



Integral University, Lucknow

Effective from Session: 2020-21				
Course Code	HE401	Title of the Course	Micro Economics	L T P C
Year	I st	Semester	I st	3 1 0 4
Pre-Requisite	Graduation	Co-requisite	None	
Course Objectives	It provides theoretical tools to analyze real/practical market situations. It develops an advanced theoretical understanding of consumer behavior and decision-making.			

Course Outcomes

CO1	To understand the concepts of consumer behavior like cardinal utility and ordinal utility analysis, application of Indifference curve and advanced demand analysis.
CO2	To understand the theory of production, iso-quants, laws of returns to scale, and types of the production function.
CO3	To understand and compare the traditional and modern theories of cost.
CO4	To acquaint the decision-making process in different market situations such as perfect competition, monopolistic competition, monopoly, and oligopoly markets.
CO5	To know about old and new welfare economics

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Consumer Behaviors	Measurement of Utility, Cardinal vs. Ordinal Approaches, Indirect Utility Function, Roy's Identity, Shephers Lemma, Theory of Revealed Preference and logic of Ordering; Strong and weak Ordering and theory of Demand; Hicks Revision of Demand theory and characteristics approach to Demand composite commodity theorem.	12	CO1
2	Theory of Production	Production Function of a Single and Multi-Product Firm, Technological Progress and Production Function, Choice of Optimal Input Combinations, Types of Production Function: Cobb-Douglas, CES, and Translog Production Function.	12	CO2
3	Cost Function	Meaning and Types of Cost, Traditional and Modern Theory of Cost, Shapes of Cost Curves, Analysis of Economies of Scale. Derivation of Cost Function from Production Function.	12	CO3
4	Markets Form and Pricing of Product	Types of Market Situations, Relationship between Perfect and Monopoly Situation, Duopoly Market Situation, Cournot's, Stackelberg, Edgeworth and Bertrand Models, Monopolistic Competition: Characteristics, Price and Non-Price Competition.	12	CO4
5	Welfare Economics	Old Welfare Economics: Marshall and Pigou, Pareto and Welfare Economics: Criteria and Optimality, Compensation Principle: Hicks, Kaldor and Scitovsky, Social Welfare Function: Bergson and Samuelson, Arrow on Social Choice and Individual Values.	12	CO5

Reference Books:

Ahuja, H.L. (2013): Advanced Economic Theory", Chand & Company. Shastri, Rahul. A (1999): Microeconomics", Orient Blackswan.
A. Koutsoyiannis: Modern Microeconomics.
Andrew. Mas-Colel, Michael Dennis Whinston, Jerry R. Green: Micro Economics.
David Krepps: A course in Micro Economics Theory.

e-Learning Source:

<https://swayam.gov.in/>
<http://www.ignouhelp.in/ignou-study-material/>

Course Articulation Matrix: (Mapping of COs with POs and PSOs)

PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	3	2	3	1	2	2	3	3	3	2	1	2	3	3	3	3
CO2	3	3	3	2	2	2	3	3	3	1	2	2	3	3	3	3
CO3	3	2	3	2	3	1	2	2	2	2	1	2	3	3	3	3
CO4	3	3	3	2	3	2	1	3	2	2	1	2	3	3	3	3
CO5	3	3	3	1	2	1	1	3	2	1	2	2	3	3	3	3

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

<p align="center"><i>Dr. Rashmi Shukla</i> <u>Rashmi Shukla</u> Name & Sign of Program Coordinator</p>	<p align="center"><i>Xeba Anil</i> Head Humanities & Social Science Sign & Seal of HoD Integral University, Lucknow</p>
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Integral University, Lucknow

Effective from Session: 2020-21				
Course Code	HE402	Title of the Course	International Economics	
Year	I st	Semester	I st	
Pre-Requisite	Graduation	Co-requisite	None	
Course Objectives	This course has become even more relevant with rising globalization and liberalization both in the North and in the South. This course aims to provide a deep understanding of the broad principles and theories, which tend to govern the free flow of international trade, and the movement of capital and labor is a major determinant of development and change at the global level.			

