GOVERNMENT ARTS COLLEGE (AUTONOMOUS), KUMBAKONAM.

Course Structure Under CBCS for M.A. ECONOMICS (2023 - 2024 Onwards)

SEM	COURSE	Credits	Hours/ week	Marks Int.	Marks Ext.	Total
I	Core Course – I (CC)-Advanced Micro Economics-I	5	6	25	75	100
	Core Course – II (CC)-Modern Macro Economics-I	5	6	25	75	100
	Core Course – III (CC)-Indian Economic Development and Policy	4	6	25	75	100
	Elective – I-Rural Economics	3	6	25	75	100
	Elective – II-Regional Economics	3	6	25	75	100
Total		**20**	**30**	**Total Marks**		**500**
II	Core Course – IV (CC) -Advanced Micro Economics-II	5	6	25	75	100
	Core Course – V (CC) -Modern Macro Economics-II	5	6	25	75	100
	Core Course – VI (CC)-Labour Economics	4	5	25	75	100
	Elective – III-Statistical Methods for Economics	3	6	25	75	100
	Elective – IV-Resource Economics	3	4	25	75	100
	Skill Enhancement Course SEC-I- Managerial Skills	2	3	25	75	100
Total		**22**	**30**	**Total Marks**		**600**

SEMESTER	COURSE	CREDITS	HOURS/WEEK	MARKS		TOTAL
				INTERNAL	EXTERNAL	
III	Core Course – VII (CC)-RESEARCH METHODOLOGY	5	6	25	75	100
	Core Course – VIII (CC)-INTERNATIONAL ECONOMICS	5	6	25	75	100
	Core Course – IX (CC)-MATHEMATICAL METHODS FOR ECONOMICS	5	6	25	75	100
	Core Course – X (CC) / Industrial Module-INDUSTRIAL ECONOMICS	4	6	25	75	100
	Elective - V-COMPUTER APPLICATIONS IN ECONOMICS	3	3	25	75	100
	Skill Enhancement Course SEC - II-LEADERSHIP QUALITY AND DEVELOPMENT	2	3	25	75	100
	Internship/ Industrial Activity	2				
Total		**26**	**30**	**Total Marks**		**600**
IV	Core Course – XI (CC)-AGRICULTURAL ECONOMICS	5	6	25	75	100
	Core Course – XII (CC)-PUBLIC ECONOMICS	5	6	25	75	100
	Elective - VI-ECONOMICS OF DEVELOPMENT	3	4	25	75	100
	Skill Enhancement Course SEC - III-PERSONALITY DEVELOPMENT	2	4	25	75	100
	Project with Viva - Voce	7	10	20	80	100
	Extension Activity	1				
Total		**23**	**30**	**Total Marks**		**500**
Net Total Credits		**93**	**120**	**Net Total Marks**		**2200**

Subject Code	Subject Name	SEMESTER	Category	L	T	P	S	Credits	Hours	CIA	External	Total
											Marks	
23P1E1	**Advanced Micro Economics-I**	I	Core-1					5	6	25	75	100

Learning Objectives	
C1	To make the students to understand consumer behavior with the theories of Demand and Production.
C2	To make the students comprehend the various Concepts of Production and Costs
C3	To make the students to grasp the Pricing process under different types of Market structure.

UNIT	Contents	No. of Hours
I	**Theory of Demand:** Indifference Curve Analysis-Properties-Consumer's Equilibrium-Price, Income and Substitution Effects- Application of Indifference curves to the theory of Exchange and Index numbers - Revealed Preference Theory.	15
II	**Modern Developments in the Theory of Demand:** Hicks's Revision of Demand Theory-Neumann-Morgenstern Theory of Decision Making under Uncertainty-Friedman-Savage Hypothesis-Markowitz Hypothesis-Veblen Effect-Snob Effect and Bandwagon Effect.	15
III	**Production and Cost:** Concepts of Costs -Types of Cost-Traditional and Modern Theory of Cost-Production Function-Short Run Production Theory: Law of Variable Proportion-Long Run Production Theory: Laws of Returns to Scale- Iso-Quants- Linear Homogeneous functions-Cobb-Douglas and CES production functions-Elasticity of factor substitution-Cost minimisation and Expansion Path.	18
IV	**Price-output determination:** Price-output determination under Perfect Competition, Monopoly, Monopolistic Competition, Oligopoly, Duopoly Monopsony and Bilateral Monopoly.	15
V	**Objectives of the Firm:** Objectives of a Firm-Baumol's Model of Sales Maximisation-Profit Maximisation-Williamson's Model of Utility Maximisation- Marris Model of Growth Maximisation-Simon's Satisfying Model.	12
	Total	**75**

Textbooks	
1	Jhingan M.L, Advanced Economic Theory, Vrindha Publications (P) Ltd., New Delhi.
2	Ahuja, H.L. 'Modern Economics', Latest Edition, S.Chand and Sons, New Delhi.

Reference Books	
1.	Koutsoyiannis, A, 'Modern Micro Economics', Macmillan Publications, Latest Edition.
2.	D. Salvatore, 'Micro Economic Theory', Mcgraw-Hill Publications, Latest Edition.

Web Resources	
1	http://open.oregonstate.education/intermediatemicroeconomics/chapter/module-1

2	http://saylordotorg.github.io/text_introduction-to-economicanalysis/s16-monopoly.html

No.	Course Outcomes	K-Levels
CO1	To illustrate and analyse the theories of consumer behaviour	K1, K2, K4
CO2	To illustrate and identify the choice under uncertainty.	K2, K3
CO3	To compare how price and output is determined in different market situations and evaluate the market structures	K2, K4, K5
CO4	To identify and examine the alternative theories of firms.	K3, K4
CO5	To define, explain, and compare the theory of distribution.	K1, K2, K4

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to Pos	3.0	3.0	3.0	3.0	3.0

Subject Code	Subject Name	SEMESTER	Category	L	T	P	S	Credits	Hours	Marks		
										CIA	External	Total
23P1E2	**MODERN MACRO ECONOMICS-I**	I	Core-2					5	6	25	75	100

	Learning Objectives
C1	To understand the Classical and Keynesian Theories of Employment.
C2	To understand and appreciate various Theories of Consumption Function.
C3	To know the causes and consequences of Business Cycles.

UNIT	Contents	No. of Hours
I	**Theory of Employment and Consumption Function:** Classical Theory of Employment-Critical Evaluation- Keynesian Theory of Underemployment Equilibrium-Consumption Function: Absolute Income Hypothesis- Determinants of Consumption Function: Objective and Subjective factors-Measures to raise Consumption.	15
II	**Post Keynesian Theories of Consumption Function**: Short run, Long run and cross sectional analysis of Consumption-Simon Kuznets' Consumption Puzzle-Drift Hypothesis-Relative Income Hypothesis-Permanent Income Hypothesis -Life Cycle Hypothesis-David Laibson's theory of Pull of Instant Gratification.	15
III	**Investment Function**:-Neo-classical Theory of Investment-The Flexible Accelerator Theory of Investment-Tobin's Q theory of Investment-Investment Multiplier--Principles of Acceleration-Super Multiplier.	18
IV	**Business Cycle:-**-Causes of Business Cycle-Theories of Business Cycle-Samuelson's Model-Hicks's Model-Kaldor's Model-Real Business Cycle Theory-Policy measures to control Business Cycle.	15
V	**General Equilibrium:** Equilibrium of the Product Market -IS curve- Equilibrium of the Money Market -LM curve-Three ranges: Classical, Intermediary and Keynesian range-General Equilibrium-Uses and Limitations of the IS-LM model.	12
	Total	**75**

	Textbooks
1	Jhingan M.L, Macro Economic Theory, Vrindha Publications (P) Ltd., New Delhi.
2	Ahuja, H.L. 'Macro Economics: Theory and Policy ', Latest Edition, S.Chand and Sons, New Delhi.

	Reference Books
1.	Richard T. Froyen, 'Macro Economics', Pearson Education, Latest Edition.
2.	Rudiger Dornbusch, et.al., Macro Economics, McGraw Hill, Latest Edition.
3	Mankiw, N, Macro Economics, Worth Publishers, Latest Edition.

