

2	<p>Production and Costs</p> <ul style="list-style-type: none"> • Technology – general concept of Production Function, production with one and two variable inputs, total average and marginal products, short run and long run, returns to factor and returns to scale, Isoquants, marginal rate of technical substitution, isocost line and firm's equilibrium-, cost minimization and expansion path and ridge lines, elasticity of substitution • Types of production functions- Cobb-Douglas, fixed-coefficient and CES functions • Cost structure- implicit cost, explicit cost, accounting cost, sunk cost, economic cost, fixed cost, variable cost, total, average and marginal cost. Determinants of short run cost, cost curves, short versus long run cost curves, economies of scale. 	13	SC
3	<p>The Firm and Perfect Market Structure</p> <ul style="list-style-type: none"> • Organization, Firms and Profit Maximization • Relationship among total revenue , average revenue and marginal revenue and price elasticity of demand • Marginal Revenue, Marginal Cost and Profit Maximization • Perfect competition- short run competitive equilibrium of the firm, short run supply curve of firm and industry, Output choice and competitive equilibrium in long run, Economic rent and profit, long-run industry supply- constant, increasing and decreasing cost. • Consumers and Producers surplus, Government intervention and Dead weight loss , Price ceiling and price floors. • Tax and market adjustment ; Elasticity and Tax incidence 	10	SL
4	<p>Input Market in Perfect Competition</p> <ul style="list-style-type: none"> • Basic concepts- derived demand, productivity of an input, marginal product of an input, marginal revenue product • Marginal productivity theory of distribution • Labor market-supply of labour, competitive labour markets • Land markets and rent – Ricardian Theory and Modern theory 	8	MDG
	Tutorial	15	SC

Economics Core Course-4: ECOM-DSCC-4

Development Economics I

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	Introduction to development Economics <ul style="list-style-type: none">• Definition and Scope of development• Growth vs Development – goals and Indicator- HDI• Income Approach and Capability Approach,• international comparisons – challenge and opportunities in developing economies	9	SD
2	Poverty and Inequality and Development <ul style="list-style-type: none">• Income Inequality and wealth Distribution- a comparison of commonly used inequality measures. (Lorenz curve and Gini Coefficient)• Gender Inequality, connections between inequality and development, Gender Inequality Index• Poverty measurement, poverty line, HPI; MPI, poverty traps , Vicious Circle of Poverty Hypothesis	12	SL

3	<p>Dual Economy Models</p> <ul style="list-style-type: none"> • The concept of surplus labour and disguised unemployment • Peasants and Dualism with and without surplus labour • Lewis model of Economic Development with unlimited supply of labour • Balanced vs. Unbalanced Growth Theories • Choice of Techniques 	12	SD
4	<p>Financial Inclusion and Development</p> <ul style="list-style-type: none"> • Financial Inclusion and its impact on economic development • access to credit and financial services in Rural areas- microfinance and its role in poverty alleviation • Role of banks and financial Institutions in promoting Development • Objective and Functions of IMF , WTO, World Bank 	12	MDG and IL
	Tutorial	15	SD

Economics SEC Course-4: ECOM-SEC-3

Data analysis and Research Methodology

Total Marks: 100 [Theory(Th) 50 + Practical(P) 25]

Total Credits: [2(Th)+2(Tu)]=4, No. of Lecture hours (Theory): 30, No. of Practical hours:30

Unit	Topic	Classes	
		Allotted	Assigned To
1	Methodologies of collection of data <ul style="list-style-type: none">• complete enumeration vs sample survey• sampling techniques• Practical methods of drawing random sample using random number table• Preparation of questionnaire	5	SC
2	Recording and validation of data <ul style="list-style-type: none">• recording of data after completion of survey• Tabular representation of data collected• cross checking of data after tabular representation	5	SC
3	Elementary of Report Writing <ul style="list-style-type: none">• basic issues – theme based literature survey , motivation and objective of study – development of writing skill• methodological issues• use of various measures of statistics in analysing the result• Insertion of footnotes• preparation of Bibliography	5	SC
4	Basics of Power Query in MS Excel , Power BI	15	SL + SC

	Practical – sample survey , data collection , report writing , dynamic dashboard	15	SD
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Lesson Plan for BSc ECONOMICS MDC (MECO)

(Semester – III)

Economics Core Course: MECO-CC1/CC2 (MDC)

Development Economics I

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	Introduction to development Economics <ul style="list-style-type: none"> • Definition and Scope of development • Growth vs Development – goals and Indicator- HDI • Income Approach and Capability Approach, • international comparisons – challenge and opportunities in developing economies 	9	SD

2	<p>Poverty and Inequality and Development</p> <ul style="list-style-type: none"> • Income Inequality and wealth Distribution- a comparison of commonly used inequality measures. (Lorenz curve and Gini Coefficient) • Gender Inequality, connections between inequality and development, Gender Inequality Index • Poverty measurement, poverty line, HPI; MPI, poverty traps , Vicious Circle of Poverty Hypothesis 	12	SL
3	<p>Dual Economy Models</p> <ul style="list-style-type: none"> • The concept of surplus labour and disguised unemployment • Peasants and Dualism with and without surplus labour • Lewis model of Economic Development with unlimited supply of labour • Balanced vs. Unbalanced Growth Theories • Choice of Techniques 	12	SD
4	<p>Financial Inclusion and Development</p> <ul style="list-style-type: none"> • Financial Inclusion and its impact on economic development • access to credit and financial services in Rural areas- microfinance and its role in poverty alleviation • Role of banks and financial Institutions in promoting Development • Objective and Functions of IMF , WTO, World Bank 	12	MDG and IL
	Tutorial	15	SD

Lesson Plan for BSc ECONOMICS MINOR (MECO)

(Semester – III)

Economics Core Course-I: MECO-MN3

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

	<ul style="list-style-type: none"> Income and Cross Price Elasticity Applications: Case studies – OPEC and Oil Price, Illegal Drugs 		
	TUTORIAL	15	SD,SL, MDG

Lesson Plan for BSc ECONOMICS IDC (ECOD)

Unit	Topic	Classes	
		Allotted	Assigned To
1	Elementary Microeconomic concept <ul style="list-style-type: none"> Theory of Demand, Supply Elasticities of Demand and Supply Theories of Production and cost revenue and types of markets 	10	SD
2	Elementary Macroeconomic concept <ul style="list-style-type: none"> National Income Accounting Money and Banking Inflation Fiscal and Monetary policy International trade and contemporary issues- BOP, IMF, WTO , Exchange rates - PPP 	10	SD

3	Elementary Economic Development concept <ul style="list-style-type: none"> • Growth vs Development • Development Indicators- HDI, GDI, MPI, GINI • Sustainable development – goals 	5	SD
4	Elementary concept of Indian Economy <ul style="list-style-type: none"> • Economic reform in india • NITI AYOOG – structure and objectives 	5	SD
	Tutorial	15	SD