INDIRA GANDHI (P.G.) MAHILA MAHAVIDYALAYA, KAITHAL

Affiliated to Kurukshetra University, Kurukshetra

Department of Economics

Lesson Plan (Session 2025-2026)

Class: M.A. Semester: I

Name of the Course: Micro Economics Analysis-I (CC-1) Course Code: M24-ECO-101

Dates: 22 July, 2025 – 24 Nov., 2025

SYLLABUS

Maximum Marks: 100 Time: 3 hours

End Term Exam Marks: 70 Marks Assessment: 30 Marks

Note: Examiner will be required to set nine questions in all. First question will be compulsory, consisting of short type question covering the entire syllabus in addition to that eight more questions will be set, two question from each unit. Students will be required to attempt in all. In addition to the compulsory question, student will have to attempt four more questions selecting one question from each unit.

Unit	Topics	Contact Hours
Unit: I	Theory of Demand and Conusumer Behaviour: Indifference curve approach -Price, Income and Substitution effects (Hicks and Slutsky); and its applications (The leisure-income trade-off, Evaluation of alternative government policies, IC and theory of exchange); Revealed Preference Theory; The consumer's Surplus (Hicks) and its applications; Elasticity of demand (empirical estimation) and Elasticity of supply; Revision of demand theory by hicks; linear expenditure system	15
Unit: II	Theory of Production and Costs; Production function (Properties of Cobb Douglas and CES): Laws of production (variable proportion. and returns to scale with the help of iso-quants); technical progress and production function; Equilibrium of the single product firm; Theories of costs and various cost curves (Short run as well as long run traditional and modern; Analysis of economies of scale	15
Unit: III	Meaning of market; perfect competition and short run and long run equilibrium of firm and industry; Dynamic changes and industry equilibrium; Monopoly and its short run and long run equilibrium; price discrimination; Monopolistic competition: chamberlain approach to equilibrium of the firm	15
Unit: IV	Meaning of oligopoly; Non collusive models (model of cournot, Bertrand); Oligopoly model of Stackelberg, Chamberlain and Kinked demand curve); Collusive models(price leadership firm and cartels	15

Text Books :

1) Micro economics, Jhingan , Rana Verma, V.K Publication.

Course Outcomes

After completing this course, the learner will be able to:

1. Understanding the core principles of demand and supply
2. Understand the core principles of production and costs
3. Analysis given situation in a variety of markets on a micro economics level

Lesson Plan

SR. No	Date	Course Content
1	11 August - 14 August	Theory of consumer behaviour (Indifference curve approach , price, income and substitution effect of Hicks and Slutsky and its applications
2	18 August - 23August	Revealed preference theory ; The consumer's surplus of Hicks and its applications.
3	25 August -30 August	Theory of demand and elasticity of demand and its empirical estimation and elasticity of supply.
4	1 Sept. - 6 Sept.	Revision of demand theory by Hicks, linear expenditure system.
5	8 Sept. - 13 Sept.	Theory of production; production function (properties of cob douglas and CES)
6	15 Sept. - 20 Sept.	Law of production (variable proportion and returns to scale with the help of iso-quant)
7	22 Sept. - 27 Sept.	Technical progress and production function , equilibrium of the single product firm
8	29 Sept.- 4 Oct.	Theories of costs and various cost curve (short run and as well as long run ; traditional and modern analysis of economies of scale
9	6 Oct.- 11 Oct.	Meaning of market; perfect competition and short run and long run equilibrium of firm and industry; Dynamic changes and industry equilibrium
10	13 Oct.- 18 Oct.	Monopoly and its short run and long run equilibrium; price discrimination
11	27 Oct. - 1 Nov.	Monopolistic competition: chamberlain approach to equilibrium of the firm
12	3 Nov. - 8Nov	Meaning of oligopoly; Non collusive models (model of cournot, Bertrand)
13	10 Nov-15 Nov	Oligopoly model of Stackelberg, Chamberlain and Kinked demand curve)
14	17 Nov -22 Nov	Collusive models(price leadership firm and cartels)
15	24 Nov.	Revision