Course Outcomes	
CO1	Conceptually explain and understand the various constituents of the business environment and their impact on businesses in general.
CO2	Conceptually explain and apply the trade theories, investment theories, exchange rate theories, and regional trading bloc theories and their impact on economic welfare and businesses.
CO3	Apply and analyze the different exchange rate regimes' impact on businesses in general and the energy sector.
CO4	Analyze and integrate the opening up economies of developing countries like India through RTB and multilateral route (WTO) and their impacts on Businesses in general and the energy sector.
CO5	Integrate all constituents of the environment and their impact on decisions about finalizing the location of the business in other countries.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Theories of International Trade	Classical Theories of trade, Opportunity costs and trade theories, Empirical testing of the theory of comparative cost. Heckscher-Ohlin theory, Theorem of factor price equalization, Leontief's paradox, Rybczynski theorem, Stolper Samuelson theorem, Kravis and Linder theory, Imitation gap theory, and Product cycle theory.	12	CO1
2	Measurement and gains from trade	International trade and growth, Measurement of gains from trade and their distribution, Offer Curves and Theory of Reciprocal demand, Terms of trade-concept, uses and limitations, Hypothesis of secular deterioration of terms of trade, Immiserising growth, Mill-Bastable Test, Technical Progress and international trade.	12	CO2
3	Balance of Payment	The Current Account Capital Account; Balance of Payment equilibrium and disequilibrium, Adjustment Mechanism in the Balance of Payments – Direct and Indirect mechanisms; Mundell- Fleming model, Marshall- Lerner condition, Depreciation, and Devaluation, J curve, Announcement effect.	12	CO3
4	Foreign exchange markets and exchange rates	Flexible and fixed exchange rates, spot, forward rates, Pegged and Hybrid exchange rates, foreign exchange risks and hedging and market, interest arbitrage and efficiency of foreign exchange markets; exchange rate determination: purchasing power parity. Foreign trade multiplier, Crisis, exchange rate, Currency convertibility	12	CO4
5	Contemporary issues in International Trade	East Asian crisis, Global Meltdown, BREXIT, Trade war	12	CO5

Reference Books:

- Bhagwati, J., International Trade, Selected Readings, Cambridge University Press.
 Dominick Salvatore, International Economics: Trade and Finance, John Wiley International Student Edition.
 Paul Krugman, Maurice Obstfeld, and Marc Melitz, International Economics: Theory and Policy, Addison-Wesley.
 Soderston, Bo., International Economics, Macmillan Press Ltd.

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CO1	3	1	2	1	1	2	2	3	1	2	1	1	2	2	2	2
CO2	2	2	1	2	2	1	1	2	2	1	2	2	1	1	1	1
CO3	3	2	1	3	1	2	2	3	2	1	3	1	2	2	2	2
CO4	3	2	2	2	2	1	1	3	2	2	2	2	1	1	1	1
CO5	2	1	2	3	1	1	1	2	1	2	3	1	1	1	1	1

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<p align="center"><i>Dr. Rashmi Shukla</i> Rashmi Shukla Name & Sign of Program Coordinator</p>	<p align="center"><i>Zeba Agni</i> Zeba Agni Sign & Seal of HoD Humanities & Social Science Integral University, Lucknow</p>
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Integral University, Lucknow

Effective from Session: 2020-21							
Course Code	MT404	Title of the Course	Concept of Applied Statistics	L	T	P	C
Year	I st	Semester	I st	3	1	0	4
Pre-Requisite	Graduation	Co-requisite	None				
Course Objectives	The main objective is to equip the students with the various economic issues that they are expected to face as managers at the firm level.						

Course Outcomes	
CO1	To demonstrate and understand the quantitative approach of mathematical and statistical analysis.
CO2	To demonstrate and understand the matrices and calculus concepts.
CO3	To understand the knowledge of central tendency.
CO4	To understand the concept of probability with its laws and principles.
CO5	To demonstrate and implicated the decision theory and index number.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Introduction	Discrete and continuous data, graphical representation of grouped data: Bar diagram, histogram, and pie chart. Concept of central tendency and its measures: Mean, Median, Mode, Geometric and Harmonic mean, partition values, Dispersion and its measures: Range, Quartile deviation, Mean deviation, Standard deviation and Coefficient of variation, moments, skewness, kurtosis and its measures.	12	CO1
2	Methods of Mean	Scatter diagram, Karl Pearson's and Spearman's rank correlation coefficients, coefficient of determination, correlation ratio, the principle of least squares, fitting of linear regression and related results, partial and multiple correlations of three variables, their measures, and their results.	12	CO2
3	Probability	Random experiment, events, mutually exclusive and disjoint events, trial, sample space, the definition of probability, addition and multiplication theorem, independent events, conditional probability, Bayes theorem (without proof), and its applications. Probability distribution: Binomial, Poisson, and normal distributions.	12	CO3
4	Time series analysis	Index numbers: Types of methods of their constructions (Weighted & Unweighted), Components of time series, Additive and multiplicative models, Fitting of the trend by Freehand method, semi-average method, Moving averages, and the principle of least squares. Seasonal variations calculation and uses, Simple averages, ratio to trend methods.	12	CO4
5	Data test methods	Test of Significance: Sample and hypothesis, Null and alternative hypothesis, critical region, Type I & Type II errors, level of significance and power of a test, Large and small sample test: Z, t, Chi-square, F tests and Analysis of variance: one way and two-way classifications.	12	CO5