	Web Resources
1	https://www.econlib.org/library/Enc/bios/Keynes.html
2	https://www.postkeynesian.net/post-keynesian-economics/

CO1	Defines and understand the concepts of general Equilibrium in the Economy and its models and approaches	K1, K2
CO2	Define, Illustrate and examine the role of rational expectations influencing macroeconomics variables, models of income and the various approaches to the working of business cycles.	K1, K2, K4
CO3	To demonstrate, identify and to understand the functions of the major propositions of new Keynesian macroeconomics	K2, K3, K4
CO4	To understand how, Evaluate and to analyse the open economy model in post Keynesian era	K1, K4, K5
CO5	To explain and apply the role of stabilization policies such as fiscal and monetary policy on the economy and to analyze, elaborate and to know the importance government policies and tax frame work	K2, K3, K4, K5, K6

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	2	2	3
CO2	2	3	2	3	3
CO3	2	3	3	3	3
CO4	3	3	3	2	3
CO5	3	3	3	3	3
Weightage	12	15	13	13	15
Weighted percentage of Course Contribution to Pos	2.4	3	2.6	2.6	3

Subject Code	Subject Name	SEMESTER	Category	L	T	P	S	Credits	Hours	CIA	External	Total
										Marks		
23P1E3	INDIAN ECONOMIC DEVELOPMENT AND POLICY	I	Core-3					4	6	25	75	100

Learning Objectives	
C1	To provide a macroeconomic understanding of the Indian Economy.
C2	The students become aware of various challenges of the Indian Economy.

UNIT	Contents	No. of Hours
I	**Growth and Change in Indian Economy:** Growth and Structural Change Indian economy at Independence- The policy framework: statist policy, transition to market-oriented policy, role of erstwhile Planning Commission and NITI Aayog- Two phases of growth (1950-1980 and 1980 onwards), factors underlying turnaround- Structural change in Indian economy.	15
II	**Agricultural and Industrial Sector:** Agricultural and Industrial Sectors - Agricultural Sector Performance of agricultural sector, factors determining agricultural growth - Factors underlying food inflation- Agricultural price policy and food security Industrial Growth - Industrial growth before and after reforms - Dualism in Indian manufacturing- Issues in performance of public sector enterprises and privatization.	15
III	**Fiscal Developments:** Fiscal Developments, Finance and External Sector Expenditure trends- GST: rationale and impact- Evolution of the financial sector in post-liberalization period- External sector performance: emergence of India as major exporter in services, performance of manufacturing sector.	18
IV	**Poverty and Inequality:** Measuring poverty in India: Selection of poverty lines- Poverty in pre and post liberalization periods- Impact of growth on poverty- PDS vs cash transfers, feasibility of universal basic income in India - Inequality in India in pre and post liberalization periods.	15
V	**Social Sector:** Social Issues Gender gap in India and trends in female labour force participation rates, factors determining female labour force participation- Employment: changing nature of employment in India, "jobless growth"- Labour in informal sector- India's Demgraphic transition.	12
	Total	**75**

Textbooks	
1	Misra,S, &Puri, V.,(2020.), Indian Economy, Revised Edition., S.Chand Publications

2	Sundaram K P M.,(2002),Indian Economy , 42 revised edition., S.Chand Publications
Reference Books	
1.	KaushikBasu (Ed.) (2012), Oxford Companion to Indian Economy, 3rd Edition, OUP, New Delhi.
2.	Uma Kapila (Ed.) (2018), Indian Economy since Independence, Academic Foundation, New Delhi, 29th Edition.
3	AshimaGoyal (Ed.) The Oxford Handbook of the Indian Economy in the 21st Century: Understanding the Inherent Dynamism, Oxford University Press.
Web Resources	
1	https://www.adb.org/countries/india/economy
2	https://www.oecd.org/economy/india-economic-snapshot/

No.	Course Outcomes	K-Levels
CO1	Understand the Structural change in Indian economy	K_1, K_2, K_3, K_4
CO2	Assess the Performance of agricultural and Industrial sector	K_1, K_2, K_3, K_4
CO3	Ability to learn the trends in the economy	K_1, K_2, K_3, K_4, K
CO4	Understand the Impact of Poverty	K_1, K_2, K_3, K_4
CO5	Identify Social Issues like Unemployment, Gender disparities	K_1, K_2, K_3, K_4

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	2	3
CO5	3	3	3	2	3
Weightage	15	15	15	13	15
Weighted percentage of Course Contribution to Pos	3	3	3	3	2.6

Subject Code	Subject Name	SEMESTER	Category	L	T	P	S	Credits	Hours	CIA	External	Total
										Marks		
23P1E4EC	**RURAL ECONOMICS**	I	**ELECTIVE – I**					3	6	25	75	100

	Learning Objectives
C1	To understand rural economic development in India.
C2	To know about the Rural Empowerment Programs initiated by Government of India.

UNIT	Contents	No. of Hours
I	**Introduction to Rural Economics:** Nature and Scope of Rural Economics - Inter-disciplinary approach of Rural Economics –Components - Structure and Characteristics -Pre and Post-independence - Rural Development: Meaning, Nature and Scope - Factors Affecting Rural Growth.	15
II	**Rural Resources and Rural Development theories:** Rural Resources: Nature, Types and Magnitude - Rural Resources Management and Development - Application of Technology in Rural Development – Problems and prospects -W.W. Rostow's - Lewis-Fei-Ranis and Gandhian Approach to Rural Development.	15
III	**Rural Demography and Occupational Structure:** Demography: Population Size, Sex and Age Composition - Density of Population- Population Problems and Challenges – Family Welfare Measures in Rural India - Occupational Structure: Nature of Rural Occupations - Occupational Distribution in Rural India – The Concept of Work Participation Rates.	15
IV	**Rural Poverty and Unemployment:** Rural Poverty: Meaning, Estimates, Causes and Consequences – Unemployment: Meaning, Types and Magnitude of Rural Unemployment - Causes and Consequences - National Programmes for Rural Development - Community Development Programmes and Employment Guarantee Schemes.	15
V	**Rural Empowerment Programmes:** Bharat Nirman, Provisions of Urban Amenities in Rural Area (PU RA) - Agencies for Rural Development: Government, Semi-Government Organisations, Co-Operative Institutions, Non-Government Organisations and Voluntary Agencies for Rural Development.	15
	Total	**75**

	Textbooks
1	Vasant Desai: Rural Development in India, Himalaya Publishing House, Mumbai, 2012.

2	

	Reference Books
1.	Singh, K., &Shishodia, A. (2016). Rural development: Principles, policies, and management. SAGE Publishing India.
2.	Hoff, K., Braverman, A., &Stiglitz, J. E. (1993). The economics of rural organization. Oxford: Oxford University Press.
	Web Resources
1	https://www.kobo.com/us/en/ebooks/public-finance
2	https://www.amazon.in/PUBLIC-FINANCE-AMBAR-GHOSH-ebook/dp/B07W5F2P1Q

No.	Course Outcomes	K-Levels
CO1	To label and interpret the nature and scope of rural economics.	K1,K2,
CO2	To define and demonstrate the theories of rural development and rural resources.	K1,K2,
CO3	To recall, outline and determine rural demography and occupation structure.	K1,K2,K5,
CO4	To organize, examine and evaluate rural poverty and unemployment.	K3,K4,
CO5	To summarize, develop and explain the rural empowerment programs.	K2,K3,K5,

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5					
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to Pos	3.0	3.0	3.0	3.0	3.0

Subject Code	Subject Name	SEMESTER	Category	L	T	P	S	Credits	Hours	Marks		
										CIA	External	Total
23P1E5EC	**REGIONAL ECONOMICS**	I	**ELECTIVE – II**					3	6	25	75	100

	Learning Objectives
C1	To equip the analytical skills required to analyse the regional economic issues.
C2	To understand Regional economic growth in India.

UNIT	**Contents**	**No. of Hours**
I	**Introduction to Regional Economics:** Nature and scope of regional economics – Regional economics and regional science – Regional and Urban Economics: Need for a separate study of regional economics – Concept and types of regions: Administrative, Planning, Agro-climatic, Economic and Functional regions.	15
II	**Approaches to regional growth:** Approaches to regional growth: Models of regional, inter-regional and multi-regional models; Export base models – Location Theory - Gravity models – Shift-share analysis.	15
III	**Theories of regional economic growth:** Neoclassical models – Dualistic models: Social dualism – Labour surplus model of Arthur Lewis- Migration and development: Harris-Todaro – Core-Periphery models: Myrdal's Cumulative Casuation Hypothesis – Regional Input-output models - New Economic Geography models: Paul Krugman's model of industrial location and development	15
IV	**Regional economic growth in India:** Administrative regions in India: State, District, Taluk and Village; Urban and Rural regions - Concept, definition and measure of State Income (GSDP) – Rural and urban GDP – Differences in estimation of national income (GDP) and State Income (GSDP) - Measurement of interregional economic growth at State level.	15
V	**Regional Aspects of Stabilization and Growth Policy:** Post-war Regional Cyclical Behaviour and Policy Measures for Stabilization, Theories to Explain Regional Differences in Growth, Fiscal Programmes, Tax and Transfer Programmes, Fiscal Responses of Power Level Governments, Regional Orientation to Policy Programmes and Central Responsibility.	15
	Total	**75**

	Textbooks
1	Capello Roberta. (2016). Regional Economics. Routledge (New York).
2	Temple, M. (1994). *Regional Economics*. St. Martin's Press.