Signature of Teacher **Head of Department**

INDIRA GANDHI (P.G.) MAHILA MAHAVIDYALAYA, KAITHAL

Affiliated to Kurukshetra University, Kurukshetra

Department of Economics

Lesson Plan (Session 2025-2026)

Class: M.A. Semester: I

Name of the Course: Macro Economics Analysis-I (CC-2) Course Code: M24-ECO-102

Dates: 22 July, 2025 – 24 Nov., 2025

SYLLABUS

Maximum Marks: 100 Time: 3 hours

End Term Exam Marks: 70 Marks Assessment: 30 Marks

Note: Examiner will be required to set nine questions in all. First question will be compulsory, consisting of short type question covering the entire syllabus in addition to that eight more questions will be set, two question from each unit. Students will be required to attempt in all. In addition to the compulsory question, student will have to attempt four more questions selecting one question from each unit.

Unit	Topics	Contact Hours
Unit: I	Theory of Output and Employment Determination Classical Approach - Output and Employment in Classical Theory; The Quantity Theory of Money and the Price Level; Classical Model without saving and investment; Classical Model with saving and investment; Keynesian Approach - Two Sector Model, Three Sector Model and Four Sector Model. SELF STUDY CONTENTS (trot relevant for exams): Nature and scope of macro Economics. importance of macroeconomics, circular flow ofincome in two three and four sector of economy.	15
Unit: II	Theory of Output and Employment Determination The Extended Model under Fixed Price Level - The Goods Market and The Money Market; IS-LM framework and Equilibrium in Goods Market and Money Market Effect of Changes in Government spending, Taxation and Aggregate Demand on General Equilibrium, SELF STUDY CONTENTS (Not relevant for exams) Nature and Scope of Good Market and Money Market, Money supply Process, the supply of and demand for mone1, and rate of interest.	15
Unit: III	Theory of Output and Employment Determination The Extended Model under Variable Price Level - Derivation of Aggregate Demand Curve and Determination of equilibrium price and output levels; Wage-price flexibility and the Full Employment equilibrium; Interest rate effect and Pigou Effect; Monetary - Fiscal policy analysis in IS-LM Model. SELF STUDY CONTENTS (lot relevant for exams) Rationale of Monetary policy. Fiscal policy. Inflation, interest rate and its effect on economy	15
Unit: IV	Theories of consumption and Investment The Absolutc income Hypothesis; The Relative Income Hypothesis; The Permanent Income Theory of Consumption; The Life cycle theory of consumption. The Marginal Efficiency of Capital Approach; The accelerator theory; Profits Theory; Jorgenson's Neoclassical Model; Adjustment costs and q theory. SELF STUDY CONTENTS (not relevant for exams): consumer behavior: Macro Analysis, Cyclical and Secular Consumption Behavior. Basic working of Multiplier	15

Text Books :

1) Macro economics, Jhingan , Rana Verma, V.K Publication.

Course Outcomes

After completing this course, the learner will be able to:

1 Understand classical & Keynesian theories of output and employment analyses their differences, and assess their role in economic fluctuations.

2: Explaining the behavior of macroeconomic variables by identifying and understanding the extended model.

3: Analyze output, price, and employment under flexible prices in IS-LM. Explore effects of wages, interest rates, and policy on equilibrium.

