M.A. ECONOMICS
LOCF SYLLABUS 2023

Department of Economics
School of Management Studies
St. Joseph's College (Autonomous)
Tiruchirappalli - 620 002, Tamil Nadu, India

Vision

Forming globally competent, committed, compassionate and holistic persons, to be men and women for others, promoting a just society.

Mission

- Fostering learning environment to students of diverse background, developing their inherent skills and competencies through reflection, creation of knowledge and service.

- Nurturing comprehensive learning and best practices through innovative and value-driven pedagogy.

- Contributing significantly to Higher Education through Teaching, Learning, Research and Extension.

Programme Educational Objectives (PEOs)

- Graduates will be able to accomplish professional standards in the global environment.

- Graduates will be able to uphold integrity and human values.

- Graduates will be able to appreciate and promote pluralism and multiculturalism in working environment.

Programme Outcomes (POs)

1. Graduates will be able to apply assimilated knowledge to evolve tangible solution to emerging problems.

2. Graduates will be able to analyze and interpret data to create and design new knowledge.

3. Graduates will be able to engage in innovative and socially relevant research and effectively communicate the findings.

4. Graduates will become ethically committed professional and entrepreneurs upholding human values.

5. Graduates imbibed with ethical values and social concern will be able to understand and appreciate cultural diversity, social harmony and ensure sustainable environment.

Programme Specific Objectives (PSOs)

1. Define and apply the fundamental concepts, principles and methods of Economics in Multidisciplinary fields. (K1, K3)

2. Develop and use the analytical skills and intellectual maturity to comprehend the complexities in the working of the economy. (K3, K6)

3. Apply and estimate mathematical and statistical tools in the analysis of emerging economic and social problems. (K3, K5)

4. Understand and infer the research culture and uphold ethical, social and economic responsibilities of environmental sustainability. (K2, K4)

5. Create and integrate entrepreneurial development skills and Corporate Social Responsibilities to build a successful career and to promote social welfare. (K6)

CONTINUOUS INTERNAL ASSESSMENT
Categorizing Outcome Assessment Levels Using Bloom's Taxonomy

Level	Cognitive Domain	Description
K1	Remember	It is the ability to remember the previously learned concepts or ideas.
K2	Understand	The learner explains concepts or ideas.
K3	Apply	The learner uses existing knowledge in new contexts.
K4	Analyse	The learner is expected to draw relations among ideas and to compare and contrast.
K5	Evaluate	The learner makes judgements based on sound analysis.
K6	Create	The learner creates something unique or original.

Question Paper Blueprint for Mid and End Semester Tests

Duration: 2 Hours							Maximum Marks: 60
Section	**K level***						**Marks**
	K1	K2	K3	K4	K5	K6	
A *(no choice)*	7						7 × 1 = 7
B *(no choice)*		5					5 × 3 = 15
C *(either… or type)*			3				3 × 6 = 18
D *(2 out of 3)* — *Courses with K4 as the highest cognitive level*				2			2 × 10 = 20
Courses with K5 as the highest cognitive level wherein one question each on K4 and K5 is compulsory. (Note:K4 has two questions whereas, K5 has no choice.)				1	1		
Courses with K6 as the highest cognitive level wherein one question each on K5 and K6 is compulsory. (Note: **Mid Sem:** K4 has two questions whereas, K5 has no choice; **End sem:** K5 has two questions whereas, K6 has no choice)				Mid Sem		▓	
					End Sem		
				1	1	1	
						Total	**60**

* K4 and K5 levels will be assessed in the Mid semester test whereas K5 and K6 levels will be assessed in the End semester test.

Question Paper Blueprint for Mid and End Semester Tests *(For quantitative courses only)*

Section	K level						Marks
	K1	**K2**	**K3**	**K4**	**K5**	**K6**	
A *(no choice)*	5	4					9 × 1 = 9
B *(either… or type)*			2	1			3 × 5 = 15
C *(2 out of 3)*					1	1*	2 × 18 = 36
						Total	**60**

Duration: 2 Hours — Maximum Marks: 60

NOTE: *K4 and K5 will be assessed in the Mid semester test whereas K5 and K6 will be assessed in the End semester test.*
* K6 compulsory

SEMESTER EXAMINATION
Question Paper Blueprint for Semester Examination

Duration: 3 Hours — Maximum Marks: 100

Section		K level						Marks
		K1	**K2**	**K3**	**K4**	**K5**	**K6**	
A *(no choice, two questions from each unit)*		10						10 × 1 = 10
B *(no choice, two questions from each unit)*			10					10 × 3 = 30
C *(either… or type, one question from each unit)*				5				5 × 6 = 30
D *(3 out of 5, one question from each unit)*	Courses with K4 as the highest cognitive level				3			3 × 10 = 30
	Courses with K5 as the highest cognitive level wherein two K4 questions and one K5 question are compulsory. *(Note: Three questions on K4 and two questions on K5)*				2	1		
	Courses with K6 as the highest cognitive level wherein one question each on K4, K5, and K6 is compulsory. *(Note: Two questions each on K4 and K5 and one question on K6)*				1	1	1	
							Total	**100**

Question Paper Blueprint for Semester Examination *(For quantitative courses only)*

Section	Marks	K level
A	10 × 1 = 10	K1
B	5 × 6 = 30 *(either…or)*	K2 *(Q. No. 11 & 12)* K3 *(Q. No. 13, 14 & 15)*
C	4 × 15 = 60 *(4 out of 5)*	K4 *(Q. No. 16 & 17)* K5 *(Q. No. 18 & 19)* K6 *(Q. No. 20 compulsory)*
Total Marks: 100		

Evaluation Pattern for Part IV One/Two Credit Courses

Title of the Course	CIA	Semester Examination	Total Marks
Internship	100		**100**
UG Skill Enhancement Course (Non Major Elective) Foundation Course **PG** Ability Enhancement Course	20 + 10 + 20 = 50	50 *(External member from the Department)*	**100**
Value Education	50	50 *(CoE)*	**100**

M.A. ECONOMICS							
PROGRAMME PATTERN							
Course Details					Scheme of Exams		
Sem	Course Code	Title of the Course	Hours	Credits	CIA	SE	Final
1	23PEC1CC01	**Core Course - 1:** Advanced Microeconomics	6	6	100	100	100
	23PEC1CC02	**Core Course - 2:** Indian Economic Development and Policy	6	5	100	100	100
	23PEC1CC03	**Core Course - 3:** Statistics for Economists	6	5	100	100	100
	23PEC1ES01	**Elective - 1:** Modern Economic Thought	5	3	100	100	100
	23PEC1ES02	**Elective - 2:** Welfare Economics	5	3	100	100	100
	23PEC1AE01	**Ability Enhancement Course:** Business Management with Tally	2	1	100	-	100
		Total	**30**	**23**			
2	23PEC2CC04	**Core Course - 4:** Public Economics	5	5	100	100	100
	23PEC2CC05	**Core Course - 5:** Mathematics for Economists	6	5	100	100	100
	23PEC2CC06	**Core Course - 6:** Macroeconomic Process	6	5	100	100	100
	23PEC2SP01	**Self-paced Learning:** Economics of Tourism[*]	-	2	50	50	50
	23PEC2ES03A	**Elective - 3:** Agricultural Economics	5	4	100	100	100
	23PEC2ES03B	**Elective - 3:** Behavioural Economics					
	23PSS2SE01	**Skill Enhancement Course:** Soft Skills	4	3	100	-	100
	23PEC2EG01	**Generic Elective - 1 (WS):** Labour Economics	4	3	100	100	100
	-	Extra Credit Courses (MOOC/Certificate Courses) - 1	-	(3)			
		Total	**30**	**27(3)**			
3	23PEC3CC07	**Core Course - 7:** Economics of Growth and Development	7	7	100	100	100
	23PEC3CC08	**Core Course - 8:** Monetary Economics	7	7	100	100	100
	23PEC3CC09	**Core Course- 9:** Econometrics	7	7	100	100	100
	23SMS3CC01	**Common Core:** Human Resource Management	5	4	100	100	100
	23PEC3EG02	**Generic Elective - 2 (BS):** Managerial Economics	4	3	100	100	100
	-	Extra Credit Courses (MOOC/Certificate Courses) - 2	-	(3)			
		Total	**30**	**28(3)**			
4	23PEC4CC10	**Core Course - 10:** International Economics	7	6	100	100	100
	23PEC4CC11	**Core Course - 11:** Research Methodology	6	5	100	100	100
	23PEC4CC12	**Core Course - 12:** Industrial Economics	6	6	100	100	100
	23PEC4ES04A	**Elective - 4:** Optimization Techniques in Economics	5	4	100	100	100
	23PEC4ES04B	**Elective - 4:** Information Economics					
	23PEC4PW01	Project Work and Viva Voce	6	5	100	100	100
	23PEC4CE01	Comprehensive Examination[*]	-	2	50	50	50
	-	Extra Credit Courses (MOOC/Certificate Courses) - 3	-	(3)			
		Total	**30**	**28(3)**			
2 - 4	23PCW4OR01	Outreach Programme (SHEPHERD)	-	4			
1 - 4		**Total (2 years)**	**120**	**110**			