	Reference Books
1.	Harry W. Richardson. (1970). Elements of Regional Economics. Penguin Books (New York).
2.	Harry W Richardson (1969): Regional Economics: Location theory, Urban structure and regional change, Weidenfeld & Nicolson (London)

	Web Resources
1	http://www.rri.wvu.edu/WebBook/Giarratani/contents.htm
2	2.https://researchrepository.wvu.edu › cgi › viewcontent

No.	Course Outcomes	K-Levels
CO1	Understand the Nature and scope of regional economics and its need	K1, K3, k4
CO2	Discuss the Models of regional, inter-regional and multi-regional models	K4,K5
CO3	Evaluate the various theories of regional economic growth	K2, K3,K4
CO4	Describes the Measurement of interregional economic growth at State level	K4,K4
CO5	Apply Regional Aspects of Stabilization and Growth Policy	K1,K4,K5

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	2	3	3	3	2	3
CO2	3	2	2	3	2	3
CO3	3	2	3	2	2	2
CO4	3	3	3	2	3	3
CO5	3	2	2	2	3	2
Weightage	14	12	14	14	12	13
Weighted percentage of Course Contribution to Pos	2.8	2.4	2.8	2.8	2.4	2.6

Subject Code	Subject Name	SEMESTER	Category	L	T	P	S	Credits	Hours	CIA	External	Total	Marks
23P2E6	**Advanced Micro Economics-II**	II	Core-4					5	6	25	75	100	

Learning Objectives

C1	To understand the various theories of Distribution.
C2	To know the microeconomic General Equilibrium Analysis.
C3	To understand the various concepts, measures and problems in Welfare Economics.

UNIT	Contents	No. of Hours
I	**Theory of Distribution:** Functional Versus Personal Distribution-Marginal Productivity Theory of Distribution-Clark and Marshall versions -Product Exhaustion Theorem - Alternative Theories of Factor Shares-Ricardian, Marxian, and Keynesian Theories of Distribution-Technical change and change in Factor Shares.	15
II	**General Equilibrium Analysis:-**Problems of Existence, Uniqueness and Stability of a General Equilibrium-Walrasian General Equilibrium Model-2x2x2 Graphical General Equilibrium Model.	15
III	**Welfare Economics:** Concept and Measurement of Economic Welfare-Pigouvian Welfare Economics-Pareto's Welfare Conditions-Pareto's Optimality conditions under Perfect Competition - Market Failure and non-attainment of Pareto Optimality-Measures to correct Market Failure- Trade-off between Efficiency and Equity.	18
IV	**New Welfare Economics:** Kaldor-Hicks Compensation Principle-Scitovosky's Criterion-Social Welfare Function- Arrow's Impossibility Theorem-Theory of Second Best.	15
V	**Economics of Information:** Theory of Asymmetric Information- Adverse Selection-Market for Lemons-Moral Hazard-Market Signaling-Efficient Market Hypothesis-Types of Efficient Market Hypothesis: Weak Form-Strong Form-Semi Strong Form and Semi Efficient Market Hypothesis.	12
	Total	**75**

Textbooks

1	Jhingan M.L, Advanced Economic Theory, Vrindha Publications (P) Ltd., New Delhi.
2	Ahuja, H.L. 'Modern Economics', Latest Edition, S.Chand and Sons, New Delhi.

Reference Books

1.	Koutsoyiannis, A, 'Modern Micro Economics', Macmillan Publications, Latest Edition.
2.	D. Salvatore, 'Micro Economic Theory', Mcgraw-Hill Publications, Latest Edition.

Web Resources

1	http://open.oregonstate.education/intermediatemicroeconomics/chapter/module-1
2	http://saylordotorg.github.io/text_introduction-to-economicanalysis/s16-monopoly.html

No.	Course Outcomes	K-Levels
CO1	To illustrate and analyse the theories of Distribution	K1, K2, K4
CO2	To illustrate the micro economic general equilibrium analysis.	K2, K3
CO3	To appreciate the various aspects of Welfare Economics.	K2, K4, K5
CO4	To understand the various principles of new Welfare Economics.	K3, K4
CO5	To understand and use the principles of Economics of Information.	K1, K2, K4

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to Pos	3.0	3.0	3.0	3.0	3.0

Subject Code	Subject Name	SEMESTER	Category	L	T	P	S	Credits	Hours	CIA	External	Total
										Marks		
23P2E7	**MODERN MACRO ECONOMICS-II**	II	Core-5					5	6	25	75	100

	Learning Objectives
C1	To understand the various theories of Demand for Money,
C2	To Understand the various measures and determinants of Money Supply
C3	To Know the various macroeconomic policy objectives and monetary and fiscal instruments.

UNIT		No. of Hours
I	**Supply of Money and Price Level:** Supply of Money-Measures of Money Supply in India- Determinants of Money Supply – Money Multiplier- Irving Fisher's Quantity Theory of Money–Cash Balance Approach-Cambridge Equations: Marshall-Pigou-Robertson and Keynes.	15
II	**Inflation:** Types, Causes and Effects of Inflation- Concept of Inflationary Gap-Theories of Inflation: Demand-Pull and Cost Push Theories -Control Measures-Philips curve: Short Run and Long Run.	15
III	**Keynesian and Post Keynesian Theories of Demand for Money**- Keynes' Liquidity Preference Theory of Money- Baumol's Inventory Theoretic approach to Transactions Demand for Money-James Tobin's Portfolio analysis of Money Demand-Don Patinkin's Integration–Real Balance Effect-Milton Friedman's Restatement of Quantity Theory of Money.	18
IV	**New Classical and New Keynesian Macroeconomics:** Rational Expectation Hypothesis-Policy Ineffectiveness Theorem-Aggregate Supply Hypothesis- Policy implications of New Classical Approach-Core Propositions of New Keynesian Macroeconomics- Wage and Price Rigidities- New Keynesian Business Cycle Theory-Policy implications of New Keynesian Macroeconomics.	15
V	**Macro Economic Policy and Post-Keynesian Developments**: Objectives of Macro Economic Policy: Tools - Monetary and Fiscal Instruments – Monetarism Vs Keynesianism –Supply Side Economics.	12
	Total	**75**

	Textbooks
1	Jhingan M.L, Macro Economic Theory, Vrindha Publications (P) Ltd., New Delhi.
2	Ahuja, H.L. 'Macro Economics: Theory and Policy ', Latest Edition, S.Chand and Sons, New Delhi.

	Reference Books
1.	Richard T. Froyen, 'Macro Economics', Pearson Education, Latest Edition.

2.	Rudiger Dornbusch, et.al., Macro Economics, McGraw Hill, Latest Edition.
3	Mankiw, N, Macro Economics, Worth Publishers, Latest Edition.
Web Resources	
1	https://www.econlib.org/library/Enc/bios/Keynes.html
2	https://www.postkeynesian.net/post-keynesian-economics/

Course Outcomes (Cos):

Upon Completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	To understand the various measures and determinants of money supply.	K1, K2
CO2	Define, Illustrate and examine the role of rational expectations influencing macroeconomics variables.	K1, K2, K4
CO3	To demonstrate, identify and to understand the functions of the major propositions of new Keynesian macroeconomics.	K2, K3, K4
CO4	To appreciate the salient features of the debate on Monetarism Vs Keynesianism	K1, K4, K5
CO5	To explain and apply the role of stabilization policies such as fiscal and monetary policy on the economy and to analyze, elaborate and to know the importance government policies and tax frame work	K2, K3, K4, K5, K6

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	2	2	3
CO2	2	3	2	3	3
CO3	2	3	3	3	3
CO4	3	3	3	2	3
CO5	3	3	3	3	3
Weightage	12	15	13	13	15
Weighted percentage of Course Contribution to Pos	2.4	3	2.6	2.6	3

Subject Code	Subject Name	SEMESTER	Category	L	T	P	S	Credits	Hours	CIA	External	Total
											Marks	
23P2E8	LABOUR ECONOMICS	II	CORE-6					4	5	25	75	100

	Learning Objectives
C1	To enable and acquire the knowledge the relating to the significance of labour market
C2	To understand the role of man power in Economic Development