Reference Books:

Goom A.M., Gupta M.K. and Das Gupta B.(1991): Fundamental of Statistics, Vol. I, World Press, Calcutta.

Rohtagi, V.K.(1967): An Introduction to Probability and Statistics.

Hogg R.V. and Craig A.T. (1972): Introduction to Mathematical Statistics, Amerind Publishing Co.

e-Learning Source:

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Course Articulation Matrix: (Mapping of COs with POs and PSOs)																
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CO2	2	1	2	2	1	2	1	3	1	2	2	2	1	1	1	2
CO3	2	2	1	3	1	2	1	2	2	1	3	1	2	2	2	1
CO4	2	2	1	2	1	1	2	2	2	1	2	2	1	2	1	2
CO5	3	1	2	3	1	2	1	2	1	2	1	1	2	1	2	2

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<p align="center"><i>Dr. Rashmi Shukla</i> <i>Rashmi Shukla</i></p> <p align="center">Name & Sign of Program Coordinator</p>	<p align="center"><i>Am</i></p> <p align="center">Sign & Seal of HoD</p>
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Integral University, Lucknow



Integral University, Lucknow

Effective from Session: 2020-21							
Course Code	BM402	Title of the Course	Managerial Economics	L	T	P	C
Year	I st	Semester	I st	3	1	0	4
Pre-Requisite	Graduation	Co-requisite	None				
Course Objectives	The main objective is to equip the students with the various economic issues that they are expected to face as managers at the firm level.						

Course Outcomes	
CO1	To demonstrate an understanding of the concepts, nature, and scope of managerial Economics, apply decision making and analyze and evaluate principle opportunity cost.
CO2	To demonstrate the understanding, analysis, and evaluation of the theory of demand and consumer behavior.
CO3	To demonstrate the understanding, analysis, and evaluation of laws of production and behavior of cost and decision making.
CO4	To demonstrate the understanding, analysis, and evaluation of market structures and demand pricing decisions.
CO5	To demonstrate the understanding, analysis, and evaluation of national income, inflation, and monetary and fiscal policies in real-world situations and business cycles in the open economy.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Introduction	Importance, Nature, Scope, and role of Managerial Economics in decision making, Objectives of Business Firms, profits as Business objective- Accounting Vs. Economic profit.	12	CO1
2	Theory of Demand and Supply	Analysis of Individual Demand, Meaning of demand, Consumer demand-cardinal and ordinal utility, Derivation of the individual demand curve, Analysis of market demand, Meaning, types and determinants of demand and Demand function, Elasticity of demand - Price, Income, Cross and Advertising elasticity of demand, Concept of Supply & Elasticity of supply	12	CO2
3	Theory of Production	Theory of production, Law of Variable proportions, Cobb-Douglas Production Function, Isoquant and Iso-cost curve analysis, factor productivity & return to scale, Economies of Scale, Cost concepts, Theory of cost- the cost output relationship in the short run and long run, Concepts of Break-even analysis, marginal and incremental analysis.	12	CO3
4	Markets Structure and Pricing Theory	Pricing under different demands conditions: Perfect competition, Monopoly, monopolistic and Oligopoly, Kinked demand curve, Cournot's model, Cartels, and Price Discriminations.	12	CO4
5	Macro-Economic Concept	Concept of GDP, National Income Measurement - Net Output Method, Factor Income Method, Expenditure Method, Business Cycles-types and phenomenon, Inflation- Concept and Importance, Monetary approach, Concepts of CPI and WPI.	12	CO5

Reference Books:

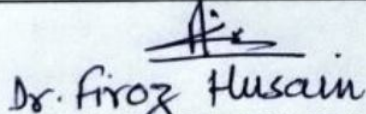

- Dobbs, I. M., Managerial Economics, Oxford: Oxford University Press, 2000
- Dwivedi, D.N., Managerial Economics, Vikas Publishing House Pvt. Ltd., 2009
- Mansfield, E., Managerial economics - Theory, Application and cases, New York, 1996
- Salvatore, D., Managerial Economics in Global Economy, 4th ed., Thompson - South- Western, 2001