*- for grade calculation 50 marks are converted into 100 in the mark statements

Semester	Course Code	Title of the Course	Hours/Week	Credits
1	23PEC1CC01	**Core Course - 1:** Advanced Micro Economics	6	5

Course Objectives
To make the students to understand consumer behavior and Consumer Choice
To Explore Economics of Information to study real-world applications such as the market for lemons, adverse selection and Principal agent problem
To examine different market structures, including perfect competition, monopoly, monopolistic competition, and oligopoly
To explore alternative theories of firm behavior, such as full-cost pricing, limits pricing theory, Bains Theory, and Modigliani's Models
To grasp the neo-classical approach to distribution, including the marginal productivity theory and the product exhaustion theorem

UNIT I: Consumer Choice   (18 Hours)

Cardinal and ordinal utility - Indifference curve approach – Slutsky's Decomposition of price effect into substitution effect and income effect – Consumer surplus - Marshall's and Hicksian measures – Compensatory Demand Curve- Revealed Preference Theorem- and derivation of Marginal Utility schedule for money income.

UNIT II: Economics of Information   (18 Hours)

Informational asymmetry –- Choice under Uncertainty - N-M Index – Inter-temporal choice - Market for lemons- Adverse selection – Insurance market and adverse selection – Solution to principal agent problem- Hidden action (Moral Hazard) - Signaling and Screening.

UNIT III: Market Structure Models   (18 Hours)

a. Perfect competition – Price and output determination – Optimum firm-

b. Monopoly – Short run and long run equilibrium - Price discrimination monopoly control, and regulation – Contestable Market-

c. Monopolistic competition–Chamberlin Model- selling costs - Excess capacity –

d. Oligopoly – Duopoly price game-dominant strategy-Nash Equilibrium Non-collusive Models - Cournot- Bertrand – Chamberlin – Edgeworth –Sweezy – Stackelberg- Oligopoly - Collusive Models - Cartels and mergers -Price leadership - Base point price system

e. Monopsony – Price and output determination – Workable competition.

UNIT IV: Alternative Theories of Firm   **(18 Hours)**

Full Cost Pricing Rule- Limits pricing theory- Bains Theory- Sylos-Labini Model-Modigliani's Models- Input-output model -Linear programming applications in decision making- Peak Load Pricing – Administered Pricing- Purchasing Power Parity Price.

UNIT V: Distribution Theories   **(18 Hours)**

Neo-classical approach – Marginal productivity theory; Product exhaustion theorem; - Modern theory of distribution – Factor Pricing in imperfect product and factor markets- Determination of Wages –Labour supply and wage determination – Role of trade unions and collective bargaining- Theories of Interest- Theories of Profit.

Teaching Methodology	PPTs -Brainstorming method-Written assignment on Current Issues-Preparation of PPTs by the students-Students are encouraged to handle seminar-Students are motivated to do online quizzing through Jostel

Books for Study

1. Jhingan, M. L. (2004). *Advanced economic theory* (Reprint) Vrindha Publications (P) Ltd.
2. Agarwal, H. S. (n.d). *Micro economic theory*. Ane's Books Pvt. Ltd.

Books for References

1. Varian, H. R. (2004). *Intermediate micro economics*. East-West Press.
2. Roy, R. J. (1992). *Intermediate micro economics*. Harper & Collins Publishers.
3. Koutsyiannis, A. (1978). *Modern micro economics*. Macmillan.

Web Resources

1.http://open.oregonstate.education/intermediatemicroeconomics/chapter/module-1
2.http://saylordotorg.github.io/text_introduction-to-economicanalysis/s16-monopoly.html
3.http://saylordotorg.github.io/text_introduction-to-economicanalysis/s17-games-and -strategic-behaviour.html

CO No.	Course Outcomes	Cognitive Levels (K – Levels)
CO1	To illustrate and analyse the theories of consumer behavior	K1
CO2	To illustrate and identify the choice under uncertainty.	K2
CO3	To compare how price and output is determined in different market situations and evaluate the market structures	K3
CO4	To identify and examine the alternative theories of firms.	K4
CO5	To define, explain, and compare the theory of distribution.	K5
CO6	To Explore distribution theories to understand income distribution and economic equity	K6

Relationship Matrix

Semester	Course code	Title of the Course								Hours	Credits
1	23PEC1CC01	Core Course - 1: Advanced Micro Economics								6	5

Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	2	3	2	3	3	2	2	2	2.5
CO2	3	3	2	2	2	3	3	2	3	3	2.6
CO3	3	1	2	3	2	2	3	2	2	2	2.2
CO4	3	2	2	2	1	3	3	2	2	2	2.2
CO5	3	3	3	3	2	3	3	2	2	3	2.7
CO6	3	3	3	2	2	2	3	2	2	3	2.5
Mean overall Score											2.45 (High)

Semester	Course Code	Title of the Course	Hours/Week	Credits
1	23PEC1CC02	**Core Course - 2:** Indian Economic Development and Policy	6	5

Course Objectives
To develop a comprehensive understanding of the Indian economy's historical growth and structural changes since independence
To analyze the performance and dynamics of the agricultural and industrial sectors in India
To examine the fiscal developments and trends in the financial sector in the post-liberalization period, along with the impact of Goods and Services Tax (GST) on the economy
To evaluate the concepts of poverty and inequality in India and examine the impact of economic growth on poverty
To explore various social sector issues in India
To develop a comprehensive understanding of the Indian economy's historical growth and structural changes since independence

UNIT 1: Introduction (18 Hours)

Growth and Structural Changes in Indian economy during 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 turn around- Structural change in Indian economy.

UNIT 2: Agricultural and Industrial Sector (18 Hours)

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.

UNIT 3: Fiscal Developments (18 Hours)

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.

UNIT 4: Poverty and Inequality **(18 Hours)**

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.

UNIT 5: Social Sector **(18 Hours)**

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 graphic transition.

Teaching Methodology	PPTs -Brainstorming method-Written assignment on Current Issues-Preparation of PPTs by the students-Students are encouraged to handle seminar-Students are motivated to do online quizzing through Jostel

Books for Study
1. Sundaram, K. P. M. (2002). *Indian economy* (42nd revised ed.). S. Chand Publications.
2. Misra, S. & Puri, V. (2020). *Indian economy* (Revised ed.). S. Chand Publications

Books for Reference
1. Basu, K. (Ed.) (2012). *Oxford companion to Indian economy* (3rd ed.). OUP.

2. Kapila, U. (Ed.) (2018). *Indian economy since Independence* (29th ed.). Academic Foundation.

3. Goyal, A. (Ed.) (n.d). *The oxford handbook of the Indian economy in the 21st century: understanding the inherent dynamism*. Oxford University Press.

Web References
1. https://www.adb.org/countries/india/economy
2. https://www.oecd.org/economy/india-economic-snapshot/
https://www.indiabudget.gov.in/economicsurvey/

CO No.	Course Outcomes	Cognitive Levels (K – Levels)
CO1	understand the structural change in Indian economy	K1
CO2	assess the performance of agricultural and industrial sector	K2
CO3	ability to learn the trends in the economy	K3
CO4	understand the impact of poverty	K4
CO5	identify social issues like unemployment, gender disparities	K5
CO6	critically assess the fiscal developments in India	K6

Relationship Matrix											
Semester	Course code	Title of the Course								Hours	Credits
1	23PEC1CC02	Core Course - 2: Indian Economic Development and Policy								6	5
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	2	3	2	3	3	2	2	2	2.5
CO2	3	3	2	2	2	3	3	2	3	3	2.6
CO3	3	1	2	3	2	2	3	2	2	2	2.2
CO4	3	2	2	2	1	3	3	2	2	2	2.2
CO5	3	3	3	3	2	3	3	2	2	3	2.7
CO6	3	2	3	3	2	3	3	2	3	3	2.7
Mean overall Score											2.48 (High)

Semester	Course Code	Title of the Course	Hours/Week	Credits
1	23PEC1CC03	**Core Course - 3:** Statistics for Economists	6	4

Course Objectives
To provide a strong foundation in statistical concepts and develop skills in data handling and research.
To infer the intensity of relationship between multiple variables and building appropriate statistical models.
To analyze test of significance for large and small samples.
To perform ANOVA for both one-way and two-way classifications.
To learn the key definitions and concepts of statistical decision theory.