UNIT	Contents	No. of Hours
I	**Labour Market and Policies:** Labour Market- Nature and Characteristics, Demand For Labour In Relation To Size and Pattern of Investment, Choice of Technologies And Labour Policies- Supply of Labour- Growth of Labour Force-Labour Market Policies-Mobility And Productivity.	15
II	**Employment And Wage Determination:** Employment and Development Relationship- Poverty and Unemployment. Unemployment- Types, Concepts and Measurement- Employment Policy-Wage Determination- Classical, Neo-Classical And Bargaining Theories; Concepts of Minimum Wage and Efficiency Wage; Non-Wage Component.	15
III	**Trade Union Movement:** Trade Union Movement Since Independence And Present Scenario of The Trade Union Movement– AITUC – INTUC – HMS – UTUC – Association Of Indian Trade Unions with International Trade Unions –Problems of Trade Unions – Essentials For Success of A Trade Union - The Trade Union Act, 1926- Recent Policies Relating To Trade Union Act	15
IV	**Industrial Relation:** Need for Industrial Relation Machinery-Preventive And Curative Methods-Collective Bargaining, Arbitration And Adjudications-Industrial Democracy, The Concept of Workers Participation In Management- Role of State In Industrial Relations.	15
V	**Social Security And Reforms:** Social Security- Concepts And Evolution, Social Assistance And Insurance, Review And Appraisal of State Policies, Special Problems- Child Labour, Discrimination, Bonded Labour-Labour Market Reforms- Exit Policy, Safety Requirements, National Commission On Labour, Globalisation And Labour Markets, Mobility Of Labour.	15
	Total	**75**

	Textbooks
1	Pant C.(1978),Indian Labour Problems,(Allahabad, Chaitanya Publishing House)
2	Singh S.S., and Metha S.(1989),Labour Economics,(Ajanta Prakasham New Delhi)
	Reference Books
1.	Tyagi P.B.(1995),Labour Economics and Social welfare,(JaiprakashNath&Co.Meerut)
2.	Baholiwal T.N.(1981), Economics of Labour and Industrial Relations,(SahityBhawan, Agra).

Web Resources	
1	https://fac.ksu.edu.sa › sites › default › files › Moder
2	http://students.aiu.edu › resources › onlineBook › q...

Course Outcomes (Cos):

Upon Completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	study the recent trends of labour and their productivity	K1, K3, K4
CO2	assess the determination of employment and wages	K3,K4
CO3	Understand the trade unions and their impact on labour market	K1, K4,K5
CO4	evaluate the Industrial relation	K3,K4
CO5	analyze the current trends of social security measures	K1,K4,K5

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.
CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	2	3	3	3	2	3
CO2	2	3	2	3	2	3
CO3	3	2	3	2	3	3
CO4	2	2	3	2	3	3
CO5	3	2	3	2	3	2
Weightage	12	12	15	14	13	14
Weighted percentage of Course Contribution to Pos	2.4	2.4	3	2.8	2.6	2.8

Level of Correlation between PSO's and CO's
(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)
Assign the value
>   **1 – Low**
>   **2 – Medium**
>   **3 – High**
>   **0 – No Correlation**

Subject Code	Subject Name	SEMESTER	Category	L	T	P	S	Credits	Hours	Marks		
										CIA	External	Total
23P2E9EC	**STATISTICAL METHODS FOR ECONOMICS**	II	**ELECTIVE – III**					3	6	25	75	100

	Learning Objectives
C1	To provide a strong foundation in statistical concepts and develop skills in data handling and research.
C2	The course facilitates in inferring the intensity of relationship between multiple variables and building appropriate statistical models. The models thus formulated can be tested for their significance and can be used for forecasting.

UNIT	Contents	No. of Hours
I	**Probability:** Probability - Addition and Multiplication Theorems - Conditional Probability - Discrete and Continuous - Random Variables - Mathematical Expectations – Bayes Theorem - Theoretical Distributions - Binomial, Poisson and Normal.	
II	**Sampling and Hypothesis Testing:** Sampling Theory - Types of Sampling - Sampling Distributions - Parameter and Statistic - Testing of Hypothesis - Level of Significance - Type I and Type II Errors - Standard Error - Properties of Estimator.	
III	**Correlation and Regression:** Correlation-Types of Correlation-Correlation and Causation-Pearson's Coefficient of Correlation- Spearman's Rank Correlation- Regression- Correlation versus Regression-Fitting Regression line by the method of Least Squares-Concepts of Partial, Multiple Correlation and Multiple Regression-Concepts only.	
IV	**Test of Significance Large and Small Sample:** Test of Significance-Procedure for test of Significance- Large Sample Test: Comparing two Means and comparing two Standard Deviations - Proportion Test- Small Sample Test: Assumptions- t-test – Paired t test- F test and ANOVA.	
V	**Non-Parametric Test:** Meaning, nature and types of Non-Parametric Tests-Chi-square Test- (with problems)-Sign test-U test-One sample Run Test: K-W or H-Test and Spearman's Rank Correlation Test (Concepts, assumptions and Procedure alone)	
	Total	**75**

	Textbooks
1	Gupta S.P., Statistical Methods, Sultan Chand and Sons, New Delhi, 2017.
2	Pillai R.S.N, and Bagavathi V (2010), Statistics, S. Chand Sons, New Delhi.

	Reference Books
1.	Venkatachalapathi, S.G. and Premraj, Statistics, Margham Publications.
2.	Anderson, Sweeney and Williams, "Statistics for Business and Economics", Cengage, 2014.

	Web Resources
1	https://www.statista.com.

No.	Course Outcomes	K-Levels
CO1	Summarize the basic Probability rules and understand theoretical distributions.	K1 & K2
CO2	Acquire knowledge on the various sampling methods and testing of Hypotheses.	K2 & K3
CO3	Use t test and chi square for analysis	K4
CO4	Understand the importance of one and two way ANOVA	K5
CO5	Know the various Decision making tools available	K6

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	2	2
CO2	3	2	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	2	3	3	2	3
Weightage	14	13	15	13	14
Weighted percentage of Course Contribution to Pos	2.8	2.6	3	2.6	2.8

Subject Code	Subject Name	SEMESTER	Category	L	T	P	S	Credits	Hours	CIA	External	Total
										Marks		
23P2E10EC	**RESOURCE ECONOMICS**	II	**ELECTIVE – III**					3	4	25	75	100

	Learning Objectives
C1	To understand the availability of various types of natural resources and their economic uses.
C2	To understand the link between natural resources and their economic growth.

UNIT	**Contents**	**No. of Hours**
I	**LAND:** Land Resources in India - Types of soil- Land resource Classification - Forest, Barren land, Pastures and grazing land, cultural Waste Land, Fallow Land, Agricultural Land -Net Sown Area - Land degradation and soil Erosion-Preventive Measures.	15
II	**FOREST RESOURCE:** Forest Resources-Role of Forests in Economic Development-Forest cover in India- Deforestation-Effects of Deforestation-Urban Forestry - Objectives of Urban Forestry- Social Forestry-Constraints in Social Forestry - Collective Participatory Forest Management – Recent National Forest Policy Act.	15
III	**Water Resources in India:** Water Resources in India -Surface Water –Ground Water –Water Demand and Utilisation- Water Resource Planning- Multi –objective Approach-Benefit Cost Ratio-Capital outlay-Environmental Impact Assessment (EIA)-Manageability of the project-Sustainable Water Management-Recent National Water Policy.	15
IV	**Mineral Resources:** Mineral Resources- Metallic Minerals-Non Metallic Minerals – Mineral Fuels-Environmental Costs of Extracting Mineral Resources-Environmental Impacts of Mineral Resource Extraction and Use-Mineral Conservation and Development Rules (1988).	15
V	**Conservation and Management of Natural Resources:** Conservation and Management of Natural Resources - Meaning and objectives of Conservation. Conservation of Renewable Resources: Soil conservation- Water conservation-Forests conservation-Fish Conservation-Biodiversity Conservation. Conservation of Non Renewable Resources: Energy Conservation-Mineral Conservation.	15
		75

	Textbooks
1	M.L.Jhingan, ChandarK.Sharma (2007) Environmental Economics Theory, Management and Policy, Vrindha Publications, New Delhi.
2	G.Paneerselvam (2008) Economics of Natural Resources in India, Abhijeet Publications ,New Delhi
	Reference Books
1.	Jon .M.Conrod (2010), Resource Economics, Cambridge University Press,U.K

2.	John C.Bergstrom& Alan Randall (2010), Resource Economics –An Economic Approach to Natural Resource and Environmental Policy, Edward Elgar Pub,Ltd
Web Resources	
1	https://www.india.gov.in/topics/environment-forest/natural-resources

S.No	Course Outcomes	K-Levels
CO1	Ability to understand land resources in India and the issues related to it	$K_1, K_2, K_3 K_4$
CO2	Assess the availability of Forest resources and understand the methods to conserve the resources	$K_1, K_2, K_3 K_4$
CO3	Understand the water resources in the country and related environmental issues	$K_1, K_2, K_3 K_4$
CO4	Trace the mineral resources in the country	$K_1, K_2, K_3 K_4$
CO5	Ability to know about conservation of Natural Resources	K_1, K_2, K_3, K_4

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to Pos	3	3	3	3	3

Subject Code	Subject Name	SEMESTER	Category	L	T	P	S	Credits	Hours	CIA	External	Total
										Marks		
23P2E11SEC	MANAGERIAL SKILLS	II	ELECTIVE – III					2	3	25	75	100

