

Lesson Plan for BSc ECONOMICS MAJOR (ECOM)

(Semester – I)

Economics Core Course-I: ECOM-DSCC-1

Microeconomics 1

Total Marks: 100 [Theory(Th) 75 + Tutorial(Tu) 25]

Total Credits: [3(Th)+1(Tu)]=4 , No. of Lecture hours (Theory): 45, No. of Tutorial contact hours:15

UNIT	TOPIC	CLASSES	
		ALOTTED	ASSIGNED TO
I	<p>Unit 1: Exploring the subject matter of Economics</p> <ul style="list-style-type: none"> • Scope and Method of Economics: Wants, Scarcity, Competing Ends and Choice – Defining Economics, Thinking like an economist: Basic Economics Questions, Households and firms, Demand and Supply, Basic concept of Production- Production function, Definition of Average and Marginal Product, Microeconomics and Macroeconomics, Normative Economics and Positive Economics • Principles of Microeconomics – principles of individual decision making and principles of economic interactions – Introduce trade off, opportunity cost, efficiency, marginal changes and cost-benefit, trade, market economy, property rights, market failure, externality and market power. • Interdependence and the Gains from Trade- production possibilities frontier and increasing costs, absolute and comparative advantage, comparative advantage and gains from trade. 	5	MDG
II	<p>Unit 2: Utilitarian Approach</p> <p><i>(Focus on intuitive explanation and diagrams. Learning to analyze without using calculus a must)</i></p> <ul style="list-style-type: none"> • Cardinal and Ordinal Approach. • Utility in Cardinal Approach- Utility and choice, Total Utility and Marginal Utility, Utility and choice-maximization, marginal utility, theory of demand • Ordinal utility: Assumptions on preference ordering, indifference curve, marginal rate of substitution and convexity of IC, budget constraint, consumers' equilibrium-interior and corner, 	20	SL

Skill Enhancement Course I: ECOM-SEC-1

Introductory Statistics and Application 1

Total Marks: 100 [Theory(Th) 75 + Tutorial(Tu) 15]

Total Credits: [3(Th)+1(Tu)]=4 , No. of Lecture hours: 45, No. of Tutorial contact hours: 15

Unit	Topic	Classes	
		Allotted	Assigned To
1	Introduction and Overview <ul style="list-style-type: none">• Subject-matter of economics • Basic steps in Statical Methods<ul style="list-style-type: none">- Collection of Data – Primary and Secondary Sources- their comparison, methods of collection of data - Concepts- Variable and Attribute – Discrete, Continuous and Categorical Variables, complete Enumeration and Sample Survey, population and sample - Presentation of data- Textual, Tabular, Diagrammatic (line diagram, bar diagram, pie chart) - Frequency Distribution – construction of ogives, Column diagram, Frequency polygon, Histogram, Frequency Curve - Analysis of Data – Univariate and Bivariate Analysis.	10	SL

2	<p>Descriptive Statistics</p> <ul style="list-style-type: none"> • central tendency <ul style="list-style-type: none"> – Measures of central tendency for ungrouped and grouped data - arithmetic mean, geometric mean, harmonic mean, median and mode, and their properties, Quartiles, Deciles and Percentiles – Index numbers – Price index numbers- problems of Construction, methods of construction- Laspayer's , Paasche's , Fisher's Index number , Quantity Index number, Tests for index number, Fixed Base and Chain Base, Wholesale Price index number and Cost of living index, uses of index numbers • Dispersion <ul style="list-style-type: none"> – Absolute measure of Dispersion for ungrouped and ungrouped data- range, quartile deviation, mean deviation, standard deviation,- composite SD, Comparison of Different measures – Relative measures- coefficient of variation, coefficient of mean deviation, coefficient of quartile deviation – Distribution of income and wealth- Lorenz curve , Gini coefficient and Theil's index • Skewness and Kurtosis <ul style="list-style-type: none"> - Moments – central and non central- computation , conversion - Measures of Skewness – Bowley's , Quartile, moments - Measures of Kurtosis – based on moments • Bivariate Analysis <ul style="list-style-type: none"> - Bivariate data – scatter diagram, Simple correlation coefficient- computation, limitations and properties - Simple linear regression - Least squares technique- properties 	35	SC
	Tutorial [for revision, doubt clearing, solving problems]	15	SL

Lesson Plan for BSc ECONOMICS MDC (MECO)

(Semester – I)

Economics Core Course-I: MECO-CC-1/CC2

Microeconomics 1

Total Marks: 100 [Theory(Th) 75 + Tutorial(Tu) 25]

Total Credits: [3(Th)+1(Tu)]=4 , No. of Lecture hours (Theory): 45, No. of Tutorial contact hours:15

UNIT	TOPIC	CLASSES	
		ALOTTED	ASSIGNED TO
I	Unit 1: Exploring the subject matter of Economics <ul style="list-style-type: none">• Scope and Method of Economics: Wants, Scarcity, Competing Ends and Choice – Defining Economics, Thinking like an economist: Basic Economics Questions, Households and firms, Demand and Supply, Basic concept of Production- Production function, Definition of Average and Marginal Product, Microeconomics and Macroeconomics, Normative Economics and Positive Economics• Principles of Microeconomics – principles of individual decision making and principles of economic interactions – Introduce trade off, opportunity cost, efficiency, marginal changes and cost-benefit, trade, market economy, property rights, market failure, externality and market power.• Interdependence and the Gains from Trade- production possibilities frontier and increasing costs, absolute and comparative advantage, comparative advantage and gains from trade.	5	MDG
II	Unit 2: Utilitarian Approach <i>(Focus on intuitive explanation and diagrams. Learning to analyze without using calculus a must)</i> <ul style="list-style-type: none">• Cardinal and Ordinal Approach.• Utility in Cardinal Approach- Utility and choice, Total Utility and Marginal Utility, Utility and choice-maximization, marginal utility, theory of demand	20	SL

Skill Enhancement Course I: MECO-SEC-1

Entrepreneurship and Development

Total Marks: 100 [Theory(Th) 75 + Tutorial(Tu) 25]

Total Credits: [3(Th)+1(Tu)]=4 , No. of Lecture hours (Theory): 45, No. of Tutorial contact hours:15

Unit	Topic	Classes	
		Allotted	Assigned To
1	Basic issues of Entrepreneurship and Economic Development	15	SC
2	financial resources for new venture of an entrepreneur	10	SC
3	Growth strategies in small business	10	SC
4	Sickness in small business	10	SD
	Tutorial [for revision, doubt clearing, solving problems]	15	SC+SD