UNIT I: Probability   (18 Hours)

Probability - Addition and Multiplication Theorems - Conditional Probability - Discrete and Continuous - Random Variables - Mathematical Expectations – Bayes Theorem - Theoretical Distributions - Binomial, Poisson and Normal.

UNIT II: Sampling and Hypothesis Testing   (18 Hours)

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.

UNIT III: Test of Significance Large and Small Sample   (18 Hours)

Difference between Large and Small Samples - Test of Significance for Large Samples - Test for Two Means and Standard Deviations - Proportion and Confidence Interval - Small Sample Test – t-test - Paired t- test - Chi-square Test- Test of Goodness of Fit.

UNIT IV: Analysis of Variance   (18 Hours)

F test: Assumptions in F test - Analysis of Variance: Assumptions – One-Way and Two-Way Classifications

UNIT V: Statistical Decision Theory   (18 Hours)

Definitions – Concepts – Maximin - Minimax - Bayes Criterion - Expected Monetary Value - Decision Tree Analysis: Symbols - Steps - Advantages and Limitations.

Teaching Methodology	PPTs -Brainstorming method-Written assignment on Current Issues-Preparation of PPTs by the students-Students are encouraged to handle seminar-Students are motivated to do online quizzing through Jostel

Books for Study

1. Gupta, S. P. (2017). *Statistical methods*. Sultan Chand & Sons.
2. Anderson., Sweeney., & Williams (2014). *Statistics for business and economics*. Cengage.

Books for References

1. Aggarwal, Y. P. (2002). *Statistics methods – Concepts, application and computation*. Sterling Publishers Private Ltd.
2. Vittal, P. R. (n.d). *Mathematical statistics*. Margham Publications
3. Pillai, R. S. N., & Bagavathi, V. (2010). *Statistics*. Sultan & Chand Sons.

Web Resources

1. https://www.statista.com.
2. https://techjury.net
3. https://dss.princeton.edu/online_help/analysis/interpreting_regression.htm

CO No.	Course Outcomes	Cognitive Levels (K – Levels)
CO1	summarize the basic Probability rules and understand theoretical distributions.	K1
CO2	acquire knowledge on the various sampling methods and testing of Hypotheses	K2
CO3	use 't' test and chi square test for analysis	K3
CO4	understand the importance of one and two way ANOVA	K4
CO5	know the various decision making tools available	K5
CO6	apply statistical decision theory to make informed decisions	K6

Relationship Matrix											
Semester	**Course code**	**Title of the Course**								**Hours**	**Credits**
1	23PEC1CC03	Core Course - 3: Statistics for Economists								6	4
Course Outcomes	**Programme Outcomes (POs)**					**Programme Specific Outcomes (PSOs)**					**Mean Score of COs**
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**	
CO1	3	3	2	3	2	3	3	2	2	2	2.5
CO2	3	3	2	2	2	3	3	2	3	3	2.6
CO3	3	1	2	3	2	2	3	2	2	2	2.2
CO4	3	2	2	2	1	3	3	2	2	2	2.2
CO5	3	3	3	3	2	3	3	2	2	3	2.7
CO6	3	2	3	3	2	3	3	2	2	3	2.6
Mean overall Score											2.46 (High)

Semester	Course Code	Title of the Course	Hours/Week	Credits
1	23PEC1ES01	**Elective - 1:** Modern Economic Thought	5	3

Course Objectives
To trace the ideas of Modern Economists.
To uunderstand the foundational principles of Classical Economic Thought.
To analyze the key aspects of Neo-Classical Economic Thought.
To examine the fundamental tenets of Keynesian Economic Thought.
To evaluate the contributions of Indian economists.

UNIT I: Classical Economic Thought   (15 Hours)

Economic ideas of Irving Fisher –The Quantity theory of Money- Theory of Interest. Joseph Alois Schumpeter - Method of Study –Deductive Method –Inductive Method-Theory of Economic Development- Role of Entrepreneur – Innovation-Business Cycles – Capitalism and Socialism . J.K. Galbraith – The objective of Economic Progress- Concept of Countervailing Power.

UNIT II: Neo Classical Economic Thought   (15 Hours)

RagnarNurske – Foreign Resources – Capital Formation –Disguised Unemployment **,**Mrs-Joan Robinson –Imperfect Competition – F.Y .Edgeworth –Mathematical Economic Analysis –Three Dimensional Utility

UNIT III: Keynesian Economic Thought   (15 Hours)

Lord Lionel Robbins – Definition of Economics-Causes of Depression -Milton Friedman – Quantity Theory of Money –Permanent Income Hypothesis ,Friedman and Savage Hypothesis , Paul A.Samuelson –Impact of Keynesian Economics –Revealed Preference Theory –Business Cycles –Social Welfare Function-Samuelson's Utility Possibility Approach

UNIT IV: Post Keynesian Economic Thoughts   (15 Hours)

Ideas of Modern Indian Economists-R.K.Mukerjee- Institutional theory of Economics-Regional Economics - Ecological Theory of Population -Planning in India, J.K.Mehta – Static and Dynamic Economics -Economics of Welfare -Economics of Growth and Development-Economics of Fast

UNIT V: Indian Economists   **(15 Hours)**

C.N.Vakil -Planning- Wage -Goods Model-Role of Technological Progress-Poverty -Deficit Financing and Public Expenditure, V.K.R.V.Rao -Economic Activities -Institutional Development-Deficit Financing-Fiscal Policy-Human Factor in Economic Growth-AmartyaKumarSen – Poverty and Famine ,Poverty and Inequality-Concept of Capability-Entitlement -Choice of Techniques.

Teaching Methodology	PPTs -Brainstorming method-Written assignment on Current Issues-Preparation of PPTs by the students-Students are encouraged to handle seminar-Students are motivated to do online quizzing through Jostel

Books for Study

1. Kulshrestha, U. C. (1994). *History of economic thought*. Lakshmi Narain Agarwal

2. Sankaran, S. (2006). *A history of economic thought*. Margham Publications

Books for Reference

1. Roll, E. (1956). *A history of economic thought*. Prentice Hall, Inc.

2. Srivastava, P. (2018). *Economic thinkers*. DND Publications.

3. Jhingan, M. L., Girija, M. & Sasikala, L. (2011). *History of economic thought*. Vrindha Publications

Web Resources

1. https://ebrary.net/112930/history/a_brief_history_of_economic_thought

2. https://www.exploring-economics.org

3. https://www.econlib.org

CO No.	Course Outcomes	Cognitive Levels (K –Levels)
CO1	Understand modern economic concept of role of Entrepreneur Innovation, Business Cycles and Capitalism and Socialism.	K1
CO2	Ability to understand about Capital Formation, Disguised Unemployment Imperfect Competition and Mathematical Economic Analysis	K2
CO3	Understand the ideas of Permanent Income Hypothesis, Revealed Preference Theory, Social Welfare Function and Samuelson's Utility Possibility Approach	K3
CO4	Gain knowledge about the ideas of Modern Indian Economists-Regional Economics, Ecological Theory of Population - Economics of Growth and Development-Economics of Fast	K4
CO5	Understand economic ideas like role of Technological Progress-Poverty -Deficit Financing and Public Expenditure, Human Factor in Economic Growth and Inequality and Concept of Capability	K5
CO6	Synthesize various economic theories and concepts proposed by classical, neo-classical, Keynesian, and post-Keynesian economists.	K6

Relationship Matrix											
Semester	Course code	Title of the Course								Hours	Credits
1	23PEC1ES01	Elective - 1: Modern Economic Thought								5	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	2	3	2	3	3	2	2	2	2.5
CO2	3	3	2	2	2	3	3	2	3	3	2.6
CO3	3	1	2	3	2	2	3	2	2	2	2.2
CO4	3	2	2	2	1	3	3	2	2	2	2.2
CO5	3	3	3	3	2	3	3	2	2	3	2.7
CO6	3	3	3	2	2	3	2	2	3	2	2.5
Mean overall Score											2.45 (High)

Semester	Course Code	Title of the Course	Hours/Week	Credits
1	23PEC1ES02	Elective - 2: Welfare Economics	5	3

Course Objectives
To understand the core concepts and principles of welfare economics
To compare and contrast cardinal and ordinal approaches in welfare economics
To examine the conditions for Pareto optimality and its application in perfect competition
To analyze the concepts and applications of New Welfare Economics
To Study the theories of social choice

UNIT I: Introduction to Welfare Economics (15 Hours)

Welfare Economics: Meaning- Concepts: Individual and Social Welfare- Value Judgments-Preferences and Utility - Utility function: Properties - Interpersonal comparisons of utility: degrees of interpersonal comparability. –Social Welfare Function: –Bentham's Utilitarianism-Pigouvian Welfare Economics.