Learning Objectives	
C1	To develop administrative skills
C2	To acquire modern management techniques

UNIT	Contents	No. of Hours
I	**Communication:** Definition-characteristics of communication-purpose of communication-importance-Process of communication-Barriers to communication-Principles of effective communication-Benefits of effective communication-Formal Business report-Business letter format .	15
II	**Role of Manager in organization:** Interpersonal roles-informal role-Decision Making roles, Levels of Management- Top Management- Upper Middle Management - Middle Management- Operating Management.	15
III	Types of Managerial Skills: Technical skill, Human or Psychological Skill, Conceptual Skill, Diagnostic Skill, Design Skill, Analytical Skill, Decision making skill-Digital Skill, Interpersonal Skill, Planning and Administration Skill ,Teamwork Skill, Strategic Action skills, Global Awareness Skill, Self-	15
IV	**Emotional Intelligence:** Meaning, Personal Competencies, Self-Awareness, Self-regulation, Self-Motivation, Social Competencies, Empathy, Social Interpersonal Skills. Attitude –Meaning, Features of Attitude, sources of Attitude-Formation of attitudes-Values-Characteristics –types of Values	15
V	**Problem Solving:** Steps in Analytical problem solving –attributes of good problem solving –Generating Alternatives –Evaluation and selection of an alternative. Team building-Developing Team and Team work-advantages.	15
		75

Textbooks	
1	K.Alex (2015) Managerial Skills S,Chand New Delhi
2	S.A Rahmath Ameena Begum, Managerial Skill Development ,Charulatha Publications,India
Reference Books	
1.	E.H.McGrath ,S.J (2011) Basic Managerial Skills for All ,Prentice Hall India Learning PvtLtd,India
2.	Cynthia MenezesPrabhu (2022) Managerial skills 2, Pen to print Publishing, India
Web Resources	
1	https://elearningindustry.com/tips-improving-management-skills-in-online-training

S.No	Course Outcomes	K-Levels
CO1	Understand the importance of communication	$K_1, K_2, K_3 K_4$
CO2	Learn about the pattern of Management	K_1, K_2, K_3, K_4
CO3	Types of Managerial skills and Personal skills	$K_1, K_2, K_3 K_4$
CO4	PracticeEmotional Intelligence and Values	$K_1, K_2, K_3 K_4$
CO5	Adopt Problem solving methods	K_1, K_2, K_3, K_4

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to Pos	3	3	3	3	3

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Semester-III	Core Course – VII (CC)- RESEARCH METHODOLOGY	Code: 23P3E12	Credits-5	Hours-6

RESEARCH METHODOLOGY

Course Objectives

1. This course describes the ethical issues in social science research and the present position of economic research. It covers data collection methods and different types of research design. It also discusses about qualities of a good research report
2. To Develop and equip quality research culture among students

Unit I: Research in Economics

Research Methods in Economics Nature of Social Science Research – Research Methods in Social Science – Formulating the problem- Types and Sources of Hypothesis – Characteristics of a Good hypothesis– Presentation of results – Format of a Report- Objectivity in Research -Preparation of Project Proposals.

Unit II: Data Collection

Sampling; Need, types, Probability sampling, random, systematic, stratified, multistage or cluster sampling, Non Probability sampling; Purposive Judgment, quota and snowball sampling- Data collection; Primary and Secondary data; NSS and censes data Methods of data collection- Tools of data collection ; schedule and questionnaire through Google forms- Importing data in SPSS.

Unit III: Research Design and Report Writing

Components and types of research design- Data Processing and Presentation-Processing and analysis of data: Editing, coding and tabulation; use of computers in social science research- Diagrammatic and graphic representation of data- Interpretation of results and Report writing.

Unit IV: Estimation and Procedures for Testing of Hypothesis (Theory Only)

Statistical Inferences Census Versus sampling - Estimation – Point and interval estimation – Statistics and Parameter – Standard Error – Confidence interval- Null and Alternative

hypothesis – Type I Error and Type II Error, Level of Significance – Critical region – Steps in Testing of Hypothesis.

Unit V: Parametric and Non-Parametric Tests

Large and small Sample Tests Properties and uses of Normal Distribution – Standard normal 'Z' Statistic Z-Test of Significance of proportions, means and Correlation- 't' Test for sample mean and Equality of mean – Paired 't' Test- Chi-Square Test for Association of Attributes.

Text Books:

1. C.R. Kothari (2002), Research Methodology Vikas publishing House, New Delhi.
2. Goode W. J and Hatt(1952), Methods in Social Research, Mcgraw Hill Book Co, Tokyo.

Reference:

1. Young, Pauline V., Scientific Social Surveys and Research, 4th Edition, Prentice Hall of India, 1977

2. Bryman, Alan, Social research methods, 4th Edition, Oxford University Press, 2008

3. Patton, M.Q., Qualitative Research and Evaluation Methods, 3rd Edition Sage 41 Publications, 2002

Web Resources

1. www.socialresearchmethods.net   2. www.ualberta.ca   3. http://finmin.nic.in

Course Outcomes (Cos):

Upon Completion of this course, the students will be able

No.	Course Outcomes	K-Levels
CO1	To understand what are all the basic concepts in Research and explain means of data collection	K1, K2
CO2	Explain and distinguish various sources of primary and secondary data and to apply it in data collection	K2, K3, K4
CO3	Demonstrate, construct, and explain the functions of presenting data in different methods	K2, K4, K5, K6
CO4	To develop the statistical inference and to explain the errors that can happen during data analysis	K3, K4, K5, K6

CO5	To illustrate, identify, evaluate and create new models and evaluate the data	K2, K3, K4, K5, K6

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	3	2	3
CO2	2	3	2	3	3
CO3	2	3	3	3	3
CO4	3	3	3	2	2
CO5	3	3	3	3	3
Weightage	12	15	14	13	14
Weighted percentage of Course Contribution to Pos	2.4	3	2.8	2.6	2.8

Semester-III	Core Course – VIII (CC)-INTERNATIONAL ECONOMICS	Code: 23P3E13	Credits-5	Hours-6

Course Objectives:

1. To make the students to understand theories of International Trade.
2. To understand the concept of balance of payments and equilibrium in BOP and to know the functioning of international institutions and its role.

Unit I: Theories of Trade – I Pure Theory of International Trade: Comparative Cost Theory - Refinements of Comparative Cost Theory- Modern Theory of Factor Endowments – Leontief Paradox- Factor price equalization theorem – Factors Intensity Reversal: The Stolper-Samuelson Theorem and the Rybezynski Theorem.

Unit II: Theories of Trade – II Recent Theories of International Trade: Karvi's Theory of Availability – Lindar's Theory of Volume of Trade and demand pattern- Posner's Technological Gap Theory – Vernon's Product Cycle Theory - Kenen's Human capital theory- Intra- Industry Trade – Theory of Imperfect Competition - Strategic Theory – External Economies and International Trade.

Unit III :Balance of Payment Balance of Payments Policies BoP Disequilibrium – Adjustment Mechanism: Elasticity Approach, Absorption approach and Monetary Approach- Expenditure changing monetary and fiscal policy – Monetary and Fiscal policies for internal and external balance: The Swan Model and Mundallian Model- Expenditure Switching Policies and Expenditure Reducing Policies – Foreign Trade Multiplier.

Unit IV: Foreign Aid: Foreign Aid and MNCs. Foreign Aid - Types of Foreign Aid – Advantages and Disadvantages – Factors determining foreign aid - Foreign Investment – Foreign Direct investment – Types of FDI – FDI Policy of India- Multinational Corporations – Features of Multinational Corporations - Advantages and Limitations of MNCs – MNCs and International Trade.

Unit V: Foreign Exchange: Managing Foreign Exchange Risk Foreign exchange risk - Sources of foreign exchange risk – types of exchange rate risk - Transaction risk, Translation

risk, Economic risk Measurement of Exchange Rate Risk - value-at-risk (VAR) model.

Methods of managing foreign exchange risk - internal and external techniques- Forward

contracts, Money market hedges, Currency futures, Currency Options, Currency swaps.