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PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
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CO2	2	1	2	2	1	2	1	3	1	2	2	2	2	1	1	1
CO3	3	1	1	3	2	2	1	3	2	1	3	1	2	1	2	1
CO4	2	2	1	2	1	1	2	2	2	2	3	2	1	2	2	2
CO5	3	1	2	3	1	2	1	2	1	2	1	1	2	1	2	2

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

 Dr. Firoz Husain Name & Sign of Program Coordinator	 Sign & Seal of HoD
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Integral University, Lucknow

Effective from Session: 2020-21							
Course Code	HE403	Title of the Course	Environmental Economics	L	T	P	C
Year	I st	Semester	I st	3	1	0	4
Pre-Requisite	Graduation	Co-requisite	None				
Course Objectives	Students will come to know about the relevance of environmental economics and how markets allocate goods & how sometimes markets fail to allocate environmental resources optimally and they will come to know how sustainable development of the economy can be attained.						

Course Outcomes	
CO1	To understand the basics of environment and environmental economics.
CO2	To find out the relation between environment, ecology, and ecosystem.
CO3	To study the techniques used for the valuation of environmental quality.
CO4	To evaluate the sustainability aspect associated with natural resources.
CO5	To find out the interaction between the environment and various sectors.

Unit No.	Content of Unit	Contact Hrs.	Mapped CO
1	Introduction, Nature, Scope and Methodological Issues in Environmental Economics, Institutions, and Environmental Governance, Relation between development and environmental stress; Environmental Kuznets's Curve, Impact of Human Activity on Environment, Carbon Trading and Offset.	12	CO1
2	Environment and Eco-system, Ecology and Economics, Economy-Ecology-Environment Interaction; Conflicting Paradigms, The Material Balance Principle: Ecological Concern in the evolution of Economic thought, Entropy Law	12	CO2
3	Economics of Exhaustible Resources: Hotelling's rule; Solow-Harwick's Rule; Market structure and optimal extraction policy; Uncertainty and the rate of resource extraction; Resource scarcity, Economics of Renewable Resources; Economic Models of forestry and fisheries; Extinction of species; Economics of Biodiversity and Ecotourism (Travel Cost Method, Hedonic, etc)	12	CO3
4	Sustainable Economic Growth and Development: An Economists perspective, Rules of Sustainable Development, Indicators of Sustainable Development, Measuring Sustainable Development, Sustainable Accounting, Political Economy and Sustainable Development, Participatory Institutions, and Environmental Governance, Environmental Accounting	12	CO4
5	Infrastructure and Environment, Trade and Environment, Agriculture and Environment, Industry and Environment, Services Sector and Environment, Economics of Pollution (Air, Water, Solid Waste, etc), Pollution Management, Waste Management, Urban and Rural Environmental Problems	12	CO5
Reference Books:			

C.D. Kolstad: Environmental Economics.

R.N. Bhattacharya: Environmental Economics.

U. Sankar: Environmental Economics.

N. Hanley, Shogren, B. White: Introduction to Environmental Economics

Haab and Whitehead: Environmental and Natural resource economics.

David. A. Anderson: Environmental Economics and Natural resource.

e-Learning Source:

<https://ocw.mit.edu/courses/14-42-environmental-policy-and-economics-spring-2011/>

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	3	3	3	2	1	1	1	3	3	3	2	2	1	1	1	2
CO2	3	3	3	3	2	2	2	3	2	2	2	2	1	1	1	2
CO3	3	3	3	2	2	3	2	3	2	2	2	2	1	1	1	2
CO4	3	3	3	2	2	3	2	3	2	1	2	3	1	1	1	2
CO5	3	3	3	2	2	3	2	3	2	1	3	3	1	1	1	2

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

 Dr. Rashmi Shukla Name & Sign of Program Coordinator	 Zeba Anil Head Sign & Seal of HoD Humanities & Social Sciences Integral University, Lucknow
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Effective from Session: 2020-21							
Course Code	HE404	Title of the Course	Agricultural Economics	L	T	P	C
Year	I st	Semester	I st	3	1	0	4
Pre-Requisite	Graduation	Co-requisite	None				
Course Objectives	To provide a detailed understanding regarding the issues in agricultural economics to those intending to specialize in this area. To familiarize students with policy issues that are relevant to agricultural economics and enable them to analyze these issues.						