UNIT II: Approaches to Welfare (15 Hours)

Cardinal and Ordinal Approaches- Hicks's Four Measures of Consumers' Surplus- Partial and General Equilibrium- Edgeworth Box Diagram- General Equilibrium of Production and Exchange.

UNIT III: Pareto Optimality Conditions (15 Hours)

Pareto-Optimality Criterion -Definition-Marginal Conditions of Pareto Optimum – Perfect Competition and Pareto Optimality- Exceptions –Externalities – Public Goods and Market Failure – Theory of Second Best.

UNIT IV: New Welfare Economics (15 Hours)

New Welfare Economics – Kaldor- Hicks Compensation Criterion – Utility Possibility Curve -Shortcomings – Scitovsky Paradox – Scitovsky's Double Criterion of Welfare– Little's Criterion.

UNIT V: Theories of Social Choice   **(15 Hours)**

Utility Possibility Curve and Frontier Grand Utility Possibility Curve- Iso Welfare Curves Arrow's Impossibility Theorem –Amartya Sen and Capability Theorem –   Rawls Theory of Social Justice.

Teaching Methodology	PPTs -Brainstorming method-Written assignment on Current Issues-Preparation of PPTs by the students-Students are encouraged to handle seminar-Students are motivated to do online quizzing through Jostel

Books for Study

1. Verma, K. N. (2012). *Microeconomic theory*. Vishal Publishing House

2. Johannson, P. O. (2009). *An introduction to modern welfare economics*. Cambridge University Press.

Books for References

1. Arrow, K. J. (1963). *Social choice and individual values* (2nd ed.). Cowles Foundation Monograph 12, Yale University.

2. Bossert, W., & Suzumura, K. (2010). *Consistency, choice and rationality.* Harvard University Press.

3. Broadway, R.W., & Bruce, N. (1984). *Welfare economics*. Basil Blackwell.

Web Resources

1. https://conceptually.org/concepts/pareto-principle

2. https://web.stanford.edu/~jdlevin/Econ 202/General Equilibrium.pdf

3. https://policonomics.com/lp-welfare-economics1-general-equilib…

CO No.	Course Outcomes	Cognitive Levels (K –Levels)
CO1	summarize the Contribution to welfare economics	K1
CO2	analyse the different approaches to welfare economics	K2
CO3	interpret the development of Pareto Optimality conditions	K3
CO4	Explain the compensation Criteria of Economics	K4
CO5	Evaluate and critique the theories of Social Choice.	K5
CO6	Apply the Pareto optimality criterion to various economic scenarios,	K6

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Relationship Matrix											
Semester	**Course code**	**Title of the Course**								**Hours**	**Credits**
1	23PEC1ES02	Elective - 2: Welfare Economics								5	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	2	3	2	3	3	2	2	2	2.5
CO2	3	3	2	2	2	3	3	2	3	3	2.6
CO3	3	1	2	3	2	2	3	2	2	2	2.2
CO4	3	2	2	2	1	3	3	2	2	2	2.2
CO5	3	3	3	3	2	3	3	2	2	3	2.7
CO6	3	2	3	3	2	2	3	2	2	3	2.5
Mean overall Score											2.45 (High)

Semester	Course Code	Title of the Course	Hours/Week	Credits
1	23PEC1AE01	**Ability Enhancement Course:** Business Management with Tally	2	1

Course Objectives
To understand the nature of a business organization
To explore flexible purchase and sales management
To gain proficiency in inventory management
To familiarize with banking and job work functionalities
To learn to generate and analyze accounting and financial reports

UNIT I: Simple Accounting Management (6 Hours)

Pre-Defined accounting groups and flexible chart of accounting – Groups and Ledgers management – Multi Currency support – Post-dated transactions

UNIT II: Flexible purchase and Sales Management (6 Hours)

GST compliant invoice – Multiple billing formats – Multiple price list and discount management – multiple mailing address – sales and purchase order processing

UNIT III: Inventory Management (6 Hours)

Physical stock Verification - Manufacture and expiry date management – Flexible unit of measurement – Job costing –Reorder level - Multiple stock valuations

UNIT IV: Banking and Job work (6 Hours)

Auto Configuration - Cheque book management – Auto Bank reconciliation – Post-dated cheque management – E payment – Job Order and Work Processing

UNIT V: Accounting and Financial Reports (6 Hours)
Ledger reports – Cash/Bank Report – Bill receivable and payment – balance sheet – profit and loss A/C – Stock Summary – Stock Transfers – Order Summery

Teaching Methodology	PPTs -Brainstorming method-Written assignment on Current Issues-Preparation of PPTs by the students-Students are encouraged to handle seminar-Students are motivated to do online quizzing through Jostel

Books for Study

1. (2020). *Tally.ERP 9 with GST in simple steps (Paperback).* DT Editorial Services.

2. Agrawal, N. (2019). *Comdex Tally.ERP 9 course lit.* Dreamtech press.

Books for References

1. Nadhani, A. K. (2018). *Tall. ERP 9 training guide.* BPB Publications.
2. Gupta, V. (2018). *Comdex Tally.ERP 9 course kit with GST and MS Excel.* Dream tech press.
3. Singh, S. (n.d). Tally Erp 9. Vand S Publishers

Web Resources

1. https://tallysolutions.com/learning-hub/
2. https://www.rivereastlibrary.org/Pages/Index/183493/tech-time-online-resources-with-tally
3. https://www.tallysoft.com/wp-content/uploads/2017/07/TallyExplorer-Manual_v5.1.0.0.pdf

CO No.	Course Outcomes	Cognitive Levels (K –Levels)
CO1	Learn to create Banking Transactions and E- payment	K4
CO2	Acquire knowledge about Accounting and Inventory Reports in Tally ERP	K5
CO3	Generate and interpret a variety of accounting and financial reports.	K6

Relationship Matrix											
Semester	**Course code**		**Title of the Course**							**Hours**	**Credits**
1	23PEC1AE01	Ability Enhancement Course: Business Management with Tally								2	1
Course Outcomes	**Programme Outcomes (POs)**					**Programme Specific Outcomes (PSOs)**					**Mean Score of COs**
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**	
CO1	3	1	2	3	2	2	3	2	2	2	2.2
CO2	3	2	2	2	1	3	3	2	2	2	2.2
CO3	3	3	3	3	2	3	3	2	2	3	2.7
Mean overall Score											2.36 (High)

Semester	Course Code	Title of the Course	Hours/Week	Credits
2	23PEC2CC04	**Core Course - 4:** Public Economics	5	5

Course Objectives
To recall the role and functions of the government in a modern Economy
To discuss the concept of market failure and its remedial measures.
To analyse the concepts and theories of Public Economics
To evaluate the financial relations between Centre, state and local Governments.
To design mock budget.

UNIT I: GOVERNMENT AND THE ECONOMY   (15 Hours)

Major economic functions of the economy: Allocation function, Distribution function, Stabilization function - Private Goods, Public foods and Merit goods - Market Failure - Externalities- Informational Asymmetry - Theory of Second Best: Private and public mechanism for allocating resources, Problems in allocation of resources, Problems of Preference revelation and aggregation of preferences, Voting Systems, Arrows Impossibility Theorem.

UNIT II: PUBLIC REVENUE & PUBLIC EXPENDITURE   (15 Hours)

Concepts: Public Revenue- Sources- Benefit theory and Ability to pay approaches -Theory of optimal taxation; Excess burden of taxes; Trade-off between equity and efficiency. Theory of incidence; Alternative concepts of incidence-Allocative and equity aspects - Public Expenditure: Wagner's law of increasing state activities; Wiseman-Peacock- hypothesis; Pure theory of public expenditure; Structure and growth of public expenditure; Social Cost-benefit Analysis.