Text Books:

1. D.N. Dwivedi (2013) International Economics: Theory and Policy. Vikas Publishing

House, New Delhi

2. M.L.Jhingan (2016) International Economics, Vrindha Publications, New Delhi

References:

1. Francis Cherunillam (2004), International Economics (Tata McGraw Hill, New Delhi).
2. Paul Krugman and Maurice (2013), International Economics: Theory and PolicyObstfeld
(New Delhi: Pearson).
3. J.N. Bhagwati (2003), Free Trade Today (Oxford University Press, New Delhi).
Web References:

1.https://www.worldbank.org/en/country/eu 2.   https://www.imf.org/en/Data
3.https://www.economagic.com/

Course Outcomes (COs):

Upon Completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	Understand Theories of International trade	K_1, K_2, K_3
CO2	Learn the Recent Theories in International trade	K_1, K_2, K_3
CO3	Ability to know the concept of Balance of Payments Policies	K_1, K_2, K_3, K_4
CO4	Assess the working of MNCs ,Foreign Aid	K_1, K_2, K_3
CO5	Understand the working of Foreign Exchange	$K_1, K_2, K_3,$

K_1 – Knowledge, K_2 - Understand, K_3 – Apply, K_4 – Analyse, K_5 – Evaluate, K_6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	3
CO2	3	3	3	2	3
CO3	3	3	3	2	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	12	15
Weighted percentage of Course Contribution to Pos	3	3	3	2.4	3

Semester-III	Core Course –IX (CC)- Mathematical Methods for Economics	Code: 23P3E14	Credits-5	Hours-6

MATHEMATICAL METHODS FOR ECONOMICS

Course Objectives:

1) To understand the meaning and uses of the various functions in Economics.
2) To learn the techniques of Calculus and their applications in Economics,
3) To solve graphically the optimisation problems in Economics.

Unit I: **Functions in Economics**: Functions of one variable-Straight line, Parabola, Rectangular Hyperbola, Exponential and Logarithmic Functions-Applications in Economics.

Unit II: **Differential Calculus:** Derivatives and their interpretation - Technique of Derivation- Functions of two variables - Partial derivatives- Optimisation problems involving one or two variables- Applications in Economics: Elasticity of Demand-Marginal Concepts-Optimisation of Firm.

Unit III: Integral Calculus: Integration - Constant of Integration -Some Standard Integrals - Definite Integration- Evaluation of Areas - Applications in Economics - Consumer's Surplus and Producer's Surplus.

Unit IV: **Introduction to Linear Algebra**: - Operations of Matrices: Addition and Multiplication of Matrices - Determinants- Properties-Cramer's Rule - Matrix Inverse –Input and Output Model.

Unit V: **Linear Programming:** Introduction – LP Model – Graphic Solution – LP Definitions and Theorems–Duality – Interpretation of Duality in Economics – Application of LP in Economics: Formation of LP problem in Economics and Graphical solution.

Distribution of Marks: Theory: 50% and Problems: 50%

Textbooks:

1. Geoff Renshaw,(2016)Maths for Economics, 4E Oxford University Press.
2. Mabbet A J(1986) Workout Mathematics for Economists, Macmillan Master Series, 4th Edition London.

References:

1. Carter, M. (2001). Foundations of Mathematical Economics, MIT Press.
2. Chiang, A. C. and Wainwright, K. (2005). Fundamental Methods of Mathematical Economics, McGraw-Hill Education.
3. Dowling E. T., Mathematics for economists, Schaum Series (latest edition).

Web Resources

1. https://www.udemy.com/course/mathematics-for-economists-functions-and-derivatives/
2. https://www.classcentral.com/course/swayam-mathematical-economics-14187

3. https://www.coursera.org/learn/introduction-to-calculus

Course Outcomes (Cos):

Upon Completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	Understand the mathematical structure of standard economic theoretical framework	K1, K2, K4
CO2	Equip students with mathematical tools to solve optimization problems appear in economic theory	K2, K4, K5
CO3	Equip students with tools to read the technical writing appear in standard economic journals	K1, K3, K4
CO4	analyse the dynamics of macroeconomic policies in an economy	K1, K2, K4
CO5	analyse mathematically the dynamics of the growth process in an economy	K3, K2,K5

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to Pos	3	3	3	3	3

Semester-III	Core Course – X (CC)-INDUSTRIAL ECONOMICS	Code: 23P3E15	Credits-4	Hours-6

INDUSTRIAL ECONOMICS

Learning Objectives:

1. *To enable the students to understand the importance of industry economic development.*

2. *To make the students grasp the various theories of Industrial Location and their implications.*

3. *To know the students know the current problems of selected industries in India.*

Unit 1: **Introduction:** Concept of Industrialization- Role of Industry in Economic Development Classification of Industries- Effects of Industrialization- Problems and Significance of Industries- Industrial Growth and Five Year Plans- Factors affecting Industrialisation.

Unit II: **Theories of Industrial Location:** Concept of Industrial Location and Dispersion Theories of Industrial Location: Alfred Weber and Sargent Florance- Determinants of Industrial Location- Dynamics of Industrial Location - Industrial Location Policy: Objectives and Importance-Diversification:Types-Significance-Integration:Types-significance-Merger of Industrial units: Types – Significance

Unit III: **Industrial Productivity:** Concept of Industrial Productivity- Measurement of Productivity -Determinants of Productivity -Importance of Productivity- Efficiency Concepts -Determinants of Economic Efficiency-Measurement of Efficiency levels- Industrial Policy: New Industrial Policy and Economic Reforms.

Unit IV: **Select Indian Industries:** Evolution of Indian Industries- Current Problems of Selected Industries: Iron and Steel and Cotton Textiles-Sugar-Coal-Cement-Small-scale and micro industries in India: Importance-- Industrial Sickness-Causes and Remedial Measures.

Unit V: **Indian industry in the international context and Industrial Finance**
Benefits and Demerits of MNC - Role of MNC Globalization, Liberalization, Privatisation and the Indian Industrial Sector FDI in Indian Industry Sources of Finance Internal and External Source of Finance Institutional Finance IDBI-IFCI -IRBI-SFC- SIDCO.

Text Books:

1. Industrial Economics: An Introductory Textbook, R.R. Barthwal.
2. Industrial Economics, I.C. Dhingra.

References:

1. Divine, P.J. et al., (1978), An Introduction to Industrial Economics 3e [George Allen and Unwin, London]
2. Hay, D.A. and D.J.Morris (1979), Industrial Economics: Theory and Evidence [Oxford University Press, Oxford
3. Anup Chatterjee, (2012) "Industrial Policy and Economic Development in India – 1947 - 2012" – New Century Publications, New Delhi.

Web Resources:

1. https://www.amazon.in/Birth-Death-Consumers-Population-Studies-ebook/dp/B074VFY96J

2. https://www.taylorfrancis.com/series/international-population-studies/ashser1353

3. https://www.indiabudget.gov.in/economicsurvey/

Course Outcomes (Cos):

Upon Completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	To list out and outline the basic concepts of industrialization.	K1,K2,
CO2	To make use theories industrial location and industry the regional development.	K3,K5,
CO3	To interpret, develop and determine the structure of industrial organization.	K2,K3,K5,
CO4	To illustrate the sources of industrial finance.	K2,K3,
CO5	To summarize solve and priorities the issues.	K2,K3,K5,

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to Pos	3.0	3.0	3.0	3.0	3.0

Semester-III	Elective Course: V Computer Applications in Economics	Code: 23P3E16EC	Credits-4	Hours-3

COMPUTER APPLICATIONS IN ECONOMICS

Learning Objectives	
C1	To learn the basic operations of computers through Windows-8 operating system.
C2	To make the students learn statistical operations through MS-EXCEL and SPSS.
C3	To familiarise the students with the use of internet.

UNIT	Contents
I	**Introduction to Computers:** History, Generation and Classification of Computers-Advantages, Uses and Limitations of Computers-Hardware and Software-CPU and its functions-Functions and uses of Input and Output devices.
II	**Operating Systems:** Meaning, Functions and Uses of Operating System-Types of Operating Systems-Fundamentals of MS-WINDOWS: Features of MS-Windows 8- Windows desk top-Windows Explorer: Creating a new Folder-Copying Files and moving Folders-Renaming Files and Folders-Deleting Files and Folders Searching Files and Folders.
III	**Spreadsheet:** Introduction to MS-EXCEL 2013-Workbook window-Title bar, Menu Bar, Tool Bar and Formula Bar-Managing Workbooks-Creating a Workbook-Saving a Workbook- -Graphs and Charts-Performing Statistical Operations-Data Analysis: Descriptive Statistics, Correlation and Regression.
IV	**Introduction to SPSS:** Entering data in the Data viewer-Data Analysis with SPSS-Generating Charts -Computing Arithmetic Mean, Median, and Standard Deviation, Pearson's Coefficient of Correlation, Spearman's Rank Correlation coefficient and Simple Regression through SPSS
V	**Internet:** The concept of World Wide Web and Internet-Internet Service providers-Using Search Engines-Downloading documents-E-Mail: Creating, Sending and Receiving E-mails-Web resources for Economics-familiarising web sites of World Bank, International Monetary Fund, United Nations Development Programme and NITI AAYOG.

