3	-	-	-	1	3	2	-	-	-	2
CO3	-	-	3	1	-	2	3	2	2	-	-	3	2.28
CO4	-	3	-	2	1	2	2	3	3	1	-	3	2.22
Average	3	3	3	1.5	1	1.67	2.75	2.25	2.5	1	0	2.5	

#### Correlation Levels:



Level	Correlation
-	Nil
1	Slightly / Low
2	Moderate / Medium
3	Substantial / High

### Assessment Rubrics:

- Quiz / Assignment/ Quiz/ Discussion / Seminar
- Midterm Exam
- Programming Assignments
- Final Exam

### Mapping of COs to Assessment Rubrics:

CO No.	Internal Exam	Assignment	Project Evaluation	End Semester Exam
CO1	✓	✓	-	✓
CO2	✓	✓	-	✓
CO3	✓	✓	✓	✓
CO4	✓	✓	✓	✓