UNIT III: PUBLIC DEBT, BUDGET AND FISCAL POLICY   (15 Hours)

Classical view of public debt- Compensatory aspect of debt policy;-Burden of public debt -Sources of public debt; Public borrowings and price level; Crowding out of private investment and activity-Principles of debt management and repayment- Fiscal policy: objectives of fiscal policy- Interdependence of fiscal and monetary policies - concepts of Budget- Budgetary deficits and its implications; Fiscal policy for stabilization - automatic vs. discretionary stabilization.

UNIT IV: FISCAL FEDERALISM   (15 Hours)

Meaning and Importance of Federal Finance-Principles of multi-unit finance; Fiscal federalism in India; Vertical and horizontal imbalance- Functions of Finance Commission-Assignment of functions and sources of revenue, Constitutional provisions- Recent Finance Commission, Resources transfer from Union to States and Local bodies - Criteria for transfer of Resources; Centre-state financial relations in India - Local Finances: Functions and Revenues

UNIT V: Indian Public Finance   (15 Hours)

Indian tax system; Revenue of the Union, States and Local bodies; Major taxes in India: base of taxes, direct and indirect taxes, Reforms in direct and indirect taxes, taxes on services - GST; Non-tax revenue of Centre, State and Local bodies; Trends in Public expenditure and public debt; Fiscal crisis and fiscal sector reforms in India.

Teaching Methodology	• PPTs • ICT • Brainstorming method • Written assignment on Current Issues • Preparation of PPTs by the students

	• Students are encouraged to handle seminar • Students are motivated to do online quizzing through Jostel

Books for Study
1. Singh, S. K., (2014). *Public Finance Theory and Practice*. S. Chand & Co. Ltd.
2. Tyagi, B. P. (2012). *Public Finance.* Jai Prakash Nath.

Books for Reference

1. *Reports of various finance commissions.*
2. Kennedy, M. M. J. (2012). *Public Finance*. PHI Learning Pvt. Ltd.
3. Jha, R. (1998). *Modern Public Economics.* Routledge.
4. Musgrave, R. A., & Musgrave, P. B. (1976). *Public Finance in Theory and Practice*. McGraw-Hill.
5. Spulber, N. (1998). *Redefining the State*. Cambridge University Press.
6. Buchanan, J. M. (1968). *The Demand and Supply of Public Goods*. R and McNally.
7. Peacock, A., & Robertson, D. J. (Eds). (1963). *Public Expenditure: Appraisal and Control.*
8. Gulati, I. S. (1979). *Centre State Financial Relations: An Assessment of the Role of Finance Commission.* M.S. University of Baroda.

Websites and eLearning Sources

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

Course Outcomes		
CO No.	**CO-Statements** On the successful completion of this course, the students will be able to	**Cognitive Levels (K - Level)**
CO1	recall the role and functions of the government in a modern Economy	**K1**
CO2	discuss the concept of market failure and its remedial measures.	**K2**
CO3	apply monetary and fiscal measures to stabilize the economy.	**K3**
CO4	analyse the concepts and theories of Public Economics.	**K4**
CO5	evaluate the financial relations between Centre, state and local Governments.	**K5**
CO6	design mock budget.	**K6**

Relationship Matrix										
Semester	**Course Code**		**Title of the Course**						**Hours**	**Credits**
2	**23PEC2CC04**		**Core Course - 4:** Public Economics						**5**	**5**
Course Outcomes	**Programme Outcomes (POs)**					**Programme Specific Outcomes (PSOs)**					**Mean Score of COs**
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**	
CO1	3	2	2	2	2	3	3	2	2	2	**2.3**
CO2	2	3	2	2	3	2	2	2	2	2	**2.2**
CO3	2	2	2	2	2	3	2	2	2	2	**2.1**
CO4	3	2	2	2	2	3	3	2	2	1	**2.2**
CO5	2	2	2	2	2	3	3	2	2	2	**2.2**
CO6	3	2	3	2	2	3	2	2	3	2	**2.4**
									Mean Overall Score		**2.6 (High)**

Semester	Course Code	Title of the Course	Hours/Week	Credits
2	23PEC2CC05	**Core Course - 5:** Mathematics for Economists	6	5

Course Objectives
To understand and apply the fundamental concepts of analytical geometry.
To become proficient in concepts related to functions, limits, continuity, and derivatives.
To learn the rules of partial differentiation and develop the ability to interpret partial derivatives.
To grasp the rules of integration and apply them to calculate total cost and total revenue
To become familiar with different types of matrices and perform basic matrix operations.

UNIT I: Analytical Geometry   (18 Hours)
Straight lines - Slope Intercept form- Slope point form - Two point form - intercepts form - General form - Application of Linear Equations in Economics - quadratic equations and solution - applications - Demand and Supply curves - Determination of equilibrium price and quantity.

UNIT II: Differentiation   (18 Hours)
Concept of function and types of functions: Limit, continuity and derivative- Rules of differentiation- interpretation of revenue, cost, demand and supply functions, Elasticity and their types, Problems in maxima and minima and optimization of firm.

UNIT III: Partial Differentiation   (18 Hours)

Rules of partial differentiation and interpretation of partial derivatives - Maxima and Minima, constrained optimization in simple economic problems.

UNIT IV: Integration   (18 Hours)

Simple rules of integration - Application in Total Cost and Total Revenue, definite integral - Application in consumer surplus and producer surplus (marginal cost and marginal revenue).

UNIT V: Matrix   (18 Hours)
Matrix: Types, simple operations in matrices - Addition - Subtraction and Multiplication - Transpose of Matrix and rank of a matrix - Determinant and their basic properties - solution of simultaneous equations through Cramer's rule and Inverse method - Applications of Matrices and determinants in Business and Economics.

Teaching Methodology	- PPTs - ICT - Brainstorming method - Written assignment on Current Issues - Preparation of PPTs by the students - Students are encouraged to handle seminar - Students are motivated to do online quizzing through Jostel

Book for Study
1. Aggarwal, S. C., Rana, R. K., & Leena, G. (2020). *Mathematics for Economists.* VK Global Publications Pvt Ltd.

Books for Reference

1. Allen, R. G. D. (2008). *Mathematical Analysis for Economics*. Macmillan.
2. Chiang, A. C., & Wainwright, K. (2005). *Fundamental Methods of Mathematical Economics*. McGraw Hill.
3. Weber, J. E. (1976). *Mathematical Analysis - Business and Economic Applications*. Harper & Row.
4. Joshi, R. C., Agarwal, C. S. (2017). *Mathematics for Students of Economics*. New Academic Publishing Co.

Websites and eLearning Sources

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

CO No.	CO-Statements On the successful completion of this Course, the students will be able to	Cognitive Levels (K - Level)
Course Outcomes		
CO1	describe and apply various forms of linear equations in analytical geometry	**K1**
CO2	interpret the economic significance of linear equations in demand and supply analysis.	**K2**
CO3	apply the rules of differentiation to analyze economic functions such as cost, revenue, and demand.	**K3**
CO4	analyze economic problems involving maxima and minima using differentiation and partial differentiation.	**K4**
CO5	develop and solve economic optimization problems using differentiation and partial differentiation	**K5**
CO6	evaluate the appropriateness of various mathematical techniques in solving real-world economic problems.	**K6**

Relationship Matrix											
Semester	**Course Code**	**Title of the Course**								**Hours**	**Credits**
2	**23PEC2CC05**	**Core Course - 5:** Mathematics for Economists								6	5
Course Outcomes	**Programme Outcomes (POs)**					**Programme Specific Outcomes (PSOs)**					**Mean Score of COs**
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	2	3	3	3	1	1	2	3	2	3	**2.3**
CO2	3	2	2	3	1	1	3	3	2	2	**2.2**
CO3	3	3	3	3	2	1	2	3	2	1	**2.3**
CO4	3	3	2	3	1	3	3	2	2	1	**2.3**
CO5	3	3	2	2	1	2	3	2	3	3	**2.4**
CO6	3	3	2	2	1	2	3	2	3	3	**2.4**
										Mean Overall Score	**2.3 (High)**

Semester	Course Code	Title of the Course	Hours/Week	Credits
2	23PEC2CC06	Core Course - 6: Macroeconomic Process	6	5

Course Objectives
To know the concepts and measurement of calculating National Income
To understand the various theories used in Macroeconomics for national development.
To describe the circular flow of Income in various sectors.
To assess the Various Fluctuations in Business.
To compile the ratio of investment through multiplier and accelerator in economics.