Reference:

K. Dhanasekaran, Computer Applications in Economics, Vrindha Publications, New Delhi.
A. Sheshasaayee and Sheshasaayee, Computer Applications in Business and Management.
Sanjay Saxena, "A First Course in Computers" (BASED ON WINDOWS 8 AND MS OFFICE 2013), Vikas Publishing House, New Delhi.
Course Outcomes (Cos):

Upon Completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	To provide students with core understanding of computer science and its application in business.	K1,K2
CO2	To familiarize students with computers' history, terminology, components and system hardware and software design.	K3,K4,
CO3	The main focus of this course is on office software and business utilization of the Internet.	K1,K2,K3
CO4	Receive statistical business information	K2,K5
CO5	Automate Business Tasks with Excel.	K2,K4,K5

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	3	3
CO2	2	3	2	3	2
CO3	3	3	2	3	2
CO4	2	3	2	3	2
CO5	2	3	2	3	3
Weightage	12	15			
Weighted percentage of Course Contribution to Pos	2.4	3	2	3	2.4

Semester-III	**Skill Enhancement Course SEC-II Leadership Quality and Development**	Code: 23P3E17SEC	Credits-2	Hours-3

LEADERSHIP QUALITY AND DEVELOPMENT

Course Objective:

1. This course would provide an understanding of the various aspects that would eventually help in becoming a Leader
2. To cultivate the leadership qualities among students

Unit I: Introduction

Leadership- Definition - Evolution and Growth of leadership- Theories of Leadership- Blake and Mouton's Managerial Grid- House's Path Goal Theory- Great Man Theory of Leadership.

Unit 2: Traits of a Leader

Developing Leadership Traits and Skills -Styles of Leadership-Difference between Leadership and Management- Authority Vs Leadership.

Unit 3: Motivation and Emotional Intelligence: Leadership and Motivation -Emotional Intelligence-Traits of an Ethical Leader- Cultural Dimensions of Leadership- Creating Personal Leadership Brand.

Unit 4: Group Leadership: Team Leadership - Conflict Management- Effective Negotiations- Group culture and dynamics.

Unit 5: Women and Leadership: Women Political Leaders- Women in Corporates- Concept of Glass Ceiling in the Workplace -Influential Indian Women in Corporate.

Textbooks:

1. Kavin Dalton (2013) Leadership and Management Development Pearson Education
2. Stephen R. Covey   (2014)Principle-centered Leadership Harper Collins Publisher

References:

1. John Maxwell (2007) The 21 Irrefutable Laws of Leadership, Harper Collins Leadership

2. James M. Kouzes and Barry Z. Posner (2010) The Truth About Leadership, First
Edition
Jossey-Bass Publisher
3. Dr. Carrie Picardi (2021) Leadership Essentials You Always Wanted to Know (Self-
Learning Management Series) First Edition Vibrant Publishers.

Web Resources:

1. https://www.mindtools.com/pages/article/newLDR_84.htm

2. https://www.imd.org/imd-reflections/reflection-page/leadership-styles/

3. https://www.thebalancecareers.com/conflict-management-skills-2059687

Course Outcomes (Cos):

Upon completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	Understand the importance of Leadership	K1, K4
CO2	Summarize the leadership Styles	K2,K5
CO3	Analyze the Motivation required for an Effective Leader	K4, K5
CO4	Formulate policies to understand Conflict Management	K4,K6
CO5	Explain the leadership styles of Women in Politics and Business	K2,K4,K6

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	14	15	15
Weighted percentage of Course Contribution to Pos	3	3	2.8	3	3

| Semester-IV | Core Course –XI (CC)-
Agricultural Economics | Code: 23P4E18 | Credits-5 | Hours-6 |

AGRICULTURAL ECONOMICS

Learning Objectives:

1. *To enable the students to understand the importance of agriculture,*
2. *To make the students to know the problems of rural indebtedness and sources of agricultural finance,*
3. *To know the students to understand the issues involved in agricultural marketing and the Public Distribution System in India.*

Unit I: **Agriculture and Farm Management:** Nature and Scope of Agricultural Economics-Relation between Agriculture and Industry-Role of Agriculture in Economic Development-Returns to Scale and Farm Size-Principles of Choice and resource allocation-Cost concept and Cost Minimization-Specialisation-Diversification-Advantages- Risk and Uncertainty- types of uncertainty and risk- steps against risk and uncertainty- amount of risk taking-Farm manager concept- tools of farm management analysis and Significance.

Unit II: **Indian Agriculture under Five Year Plans:** Progress of Agriculture under the Five Year Plans-Present position of Indian Agriculture-Looming Crisis-New Agricultural Strategy-First, Second and third phase of Green Revolution India: Achievements, Failures, Problems and impact of W.T.O. and Indian Agriculture.

Unit III: **Organisation of Rural Credit in India:** The Problem of Rural Indebtedness-Sources of Rural Credit-Rural Co-operative Credit Societies-Co-operative Agriculture and Rural Development Banks (CARDBs)-State, Commercial Banks and Rural Credit-Lead Bank Scheme (LBS)-NABARD and (RRB) Rural Regional Bank and its role in rural credit- Farm Income Insurance Schemes-Micro Finance-Kissan Credit Cards-Non-Institutional sources of rural credit. .

Unit IV: **Land Reforms and Agricultural Labour:** Land Reforms-Nature and Significance of Land reforms-Abolition of Intermediaries-Tenancy Reforms-Ceiling on Land Holdings-Agricultural Labour and Minimum Wages-Abolition of Bonded Labourers-Problems of Agricultural Unemployment-Mahatma Gandhi National Rural Employment Guarantee Scheme: Progress, Achievements and challenges.

Unit V: **Agricultural Marketing and Warehousing:** Co-operative Marketing-

Regulated Market- National Agricultural Co-operative Marketing Federation of India- Defects of Agricultural Marketing-Warehousing in India-Food Security in India- Public Distribution System in India.

Textbooks

1. Subba Reddy S ,Raghu Ram P ,T.V NeelakantaSastry and I.Bhavani Devi(2019   ) Agricultural Economics , Second Edition ,Oxford & IBH Publishing Co Pvt.Ltd
2. Dantwala M.L (ed) (1991), Indian Agricultural Development since Independence(Oxford and IBH Publishing company private limited, New Delhi).

References:

1. Barkley, A., & Barkley, P. W. (2016). Principles of agricultural economics. Routledge.
2. Sloman, J., Norris, K., & Garrett, D. (2013). Principles of economics. Pearson Higher Education AU.
3. Colman, D., & Young, T. (1989). Principles of agricultural economics: markets and prices in less developed countries. Cambridge University Press.

Web resources:

1.   http://www.rvskvv.net ›   images   ›   Principles-of-Agri...
2.   https://zalamsyah.files.wordpress.com ›   2018/02   ›   2...
3. http://archive.mu.ac.in › myweb_test › M.A. PAR...

Course Outcomes (Cos):

No.	Course Outcomes	K-Levels
CO1	Understand the Relevance of Agricultural Economics	K1, K2, K4
CO2	Review the role of Agricultural Labour	K4, K5
CO3	Analyze the trends in Agricultural Prices and the importance of Finance in the Agricultural Sector	K1, K3, K4
CO4	Evaluate the importance of Marketing in Agriculture	K1, K3
CO5	Identify the impact of Globalisation and WTO on Indian Agriculture	K5, K4

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	2	3	3	3	2	3
CO2	3	3	2	2	3	2
CO3	3	3	2	2	3	3
CO4	3	3	2	2	3	2
CO5	3	2	2	2	3	2
Weightage	14	14	12	13	14	12
Weighted percentage of Course Contribution to Pos	2.8	2.8	2.4	2.6	2.8	2.4

PUBLIC ECONOMICS

Unit I: **Nature, Scope and Objectives of Public finance:** - Public Finance and Private Finance –Public Goods and Private Goods – Principle of Maximum Social Advantage – Dalton's tests of Social Advantages - Classical Theory of Public Finance – Keynesian Theory of Public Finance - Need for Government Activity - Role of Public Finance in Developing countries.

Unit II: **Public Revenue:** Source and Classification- Taxation: Direct and Indirect Taxes- Objectives, Principles and Canons–Incidence and Shifting of Taxation –- Effects of Taxation – Factors determine taxable capacity – Latest Developments in Taxation: Goods and Services Tax (GST)-Advantages and Disadvantages.

Unit III: **Public Expenditure:** Classification of Public Expenditure – Musgrave's views on Public Expenditure – Market Failure - Canons and Principles of Public Expenditure –Increase of Public Expenditure: Causes and Effects - Controlling measures for increase of Public expenditure – Role of Public Expenditure in Developing Countries.

Unit IV: **Public Debt:** Classifications and Objectives - Causes and Effects of Public Debt – Principles of Public Debt Management –Provisions for repayment of Public debt – Burden of Public Debt-Need for Public Debt in Developing Economy - Deficit Financing and Deficit Budgeting - Purpose of Deficit Financing – Evil effects of Deficit Financing – Limits of Deficit Financing.