Course Outcomes	
CO1	To understand the different approaches to agriculture development and problems of Indian agriculture.
CO2	To know about various means of agricultural marketing and Indian agricultural price policy.
CO3	To acquaint the student with agricultural development during five-year plans and the role of technical change in agriculture.
CO4	To know about sustainable farming, its superiority over conventional farming, and the green revolution.
CO5	To familiarize current issues in Indian agriculture.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Agriculture and Economic Development	Inter-relationship between Agriculture and Industry, Approaches to Agriculture Development- Schultz, Mellor, Boserup, Lewis, and Ranis -Fei, Inter-Regional Disparities in the growth of output and productivity in Indian agriculture, Problems of Indian Agriculture	12	CO1
2	Marketing Structure	Agricultural Marketing, E-NAM, Price Spread, Behaviors of agricultural Prices, Marketed and marketable Surplus, Terms of Trade between agriculture and Industry - their impact on agriculture and change since Independence, Price trends, Role of Subsidies, Agricultural Price Policy in India, Cobweb theorem.	12	CO2
3	The strategy of Agricultural growth and Technological Progress	Agricultural development under Five-year Planning, Capital formation in Indian Agriculture, Public and Private investment, Type and Measurement of technical changes, Nature and Pattern of technical change, Agricultural production function, farm size, and Measures of Farm Efficiency.	12	CO3
4	Green Revolution	Land Reforms, Green Revolution, Conventional farming to Sustainable farming, Approaches to Sustainable Agriculture, Growth and composition of output in agricultural and allied activities in India. Trends in overall agricultural growth as well as of Pulses, Food, and Non-food item. Demand and supply of agricultural commodities including plantation and Horticultural Produce. Demand availability and prospects of livestock, Poultry, and Fishery in India.	12	CO4
5	Other Issues	Current issues in Indian Agriculture, Pattern of change in Exports and imports of agricultural commodities, Composition of Exports and imports of agricultural commodities and recent trends, WTO, Agreement on Agriculture – Tariffication, AMS, Export subsidies, Market Access Clause, Safeguard Provisions, Sanitary and Phytosanitary Measures.	12	CO5

Reference Books:

Alag Y.K. Globalisation and Agriculture Crisis in India, Deep and Deep Publications.
 Kumar. Sanjeev. Crop Diversification and Food Security in India, Mittal Publications
 Mellor, John, Agricultural Development and Economic Transformation, Palgrave Macmillan.
 Bilgrami S. A.R. An Introduction to Agricultural Economics, Himalaya Publishing House.

e-Learning Source:

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CO1	3	2	3	1	2	2	2	3	3	2	1	2	3	3	2	3
CO2	3	3	3	2	2	2	3	3	3	1	2	2	3	3	1	3
CO3	3	2	3	2	3	1	2	2	2	2	1	2	2	3	2	3
CO4	3	3	3	3	3	2	1	3	2	2	1	2	2	3	1	3
CO5	3	3	3	1	2	1	1	3	2	1	2	2	2	3	2	3

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Integral University, Lucknow

Effective from Session: 2020-21						
Course Code	HE405	Title of the Course	Gender Economics	L	T	P
Year	I st	Semester	I st	3	1	0
Pre-Requisite	Graduation	Co-requisite	None			4
Course Objectives	To introduce students to the discipline of gender studies and its specific purposes and perspectives and to understand the basic concepts of Gender Studies					

Course Outcomes	
CO1	Demonstrate a general understanding of the theoretical debates surrounding the construction of gender and gender relations in the discipline of economics.
CO2	Demonstrate an understanding of the theory of feminist economics and the challenges it poses to theories of economic development.
CO3	Thoroughly understand common economic problems in developing countries and how they affect different groups in society.
CO4	The student will be able to interpret and be able to compare different measures and indicators of development and gender equality.
CO5	Be able to critically discuss and assess the relevance of different policy measures from a theoretical and empirical perspective.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Defining Gender	Difference between Gender and Sex, Types of Gender, Patriarchy, Gender Stereotypes, From Women's Studies to Gender Studies: A Paradigm Shift, Waves of Feminism, GDI, GEM, GNI, Gendered Social Movements, International Initiatives for Women Development.	12	CO1
2	Approaches to Gender	Pre and Post- Colonial Feminism, Capability approach, Approaches to Women and development (WIN, WAD, GAD), Inter-sectionality.	12	CO2
3	Women and Health	Reproductive Health, Family planning, New Reproductive Technology, Maternal Health, Violence against women, and Mental health.	12	CO3
4	Women and Work	Women in primary, secondary, and tertiary sectors, Gender Gap in access to Resources and Control over Economic Resources, Gender Discrimination, Impact of gender equality on economic development, Marginalization and Glass Ceiling, and Gender issues at the workplace.	12	CO4
5	Contemporary Issues	Women and Planning, Gender Budgeting, Gender Mainstreaming, Migration and Displacement of women, Women in Discourse.	12	CO5