UNIT I: National Income and Social Accounting (18 Hours)
Circular Flow of income in Two, Three and Four sector economy - Different forms of National Income Accounting - Social accounting, Input - output accounting, Flow of funds accounting and Balance of Payment Accounting - uses of National Income Analysis.

UNIT II: Consumption Function (18 Hours)
Keynes Psychological Law of Consumption - implications of the Law, short run and long - run consumption function - Empirical evidence on Consumption function, Income - consumption relationship - Absolute Income, Relative Income, Permanent Income and Life cycle Hypotheses.

UNIT III: Investment Function (18 Hours)
Marginal Efficiency of Investment and level of investment, Marginal Efficiency of Capital and Investments - long - run and short - run - Multiplier – Accelerator – Super Multiplier.

UNIT IV: IS-LM (18 Hours)
Investment - Saving (IS) - Liquidity and Money Supply (LM) - Factors determines the savings and investment - J.M. Keynes model of IS -LM - pros and cons of IS-LM model.

UNIT V: Business Cycles (18 Hours)
Phases of Business Cycle - Theories of Trade cycle Samuelson, Kaldor, Schumpeter and Hicks.

Teaching Methodology	- PPTs - ICT - Brainstorming method - Written assignment on Current Issues - Preparation of PPTs by the students - Students are encouraged to handle seminar - Students are motivated to do online quizzing through Jostel

Books for Study
1. Gupta, R. D., & Lekhi, R. K. (2013). *Keynes and Post Keynesian Economics*. Kalyani Publisher.
2. Ackley, G. (2008). *Macro Economics Theory and Policy (Revised Edition)*. Macmillan.

Books for Reference
1. Eden, M., & Peacock, A. T. (1967). *National Income and Social Accounts*. Hutchinson University.
2. Keynes, J. M. (1936). *The General Theory of Employment Interest and Money*. Macmillan.
3. Gurley, J., & Shaw, E. S. (1960). *Money in a Theory of Finance*. Brookings Institutions.

Websites and eLearning Sources
2. https://tradingeconomics.com

3. https://www.bu.edu/econ/files/2014/08/DLS1.pdf
4. https://www.imf.org
5. https://www.aeaweb.org/resources/students
6. https://www.worldbank.org/en/topic/macroeconomics

Course Outcomes		
CO No.	**CO-Statements** On successful completion of this course, students will be able to	**Cognitive Levels (K - Level)**
CO1	state the concepts and measurement of calculating National Income	**K1**
CO2	understand the various theories used in Macroeconomics for national development.	**K2**
CO3	describe the circular flow of Income in various sectors.	**K3**
CO4	assess the Various Fluctuations in Business.	**K4**
CO5	compile the ratio of investment through multiplier and accelerator in economics.	**K5**
CO6	evaluate the various of trade cycle in macroeconomic terms	**K6**

Relationship Matrix											
Semester	**Course Code**	**Title of the Course**						**Hours**		**Credits**	
2	**23PEC2CC06**	**Core Course - 6:** Macroeconomic Process						**6**		**5**	
Course Outcomes	**Programme Outcomes (POs)**					**Programme Specific Outcomes (PSOs)**					**Mean Score of COs**
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**	
CO1	2	2	2	1	2	3	1	3	2	1	**1.9**
CO2	2	1	3	2	1	2	3	3	2	3	**2.2**
CO3	2	2	3	2	2	3	3	3	3	2	**2.5**
CO4	3	3	2	2	3	2	2	2	2	3	**2.4**
CO5	2	2	2	2	2	2	2	3	2	2	**2.1**
CO6	2	3	2	2	2	3	2	2	3	3	**2.3**
									Mean Overall Score		**2.23 (High)**

Semester	Course Code	Title of the Course	Hours/Week	Credits
2	23PEC2SP01	**Self-paced Learning:** Economics of Tourism	-	2

Course Objectives
To describe the significance of Tourism Management and its promotion
To discuss the various elements of tourism marketing
To interpret the important Tourism Organizations in the global market.
To analyse the social, economic, cultural and political impacts of tourism development.
To evaluate tourism services and recent trends in internal and international tourism.

UNIT I: Basic Concepts of Tourism
Meaning- Definition - Concepts and Types of Tourism - Tourism and economic development - Importance of tourism - Sustainable Tourism.

UNIT II: Tourism Product and Tourism Marketing
Tourism products: Attractions, Availability, Accessibility and Amenities - Tourism Marketing - Various types of tourism marketing in India - Impact of Information Technology in tourism development.

UNIT III: Tourism Services
Hotels - Motels - Resorts - Boating Clubs - Conducted /Organized Tours - Package Tour - Insurance - Guides - Tour Operators - Tour Promoters - Medical Tourism - Medical Tourism in India.

UNIT IV: Performance of Tourism
Tourism status in global and national -Socio, Economic, Cultural and Political Impacts of tourism development in India - Programmes in Tourism Development - Infrastructure Development Programme - Regional Toursim.

UNIT V: Tourism Organizations
Role and Functions: United Nations World Tourism Organizations (WTO), Pacific Asia Travel Association (PATA), World Tourism and Travel Council (WTTC), International Hotel Association (IHA), Ministry of Tourism, Government of India, Indian Tourism Development Corporation (ITDC) and Federation of Hotel and Restaurants Association of India (FHRAI).

Teaching Methodology	Online, Self- Paced, LMS- JOSTEL

Books for Study
1. Swain, S. K., & Mishra, J. M. (2012). *Tourism Principles and Practices.* Oxford University Press.
2. Bhatia, A. K. (2002). *International Tourism Management*. Sterling Publishers.

Books for Reference
1. Ghosh, B., (1998). *Tourism and Travel Management.* Vikas.
2. Shankar, A. K. (1998). *Action Plan and Priorities in Tourism Development*. Kanishka.
3. Vinukumar, S., & Chandrasekhar, K. S. (2004). *Sustainable Development and Tourism.*
4. Kumar, S. N. (1996). *Problems of Tourism in India - Tourism and Economic Development.* APH.

Websites and eLearning Sources
1. https://www.unwto.org/
2. https://itdc.co.in/
3. https://tourism.gov.in/

4. https://www.traveldailymedia.com/importance-of-travel-website-for-the-travel-company/
5. https://www.oecd.org/cfe/tourism/

Course Outcomes		
CO No.	**CO-Statements** On successful completion of this course, students will be able to	**Cognitive Levels (K - Level)**
CO1	describe the significance of Tourism Management and its promotion	**K1**
CO2	discuss the various elements of tourism marketing	**K2**
CO3	interpret the important Tourism Organizations in the global market.	**K3**
CO4	analyse the social, economic, cultural and political impacts of tourism development.	**K4**
CO5	evaluate the recent growth in Indian Tourism	**K5**
CO6	plan for tourism services and recent trends in domestic and international tourism.	**K6**

Relationship Matrix											
Semester	**Course Code**		**Title of the Course**					**Hours**		**Credits**	
2	**23PEC2SP01**		**Self-paced Learning:** Economics of Tourism					**-**		**2**	
Course Outcomes	**Programme Outcomes (POs)**					**Programme Specific Outcomes (PSOs)**					**Mean Score of COs**
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**	
CO1	3	2	2	1	2	3	2	3	2	2	**2.2**
CO2	2	3	2	2	2	2	3	3	2	2	**2.3**
CO3	2	2	2	3	2	3	2	2	2	2	**2.2**
CO4	1	3	2	2	2	2	3	2	2	2	**2.2**
CO5	2	3	2	2	3	3	2	3	2	2	**2.4**
CO6	2	1	3	2	2	3	2	3	2	2	**2.2**
									Mean Overall Score		**2.3 (High)**

Semester	Course Code	Title of the Course	Hours/Week	Credits
2	23PEC2ES03A	**Elective - 3:** Agricultural Economics	5	4

Course Objectives
To understand the basic concepts of Aagriculture and Economic Development
To illustrate the types of cropping pattern and types of farming
To analyse the Role and functions of Agricultural marketing
To assess the sources of agricultural finance and its role.
To impart students to develop the knowledge of agricultural policy and its reforms
To build the new ideas through Sustainable agriculture and mechanization of agriculture

UNIT I: Agriculture and Economic Development (15 Hours)
Agriculture: Scope and Significance of Agriculture - Agriculture and Industry - A Comparison-Productivity Trends; Low production and Productivity: Causes, Consequences and Measures - Role of Agriculture in India's Development- Major Challenges.