4: To understand the theories of consumption and investment and their relevance

Lesson Plan

SR. No	Date	Course Content
1	11 August - 14 August	Theory of Output and Employment Determination Classical Approach - Output and Employment in Classical Theory; The Quantity Theory of Money and the Price Level
2	18 August - 23August	Classical Model without saving and investment; Classical Model with saving and investment; Keynesian Approach
3	25 August -30 August	Two Sector Model
4	1 Sept. - 6 Sept.	Three Sector Model and Four Sector Model
5	8 Sept. - 13 Sept.	Theory of Output and Employment Determination The Extended Model under Fixed Price Level
6	15 Sept. - 20 Sept.	- The Goods Market and The Money Market; IS-LM framework and Equilibrium in Goods Market and Money Market
7	22 Sept. - 27 Sept.	Money Market Effect of Changes in Government spending
8	29 Sept.- 4 Oct.	Taxation and Aggregate Demand on General Equilibrium
9	6 Oct.- 11 Oct.	Theory of Output and Employment Determination The Extended Model under Variable Price Level
10	13 Oct.- 18 Oct.	Derivation of Aggregate Demand Curve and Determination of equilibrium
11	27 Oct. - 1 Nov.	Wage-price flexibility and the Full Employment equilibrium
12	3 Nov. - 8Nov	Interest rate effect and Pigou Effect; Monetary - Fiscal policy analysis in IS-LM Model.
13	10 Nov-15 Nov	Theories of consumption and Investment The Absolutc income Hypothesis; The Relative Income Hypothesis; The Permanent Income Theory of Consumption
14	17 Nov -22 Nov	The Marginal Efficiency of Capital Approach
15	24 Nov.	The accelerator theory; Profits Theory; Jorgenson's Neoclassical Model; Adjustment costs

Signature of Teacher **Head of Department**

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Affiliated to Kurukshetra University, Kurukshetra

Department of Economics

Lesson Plan (Session 2025-2026)

Class: M.A. Semester: I

Name of the Course: Mathematics for Economists (CC-3) Course Code: M24-ECO-103

Dates: 22 July, 2025 – 24 Nov., 2025

SYLLABUS

Maximum Marks: 100 Time: 3 hours

End Term Exam Marks: 70 Marks Assessment: 30 Marks

Note: Examiner will be required to set nine questions in all. First question will be compulsory, consisting of short type question covering the entire syllabus in addition to that eight more questions will be set, two question from each unit. Students will be required to attempt in all. In addition to the compulsory question, student will have to attempt four more questions selecting one question from each unit.

Unit	Topics	Contact Hours
Unit: I	Concept of matrix and determinant- their type, simple operations on matrices; matrix inversion and rank of matrix; Solution of simultaneous equations through cramer's rule; Solution of simultaneous equations through cramer's rule; Matrix inverse method; introduction to input- output analysis.	15
Unit: II	Rules of differentiation; elasticity and their types; rules of partial differentiation and interpretation of partial derivatives; Problems of maxima and minima in single and multivariable functions; Unconstrained and constrained optimization in simple economic problems:	15
Unit: III	concept and simple rules of integration; application to consumer's and producer's surplus; Differential equations: solution of homogeneous, exact linear differential equations of first and second order. Application to demand, revenue and market equilibrium models.	15
Unit: IV	Difference equations – solution of first order and second order different equations; Applications in trade cycle models; growth models and lagged market equilibrium models. Linear programming- basic concept, nature of feasible. Basic and optimal solution. Solution of linear programming problem through graphical method	15

Text Books :

1. Mathematics, Rana Verma,

Course Outcomes

After completing this course, the learner will be able to:

1. Perform matrix operation solve simultaneous equation
2. Apply rules of differentiation
3. Compute the consumer surplus and producer surplus
4. Understand and solve linear programming problems using graphical methods

Lesson Plan

SR. No	Date	Course Content
1	11 August - 14 August	Concept of matrix and determinant- their type, simple operations on matrices; matrix inversion and rank of matrix.
2	18 August - 23August	Solution of simultaneous equations through cramer's rule.
3	25 August -30 August	Matrix inverse method; introduction to input- output analysis.
4	1 Sept. - 6 Sept.	Rules of differentiation; elasticity and their types; rules of partial differentiation and interpretation of partial derivatives.
5	8 Sept. - 13 Sept.	Problems of maxima and minima in single and multivariable functions.
6	15 Sept. - 20 Sept.	Unconstrained and constrained optimization in simple economic problems: concept and simple rules of integration; application to consumer's and producer's surplus.
7	22 Sept. - 27 Sept.	Differential equations: solution of homogeneous, exact linear differential equations of first and second order.
8	29 Sept.- 4 Oct.	Application to demand, revenue and market equilibrium models.
9	6 Oct.- 11 Oct.	Difference equations – solution of first order and second order different equations.
10	13 Oct.- 18 Oct.	Applications in trade cycle models; growth models and lagged market equilibrium models.
11	27 Oct. - 1 Nov.	Linear programming- basic concept, nature of feasible.
12	3 Nov. - 8Nov	Basic and optimal solution.
13	10 Nov-15 Nov	Solution of linear programming problem through graphical method.
14	17 Nov -22 Nov	Revision
15	24 Nov.	Revision