Unit V: **Fiscal Policy & Financial Commission** Fiscal Policy and Fiscal Federalism Objectives and Instruments of Fiscal policy –Compensatory Fiscal policy – Fiscal policy for Economic stability and growth– Effectiveness of fiscal policy- Fiscal federalism – Role of finance commission – Principles – Recommendations of 14th Finance Commission and Terms of Reference of the 15th Finance Commission – Transfer of resources from Union and States and States to Local Bodies.

Text Books:

1. Tyagi B.P., Public Finance, Jai Prakash Nath & Company, 2014
2. AmerashBagchi (2005), Readings in Public Finance, OUP, New Delhi.
3. Musgrave .R and B. Musgrave, Public finance in theory and Policy, Latest Edition.
4. Sankaran. S, Fiscal Economics, Margham Publications, Chennai, Latest Edition.
5. Agarwal.R.C, Public Finance: Theory and Practice, Latest edition.

References:

1. AmerashBagchi (2005), Readings in Public Finance, OUP, New Delhi.
2. Rao, M. Govida and Nirvikar Singh, (2005), The Political Economy of Federalism in India, Oxford University Press, New Delhi.
3. Government of India, Economic Survey (Annual issues). Ministry of Finance, New Delhi. Tamilnadu State Council for Higher Education 15.

Web Resources:

1. https://www.india.gov.in/my-government/documents/policy
2. http://www.niti.gov.in 3) https://www.indiabudget.gov.in/

Course Outcomes (Cos):

Upon Completion of this course, the students will be able

No.	Course Outcomes	K-Levels
CO1	To label and interpret the basic theories of public finance.	K1,K2,
CO2	To explain, identify and analyse the public expenditure.	K2,K3,
CO3	To recall, outline and determine about taxes	K1,K2,K5,
CO4	To organize, examine and evaluate about fiscal policy.	K3,K4,
CO5	To summarize, develop and explain about Indian public finance.	K2,K3,K5,

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 – Create.

Syllabus with Learning Outcomes

1) To understand the causes for increase of Public Expenditure in India.

2) To know the financial relationship between Centre and State Government.

3) To analyze the role of Fiscal Policies for the effective financial operations of India.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to Pos	3.0	3.0	3.0	3.0	3.0

Semester-IV	Elective Course VI Economics of Development	Code: 23P4E20EC	Credits-4	Hours-4

ECONOMICS OF DEVELOPMENT

Course Outcomes:

After the completion of this course, the students will be able to
CO1: Understand the various concepts and measures of economic development
CO2: Evaluate the various theories of economic development
CO3: Know the dualistic theories of development
CO4: Identify the problems of Human Capital Formation
CO5: Critically assess the grand theories of economic growth

Unit I: **Economic Development and Growth:** Economic Development and Growth: Concepts and Measurements – Physical Quality of Life Index and Human Development Index - Characteristics of Developing Countries – Economic and Non-Economic Factors in Economic Development – Vicious Circle of Poverty- Millennium Development Goals-Sustainable Development Goals.

Unit II: **Theories of Economic Development:** Historical Approach: Marxian Theory of Stages of Economic Growth- Rostow's Stages of Economic Growth- -Nurkse's Theory of Disguised Unemployment as a Saving potential- Lewis Theory of Economic Development with Unlimited Supplies of Labour.

Unit III: **Dualism:** Dualistic Theories of Development-Social Dualism-Technological Dualism and Financial Dualism-The Dependency Theory of Underdevelopment- Myrdal's Theory of Circular Causation.

Unit IV: **Human Capital:** Meaning, Importance and Problems of Human Capital Formation-Nelson's Model of Low Level Equilibrium Trap-The Big-Push Theory- Doctrines of Balanced and Unbalanced growth.

Unit V: **Grand Theories of Economic Growth:** Adam Smith, David Ricardo and Karl Marx-Harrod-Domar's Model-Joan Robinson's Model of Capital Accumulation.

Text Books:

1. Jhingan M.L. Jhingan B K.,2019 The Economics of Development and Planning.,42 ed.,Vrinda Publications

2. Agrawal, A.N., Indian Economy: Problems of Development and Planning

References

1. Michael P. Todaro and Stephen C. Smith (2004), Economic Development, Pearson Education, Singapore cha- 2, 6,7, 8.

2. Yujiro Hayami (2003), Development Economics: Oxford University Press, New Delhi.

3. Debraj Ray (2009), Development Economics, Oxford University Press, New Delhi.

Web Resources

1. https://economicsconcepts.com/human_development_index_(hdi).ht m
2. https://hdr.undp.org/data-center/human-development-index#/indicies/HDI
3. https://web.stanford.edu/~chadj/facts.pdf

Course Outcomes (Cos):

Upon Completion of this course, the students will be able to

No.	Course Outcomes	K-Levels
CO1	Understand the concepts of Development	K_1, K_2, K_3
CO2	Acquire knowledge about the theories of economic development	K_1, K_2, K_3
CO3	Ability to understand the concepts related to Poverty , Inequality, Health and Education	K_1, K_2, K_3
CO4	Gain knowledge about the insights of Rural Development	K_1, K_2, K_3, K_4, K_5
CO5	Understand the role of State in Fiscal Management	K_1, K_2, K_3, K_4, K_5

K_1 – Knowledge, K_2 - Understand, K_3 – Apply, K_4 – Analyse, K_5 – Evaluate, K_6 – Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	3
CO2	3	3	3	2	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	2	3
Weightage	15	15	15	12	15
Weighted percentage of Course Contribution to Pos	3	3	3	2.4	3

Semester-IV	Skill Enhancement Course-III – Personality Development	Code: 23P4E21SEC	Credits-2	Hours-4

PERSONALITY DEVELOPMENT

Course Objectives:

1. To mark the students able and effective leadership and personality development
2. To learn the self-evaluation skill

Unit I: Concept of Personality: Personality - Definition and meaning, Importance, Leadership and Management, Leader vs Manager, Essential qualities of an effective leader

Unit II: **Personality Characteristics:** Personality: Concept and Definition, Determinants of personality, Personality traits, Personality characteristics in organizations

Unit III: Self-evaluation: Self-evaluation, Locus of control, Self-efficacy, Self-esteem, Self-monitoring: Positive and negative Impact. Organizational Context of Leadership and Personality - Contemporary Business Leaders.

Unit IV: Qualities of Personality Development: Body language - Problem-solving - Conflict and Stress Management - Decision-making skills - Character building -Team-work – Time management - Work ethics and etiquette.

Unit V: Aspects of Employability: Resume building- Interactive session – Facing the Personal (HR & Technical) Interview – Self Introduction - Psychometric Analysis - Mock Interview Sessions.

Textbooks:

1. Parikh, M., & Gupta, R. K. (2010). *Organisationalbehaviour*. Tata McGraw Hill Education Pte. Limited.
2. Mullins, L. J., & McLean, J. E. (2019). *Organisationalbehaviour in the workplace*. Harlow: Pearson.

References:

1. Hofmann, D. A., & Jones, L. M. (2005). Leadership, collective personality, and performance. *Journal of Applied psychology*, *90*(3), 509.
2. Aurther, J. (2006). *Personality development*. Lotus Press.

3. Roberts, B. W. (2006). Personality development and organizational behavior. *Research in organizational behavior*, *27*, 1-40.

Web References

1. https://hbr.org/2017/09/could-your-personality-derail-your-career

2. https://au.indeed.com/career-advice/resumes-cover-letters/personal-skills

3.https://socialsci.libretexts.org/Courses/College_of_the_Canyons/COMS_246%3A_Inter

personal_Communication_(Leonard)/2%3A_Communication_and_the_Self/2.1%3A_Self-

Concept%2C_Self-Esteem_and_Self-Efficacy

Course Outcomes (Cos):

Upon Completion of this course, the Students will be able to

No.	Course Outcomes	K-Levels
CO1	Understand the importance of personality development	K1, K2, K3
CO2	To evaluate the Characteristics of Personality	K3, K5
CO3	Examine and analyse the concept of Self-evaluation	K2, K4
CO4	Describes the concept of Qualities of Personality Development	K1, K2
CO5	Create the self-evaluation and Organizational Context of Leadership and Personality	K1, K4, K5

K1 – Knowledge, K2 - Understand, K3 – Apply, K4 – Analyse, K5 – Evaluate, K6 –

Create.

CO-PO Mapping (Course Articulation Matrix)

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	2	3	3	3	2	3
CO2	3	3	3	3	2	3
CO3	3	2	3	2	2	3
CO4	3	2	2	2	3	3
CO5	3	2	2	2	3	3
Weightage	14	12	13	14	12	15
Weighted percentage of Course Contribution to Pos	2.8	2.4	2.6	2.8	2.4	3