UNIT II: Cropping Pattern and Agricultural Labour (15 Hours)
Meaning - importance and types of cropping pattern - Crop rotation -Types of farming - Inputs of Agricultural produce - Irrigation: importance, types and sources of irrigation. Agricultural Labour: Types - Problems- Minimum wages for agricultural workers and Self-Employment Programmes.

UNIT III: Agricultural Marketing (15 Hours)
Agricultural marketing- Role and functions - Defects of Agricultural marketing - measures to improve agricultural marketing- Regulated markets-Procurement-Buffer stock operations-Co-operative marketing - Uzavarshanthai (Farmer's Market)- MSP (Minimum Support Price).

UNIT IV: Agricultural Finance (15 Hours)
Agricultural Finance: Meaning- Types-Sources: Institutional- Co-operatives- RRBs-Role of Commercial Banks and NABARD in agricultural finance - Non-Institutional: Money lender- Kisan Credit Cards-Problems of Agricultural Finance- Principles of agricultural financial management.

UNIT V: Agricultural Policy (15 Hours)
Agricultural Price policy - Objectives, instruments and impact- Economic Reforms and New Agricultural policy - WTO and Indian Agriculture-Sustainable agriculture - Mechanization of agriculture -Green revolution and its impact- Agricultural Taxation and its relevance.

Teaching Methodology	• PPTs • ICT • Brainstorming method • Written assignment on Current Issues • Preparation of PPTs by the students • Students are encouraged to handle seminar • Students are motivated to do online quizzing through Jostel

Book for Study
1. Sanjay. (2018). *Competitive Agricultural Economics*, (1st Ed.). Vishal Publications.

Books for Reference
1. Datt & Sundharam's. (2021). *Indian Economy,* (72nd Ed.). Sultan & Chand Private Ltd.
2. Dhingra, I.C. *Indian Economy:* (8th Ed.). Heed Publication PVT. Ltd.,
3. Nitin, S. (2022). *Indian Economy,* (2nd Ed.). McGraw-Hill Education.
4. Subba, R.S. *Agricultural Economics,* (2nd *Ed.).* Oxford & IBH Publishing Co-Private Ltd.

Websites and eLearning Sources

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...

<table>
<tr><th colspan="3">Course Outcomes</th></tr>
<tr><td rowspan="2">CO No.</td><td>CO-Statements</td><td rowspan="2">Cognitive Levels
(K - Level)</td></tr>
<tr><td>On successful completion of this course, students will be able to</td></tr>
<tr><td>CO1</td><td>examine role of Agriculture in India's Development.</td><td>K1</td></tr>
<tr><td>CO2</td><td>understand the significance of cropping pattern in agricultural economics</td><td>K2</td></tr>
<tr><td>CO3</td><td>interpret the importance of Farmer's market and MSP</td><td>K3</td></tr>
<tr><td>CO4</td><td>analyse the various channels of marketing of agricultural produce</td><td>K4</td></tr>
<tr><td>CO5</td><td>assess the sources of agricultural finance and its role.</td><td>K5</td></tr>
<tr><td>CO6</td><td>develop the knowledge of agricultural policy and its reforms</td><td>K6</td></tr>
</table>

Relationship Matrix

Semester	Course Code		Title of the Course			Hours	Credits
2	**23PEC2ES03A**		**Elective - 3:** Agricultural Economics			**5**	**4**

Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	3	2	1	3	2	3	2	3	**2.5**
CO2	2	3	3	2	2	2	3	2	1	3	**2.3**
CO3	3	2	3	2	2	3	2	2	2	2	**2.3**
CO4	3	3	2	2	2	3	3	3	2	3	**2.6**
CO5	2	3	3	2	1	3	3	2	2	3	**2.4**
CO6	2	3	3	2	1	3	3	2	2	3	**2.4**
										Mean Overall Score	**2.42 (High)**

Semester	Course Code	Title of the Course	Hours/Week	Credits
2	23PEC2ES03B	**Elective - 3:** Behavioural Economics	5	4

Course Objectives
To describe the concepts of Behavioral Economics
To discuss the individual decision-making of economic agents
To use Behavioural Insights in Policy Making.
To analyse the importance of Inter-temporal choice
To evaluate consumption pattern for an individual
To develop the Strategic Thinking Choice of Architecture

UNIT I: Introduction to Behavioural Economics (15 Hours)

Nature of Behavioural economics - Methodological approach - Origins of behavioral economics - Neo - classical and behavioral approaches to studying economics: rationality, optimization, role of Intuition, Emotions, Beliefs in decision making.

UNIT II: Concepts of Behavioural Economics (15 Hours)

Values: Preferences and Choices - Beliefs: Heuristics and Biases - Decision making under risk and uncertainty- Decision weighting - Mental accounting.

UNIT III: Inter-Temporal Behaviour (15 Hours)

Inter-temporal Choice - Temporal Choice - Valuation of Delayed Consumption Preferences for Sequences of Outcomes - Hyperbolic Discounting - Preference Reversal.

UNIT IV: Markets and Behavioural Approaches (15 Hours)

Awareness and the willingness as Deciding Drivers of Behavioural Change - Decision making and Behavioural Factors - Understanding consumer decision - making and using behavioural insights - Improving Consumer Outcomes - Use of Behavioural Insights in Policy Making.

UNIT V: Strategic Interaction (15 Hours)

Nature of behavioral game theory, mixed strategies, Bargaining - Social Preferences: Altruism, envy, fairness and justice - Intentions, reciprocity and trust- Limited Strategic Thinking Choice architecture - Nudge, Nudge vs. boost, Behavioural public policy.

Teaching Methodology	- PPTs - ICT - Brainstorming method - Written assignment on Current Issues - Preparation of PPTs by the students - Students are encouraged to handle seminar - Students are motivated to do online quizzing through Jostel

Books for Study

1. Angner, E. (2016). *A Course in Behavioural Economics.* Palgrave Macmillan.
2. Ogaki, M., & Tanaka, S. C. (2017). *Behavioural Economics Toward a New Economics by Integration with Traditional Economics.* Springer Text in Business and Economics (e-book). Springer Nature Singapore Pvt Ltd.

Books for Reference

1. Rajko, A., Rutledge. (2012). *Behaviour Economics and Business Ethics: Interrelation and Application.* London.
2. Huck, S. (2004). *Advances in Understanding Strategic Behaviour: Game Theory Experiments and Bounded Rationality.*
3. Brunnermeier, M. K., & Parker, J. A. (2005). Optimal Expectations. *American Economic Review.* 95(4):1092-1118.
4. Sydnor, J. (2010). (Over) insuring Modest Risks. *American Economic Journal: Applied Economics.* 2(4): 177-99

Course Outcomes		
CO No.	**CO-Statements**	**Cognitive Levels (K - Level)**
	On successful completion of this course, students will be able to	
CO1	describe the concepts of Behavioral Economics	**K1**
CO2	discuss the individual decision-making of economic agents	**K2**
CO3	use Behavioural Insights in Policy Making	**K3**
CO4	analyse the importance of Inter-temporal choice	**K4**
CO5	evaluate consumption pattern for an individual	**K5**
CO6	develop the Strategic Thinking Choice of Architecture	**K6**

Relationship Matrix										
Semester	**Course Code**		**Title of the Course**			**Hours**			**Credits**	
2	**23PEC2ES03B**		**Elective - 3:** Behavioural Economics			**5**			**4**	
Course Outcomes	**Programme Outcomes (POs)**					**Programme Specific Outcomes (PSOs)**				**Mean Score of COs**
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**	
CO1	2	2	1	3	2	3	2	2	2	3	**2.2**
CO2	2	3	2	1	2	3	3	2	2	2	**2.2**
CO3	1	2	2	3	2	2	2	3	2	2	**2.1**
CO4	1	3	2	2	3	3	2	2	2	2	**2.2**
CO5	1	2	3	2	2	2	3	2	3	3	**2.3**
CO6	2	2	1	2	3	2	3	2	2	2	**2.1**
									Mean Overall Score		**2.2 (High)**

Semester	Course Code	Title of the Course	Hours/Week	Credits
2	23PSS2SE01	**Skill Enhancement Course:** Soft Skills	4	3

Course Objectives
To provide a focused training on soft skills for students in colleges for better job prospects
To communicate effectively and professionally
To help the students take active part in group dynamics
To familiarize students with numeracy skills for quick problem solving
To make the students appraise themselves and assess others

Unit I: Effective Communication & Professional Communication (12 Hours)

Definition of communication, Barriers of Communication, Non-verbal Communication; Effective Communication - Conversation Techniques, Good manners and Etiquettes; Speech Preparations & Presentations; Professional Communication.