Signature of Teacher **Head of Department**

INDIRA GANDHI (P.G.) MAHILA MAHAVIDYALAYA, KAITHAL

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Department Of Economics

Lesson Plan (Session 2025-2026)

Class: M.A Semester: I

Name of the Course: Data Analytics for Economists I Course Code: M 24-ECO-104

Dates: 22 July, 2025 – 24 Nov., 2025

SYLLABUS

Maximum Marks: 100 Time: 3 hours

End Term Exam Marks: 50(T)+20(P)=70 Marks Assessment: 20(T)+10(P)=30 Marks

Note: Examiner will be required to set nine questions in all. First question will be compulsory, consisting of short type question covering the entire syllabus in addition to that eight more questions will be set, two question from each unit. Students will be required to attempt in all. In addition to the compulsory question, student will have to attempt four more questions selecting one question from each unit.

Unit	Topics	Contact Hours
Unit: I	1. Computation of revenue and profits using excel. Given the quantity, demanc function, cost function etc., compute profits or losses. Also generate a data series. 2. Creation of various charts using economic variables. Solving single and multiple system of equations through excel solver 3. Profit maximization and Utility maximization using solver 4. Linear programming problem using solver	12
Unit: II	5. Break even analysis in excel 6. Sensitivity analysis using solver 7. LPP applications in marketing and finance 8. Assignment and shortest path problem in solver	11
Unit: III	9. Generating Frequency Table, Bar Chart, Pie Chart, Histogram, Arithmetic Mean, Median, Standard Deviation and Range, Contingency Table, Chi-square, and Cramer's V. Pearson's r, and Spearman's rho, Scatter Diagrams 10. Construction of Frequency, Calculation of Central Tendencies and Measures of Dispersion 11. Estimation Correlation Coefficient, Zero Correlation Matrix, Part and Partial Correlation 12. Estimation of Simple Regression.	12
Unit: IV	13. Project scheduling-PERT and CPM 14. Inventory models 15. Economic production lot size model 16. Multi-period Order-Quantity, Reorder Point Model with Probabilistic Demand	11
V	Practicals: 1. Students will prepare a Practical file containing 4 Practicals from each unit. 2. Practical may be done using the software chosen by the teacher. 3. The external examiner shall take the written exam followed by viva voce. 4. Syllabus contains all the contents mentioned in the four units.	30

Text Books :

1. Data analytics, Gary ,Koop. Goods & Services Tax, V.K Publication.

Course Outcomes

After completing this course, the learner will be able to:

1: Understand, apply and solve the problems on revenue, profits, utility and linear programming.

2: Understand and compute break even, LP, sensitivity analysis and assignment problems.

3: Understand and solve linear and non linear optimization problems.