Reference Books:

Agarwal Bina, Gender Challenges, Oxford University Press.
 Ahlawat Neerja, Gender Discrimination and Development Paradox, Rawat Publications, Jaipur.
 Bosserup Ester, Women's Role in Economic Development, George Allen and Unwin, Routledge.
 Chattopadhyay S.K., Gender Socialization and the Making of Gender in the Indian Context, Sage.
 Chowdhry Prem, Understanding Women's Land Rights: Gender Discrimination in Ownership, Sage.

e-Learning Source:

<http://www.ignouhelp.in/ignou-study-material/>

Course Articulation Matrix: (Mapping of COs with POs and PSOs)

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CO4	2	2	1	3	1	1	2	2	2	2	3	2	1	2	2	2
CO5	3	1	2	3	1	2	1	2	2	2	2	1	1	1	1	2

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Integral University, Lucknow

Effective from Session: 2020-21

Course Code	HE406	Title of the Course	Principles of Economics	L	T	P	C
Year	I st	Semester	I st	3	1	0	4
Pre-Requisite	Graduation	Co-requisite	None				
Course Objectives	The purpose of this course is to give students an introduction to modern micro and macro-economic theory.						

Course Outcomes

CO1	Identify the determinants of supply and demand; demonstrate the impact of shifts in both market supply and demand curves on equilibrium price and output.
CO2	Calculate and graph the short-run and long-run costs of production, and supply and demand elasticities. Determine the roles that prices and markets play in organizing and directing economic activity.
CO3	The student will be able to understand the basic concept of macroeconomics and its impact on the macro-economy.
CO4	Examine and interpret a nation's economic performance indicators such as economic growth, unemployment, and inflation from a macroeconomic perspective.
CO5	Articulate the mechanics and institutions of international trade and their impact on the macro economy.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Introductory Microeconomics	Basic Concepts Definition and scope of Economics Determinants of demand and supply. Equilibrium, the elasticity of demand and its measurement. Utility, Gossen's laws, Consumer's equilibrium.	12	CO1
2	Production function & Market Equilibrium	Production function: short and long term. Cost curves: short run and long run. Revenue curves. Equilibrium, of the firm. Types of Markets: perfect competition, Monopoly, Monopolistic competition, and oligopoly.	12	CO2
3	Introductory Macro-economics	Macroeconomic perspective, GDP and its measurement. Economic growth and welfare. Capitalist, socialist, and mixed Economy Public goods, Public expenditure, Taxation, and Public Debt. Fiscal Policy.	12	CO3
4	Macro-economy	Unemployment: Classical Vs. Keynesian Views. Aggregate supply – aggregate demand model. Money, Banking and monetary policy Business Cycles, inflation and stagflation International Trade and capital flows. Free trade Vs. Protectionism. Exchange rate.	12	CO4
5	Indian Economy	The slowdown in the Indian Economy, Predatory Pricing in the telecom sector, and the risk of rising monopolies. Deteriorating trade relations in the world economy and other contemporary issues.	12	CO5

Reference Books:

Paul A Samuelson, William D. Nordhaus: Economics McGraw- Hill India.

Michael Parkin- Economics, Global edition, Pearson.

Hal R. Varian Microeconomics Analysis: W.W. Norton, New York.

A. Koutsoyiannis: Modern Microeconomics, Mac Millan Press Ltd. London.

e-Learning Source:

<http://www.ignouhelp.in/ignou-study-material/>

Course Articulation Matrix: (Mapping of COs with POs and PSOs)

PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	3	2	1	1	1	2	2	3	2	2	1	1	2	2	1	2
CO2	2	1	2	2	2	1	1	3	1	2	2	1	2	1	2	1
CO3	3	2	1	3	1	2	1	2	1	1	2	2	1	1	2	1
CO4	3	2	2	3	1	1	2	3	2	2	3	1	1	2	1	2
CO5	2	1	2	3	2	1	1	3	1	1	2	1	2	1	1	1

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

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