Unit II: Resume Writing & Interview Skills (12 Hours)

Resume Writing: What is a résumé? Types of résumés, - Chronological, Functional and Mixed Resume, Purpose and Structure of a Resume, Model Resume.

Interview Skills: Types of Interviews, Preparation for an interview, Attire, Body Language, Common interview questions, Mock interviews & Practicum

Unit III: Group Discussion & Personal effectiveness (12 Hours)

Basics of Group Discussion, Parameters of GD, Topics for Practice, Mock GD & Practicum & Team Building.

Personal Effectiveness: Self Discovery; Goal Setting with questionnaires & Exercises

Unit IV: Numerical Ability (12 Hours)

Introducing concepts Average, Percentage; Profit and Loss, Simple Interest, Compound Interest; Time and Work, Pipes and Cisterns.

Unit V: Test of Reasoning (12 Hours)

Introducing Verbal Reasoning: Series Completion, Analogy; Data Sufficiency, Assertion and Reasoning; and Logical Deduction. Non-Verbal Reasoning: Series; and Classification

Teaching Methodology	Chalk and talk, Lectures, Demonstrations, PPT.

Book for study

1. Melchias G., Balaiah, J. & Joy, J. L. (Eds). (2018). *Winner in the Making: A Primer on soft Skills.* Trichy, India: St. Joseph's College.

Books for References

1. Aggarwal, R. S. (2010). *A Modern Approach to Verbal and Non-Verbal Reasoning.* S. Chand.
2. Covey, S. (2004). *7 Habits of Highly effective people.* Free Press.
3. Gerard, E. (1994). *The Skilled Helper* (5th Ed.). Brooks/Cole.
4. Khera, S. (2003). *You Can Win.* Macmillan Books.
5. Murphy, R. (1998). *Essential English Grammar*, (2nd Ed.). Cambridge University Press.
6. Sankaran, K., & Kumar, M. (2010). *Group Discussion and Public Speaking* (5th Ed.). M.I. Publications.
7. Trishna, K. S. (2012). *How to do well in GDs & Interviews?* (3rd Ed.). Pearson Education.
8. Yate, M. (2005). *Hiring the Best: A Manager's Guide to Effective Interviewing and Recruiting*

Course Outcomes		
CO No.	**CO-Statements** On successful completion of this course, students will be able to	**Cognitive Levels (K - Level)**
CO1	recall various soft skill sets	**K1**
CO2	understand personal effectiveness in any managerial positions	**K2**
CO3	apply verbal and non-verbal reasoning skills to solve problems	**K3**
CO4	differentiate problems at work and home; and design solutions to maintain work-life balance	**K4**
CO5	assess growth and sustainability and infuse creativity in employment that increases professional productivity	**K5**
CO6	construct plans and strategies to work for better human society	**K6**

Relationship Matrix											
Semester	**Course Code**		**Title of the Course**						**Hours**	**Credits**	
2	**23PSS2SE01**		**Skill Enhancement Course:** Soft Skills						**4**	**3**	
Course Outcomes	**Programme Outcomes (POs)**					**Programme Specific Outcomes (PSOs)**					**Mean Scores of COs**
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**	
CO1	3	3	3	3	2	3	2	3	2	3	**2.7**
CO2	3	3	3	2	3	3	3	3	3	3	**2.9**
CO3	3	2	2	3	3	3	3	3	3	3	**2.8**
CO4	3	3	2	2	3	3	3	3	3	3	**2.8**
CO5	3	3	3	2	2	3	3	3	3	3	**2.8**
CO6	3	3	3	2	2	3	3	3	3	3	**2.8**
								Mean Overall Score			**2.8 (High)**

Semester	Course Code	Title of the Course	Hours/Week	Credits
2	23PEC2EG01	**Generic Elective - 1 (WS):** Labour Economics	4	3

Course Objectives
To enable and acquire the knowledge the relating to the significance of labour market
To understand the man power in Economic Development
To understand importance of agricultural labour problems in India
Students will develop a deep understanding of the role of wage in economic development.
Will understand the need of social security measure for welfare of labour.

UNIT I: Labour Economics and Labour Problems (12 Hours)
Labour- Definition, nature, scope and importance of Labour economics- Nature of labour problems - labour market segmentation -Labour in the unorganized sector- Child Labour - International Labour Organization(ILO).

UNIT II: Agricultural Labour in India (12 Hours)
Agricultural labour- Meaning - characteristics - casual labour- attached labour and bonded labour - The problems of agricultural labour in India - Government measures to improve the conditions of agricultural labour-Employment in agricultural sector - MGNREGP.

UNIT III: Industrial Labour in India (12 Hours)
Meaning and characteristics of Industrial Labour in India- Employment in organized sector -Labour and labour problems in Service Sector - Meaning and objectives of Trade Unions -Trade Union movement in India - Problems and draw backs of the movement in India - Measures to strengthen the Trade Union Movement in India - Industrial disputes: meaning and causes and effects of industrial disputes - prevention of Industrial disputes and the machinery of setting the Industrial Disputes in India - Labour Legislation in India - Indian Labour Laws and practice in relation to international standards.

UNIT IV: Wages (12 Hours)
Wage determination - Wage differentials in India - productivity and wage relationship - non wage component of labour remuneration - types of wages in India - the need for State Regulation of wages - National Wage Policy in India.

UNIT V: Social Security Measures of Labour in India (12 Hours)
The meaning and the need for social security measures in India - present status of social security in India-social assistance and social insurance - Social Security Legislations in India: PF-EPF-CPS-Workmen's Compensation Act, 1923, Employees' State Insurance Scheme Act, 1948, Maternity Benefits Act, - Provident Fund Act, 1952 -Labour Welfare Funds - Unemployment insurance.

Teaching Methodology	- PPTs - ICT - Brainstorming method - Written assignment on Current Issues - Preparation of PPTs by the students - Students are encouraged to handle seminar - Students are motivated to do online quizzing through Jostel

Books for Study
1. Sharma, A. K. (2018). *Labour Economics*. Anmol Publications.

2. Thyagi, B. P. (2019). *Economics of Labour and Social Welfare - Revised Edition.* Sage Publication.

Books for Reference
1. Dutt, G. (2017). *Bargaining Power, Wages and Employment: An Analysis of Agricultural Labour Markets in India.* Sage Publication.
2. Lester, R. A. (2018). *Labour Restructuring in India: A Critique of the New Economics of Labour.* Macmillan.
3. Venkata Rathnam, C. S. (2017). *Globalization and Labour Management Relations, Dynamics of Change.* Sage Publication.
4. Memoria, C. B. (2016). *Labour Problems and Social Welfare in India.* Kitab Mahal.

Course outcomes		
CO No.	**CO-Statements**	**Cognitive Levels (K -Level)**
	On successful completion of this course, students will be able to	
CO1	explain the content of labour economics and significance of the study.	**K1**
CO2	illustrate issues of Agricultural Labour and Empowerment programmes.	**K2**
CO3	analyze Labour issues in industries and the role of trade unions.	**K3**
CO4	assess knowledge about wage theories and its applications in Indian Labour Market.	**K4**
CO5	prepare social security measures provided by the governments for the Labour force.	**K5**
CO6	Students will recognize the interconnectedness of social welfare measure and standard of living.	**K6**

Relationship Matrix												
Semester	**Course Code**		**Title of the Course**								**Hours**	**Credits**
2	**23PEC2EG01**		**Generic Elective - 1 (WS):** Labour Economics								**4**	**3**
Course Outcomes	**Programme Outcomes (POs)**					**Programme Specific Outcomes (PSOs)**					**Mean Score of COs**	
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**		
CO1	3	2	2	2	1	3	3	2	2	3	**2.2**	
CO2	2	3	2	1	2	3	3	2	2	3	**2.3**	
CO3	1	2	3	2	3	2	3	2	3	2	**2.3**	
CO4	1	2	2	3	1	2	3	2	2	3	**2.1**	
CO5	1	2	2	2	3	1	3	2	2	3	**2.1**	
CO6	1	3	2	2	2	1	2	3	2	3	**2.1**	
									Mean Overall Score		**2.2 (High)**	