4: Understand and solve path analysis and inventory problems

5: Demonstrate the ability to solve the problems mentioned in

Lesson Plan

SR. No	Date	Course Content	
		Theory (2)	**Practical (2)**
1	11 August - 14 August	1. Computation of revenue and profits using excel. Given the quantity, demand function, cost function etc., compute profits or losses. Also generate a data series.	demand function
2	18 August - 23August	2. Creation of various charts using economic variables. Solving single and multiple system of equations through excel solver	cost function
3	25 August -30 August	3. Profit maximization and Utility maximization using solver	Solving single and multiple system of equations through excel solver
4	1 Sept. - 6 Sept.	4. Linear programming problem using solver	Profit maximization and Utility maximization using solver
5	8 Sept. - 13 Sept.	5. Break even analysis in excel	Break even analysis
6	15 Sept. - 20 Sept.	6. Sensitivity analysis using solver	Sensitivity analysis using solver
7	22 Sept. - 27 Sept.	7. LPP applications in marketing and finance	Bar Chart
8	29 Sept.- 4 Oct.	8. Assignment and shortest path problem in solver	Pie Chart
9	6 Oct.- 11 Oct.	9. Generating Frequency Table, Bar Chart, Pie Chart, Histogram, Arithmetic Mean, Median, Standard Deviation and Range, Contingency Table, Chi-square, and Cramer's V. Pearson's r, and Spearman's rho, Scatter Diagrams	Arithmetic Mean, Median, Standard Deviation and Range
10	13 Oct.- 18 Oct.	10. Construction of Frequency, Calculation of Central Tendencies and Measures of Dispersion	Chi-square, and Cramer's V. Pearson's r
11	27 Oct. - 1 Nov.	11. Estimation Correlation Coefficient, Zero Correlation Matrix, Part and Partial Correlation	Spearman's rho, Scatter Diagrams
12	3 Nov. - 8Nov	12. Estimation of Simple Regression	Zero Correlation Matrix,
13	10 Nov-15 Nov	13. Project scheduling-PERT and CPM	Part and Partial Correlation
14	17 Nov -22 Nov	14. Inventory models	production lot size model
15	24 Nov.	15. Economic production lot size model	Multi-period Order
16	11 August - 14 August	16. Multi-period Order-Quantity, Reorder Point Model with Probabilistic Demand	Reorder Point Model

Signature of Teacher **Head of Department**

NDIRA GANDHI (P.G.) MAHILA MAHAVIDYALAYA, KAITHAL

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Department of Economics

Lesson Plan (Session 2025-2026)

Class: M.A. Semester: I

Name of the Course: Public Economics (DEC-I) Course Code: M24-ECO-105

Dates: 22 July, 2025 – 24 Nov., 2025

SYLLABUS

Maximum Marks: 100 Time: 3 hours

End Term Exam Marks: 70 Marks Assessment: 30 Marks

Note: Examiner will be required to set nine questions in all. First question will be compulsory, consisting of short type question covering the entire syllabus in addition to that eight more questions will be set, two question from each unit. Students will be required to attempt in all. In addition to the compulsory question, student will have to attempt four more questions selecting one question from each unit.

Unit	Topics	Contact Hours
Unit: I	Exchange economy. Production economy and efficiency; Asymmetric information and market failure; Externalities and their internalization; rent seeking costs and political process. Efficient provision of public goods; private provision of pure public goods; private provision of pure public goods; Samuelson model: Clark mechanism ; Lindahl-Wicksell mechanism: theory of club goods;	15
Unit: II	Rational voter hypothesis; Characteristics of majority voting rule; bowen- black model; Buchanan and Tullock model: arrow's impossible theorem; Downs model on demand and supply of government policy; models of bureaucratic behavior: Niskanen model, Tullock model; Voting and the leviathan hypothesis	15
Unit: III	incentive effects of taxation on labour suply, saving, savings, and risk taking; tax incidence- partial and general equilibrium analysis; excess burden of tax and its measurement; Efficient and equity principles of taxation; optimal commodity tax: the Ramsey rule, the corlett and hague rule; optimal income tax.	15
Unit: IV	Fiscal federalism: Tiebout model, theory of intergovernmental grants, centre- state fiscal relations in India; Theory and practice; public debt: burden controversy; Debt sustainability; public enterprises: Ramsey-Boiteux linear pricing; Marginal cost pricing, peak load pricing; Theory of second best; Social cost benefit analysis	15

Text Books :

1. Jhingan , Rana Verma, V.K Publication.
2. Rekhi publication

Course Outcomes

After completing this course, the learner will be able to:

1. Explain the concept of efficiency along with various solutions of market failure.
2. Apply economic perspective on activities of the government sector.
3. Draw the economic implication of various taxes along with their positive as well as normative analysis.
4. Analyze the theories of fiscal federalism, public debt.

Lesson Plan

SR. No	Date	Course Content
1	11 August - 14 August	Exchange economy. Production economy and efficiency; Asymmetric information and market failure.
2	18 August - 23August	Externalities and their internalization; rent seeking costs and political process. Efficient provision of public goods; private provision of pure public goods; private provision of pure public goods.
3	25 August -30 August	Samuelson model: clark mechanism ; lindahl-wicksell mechanism: theory of club goods; rational voter hypothesis.
4	1 Sept. - 6 Sept.	Characteristics of majority voting rule; bowen- black model; Buchanan and Tullock model: arrow's impossible theorem.
5	8 Sept. - 13 Sept.	Downs model on demand and supply of government policy; models of bureaucratic behavior: niskanen model, tullock model.
6	15 Sept. - 20 Sept.	Voting and the leviathan hypothesis; incentive effects of taxation on labour suply, saving, savings, and risk taking; tax incidence- partial and general equilibrium analysis; excess burden of tax and its measurement.
7	22 Sept. - 27 Sept.	Efficient and equity principles of taxation; optimal commodity tax: the ramsey rule, the corlett and hague rule; optimal income tax.
8	29 Sept.- 4 Oct.	Fiscal federalism: tiebout model, theory of intergovernmental grants, centre-state fiscal relations in india.
9	6 Oct.- 11 Oct.	Theory and practice; public debt: burden controversy.
10	13 Oct.- 18 Oct.	Debt sustainability; public enterprises: ramsey-boiteux linear pricing.
11	27 Oct. - 1 Nov.	Marginal cost pricing, peak load pricing.
12	3 Nov. - 8Nov	Theory of second best.
13	10 Nov-15 Nov	Social cost benefit analysis,
14	17 Nov -22 Nov	Tests
15	24 Nov.	Revision

Signature of Teacher **Head of Department**

INDIRA GANDHI (P.G.) MAHILA MAHAVIDYALAYA, KAITHAL

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Department Of Economics

Lesson Plan (Session 2025-2026)

Class: M.A Semester: III

Name of the Course: International Trade(CC-9) Course Code : M24-ECO-301

Dates: 22 July, 2025 – 24 Nov., 2025

SYLLABUS

Maximum Marks: 100 Time: 3 hours

End Term Exam Marks: 50(T)+20(P)=70 Marks Assessment: 20(T)+10(P)=30 Marks

Note: Examiner will be required to set nine questions in all. First question will be compulsory, consisting of short type question covering the entire syllabus in addition to that eight more questions will be set, two question from each unit. Students will be required to attempt in all. In addition to the compulsory question, student will have to attempt four more questions selecting one question from each unit.

Unit	Topics	Contact Hours
Unit: I	Fundamentals of International Trade: Introduction to International Trade and world economy; Current international economic problems and challenges; Trade Theories: Theories of Absolute and Comparative Advantage (Real and opportunity Cost approaches); Reciprocal Demand Theory (Offer Curve Analysis); Heckscher-Ohlin Model; Factor Price Equalization Theorem; Empirical Verification of H.O. theory; Rybczynski Theorem; Gains from Trade. Self-Study: Theory of Mercantilism; Concept of Opportunity Cost, Production Possibility Curve, Edgeworth box, Contract Curve. New Trade Theories: Kravis and Linder Theory of Trade, Posner's Imitation Gap, Vernon's Product	15
Unit: II	New Trade Theories: Kravis and Linder Theory of Trade, Posner's Imitation Gap, Vernon's Product Life Cycle Theory, Term of Trade and its Computation; Secular Deterioration of Terms of Trade, Imperfect Competition and International Trade: Monopoly; Monopolistic competition; Welfare implication of Monopolistic competition and trade; Dumping; Economies of Scale and International Trade, Intra-Industry Trade: Causes, emergence and measurement; Balassa Index, Grubel-Lloyd Index. Self-Study: Concept and Features of Market: Perfect Competition, Monopoly and Monopolistic competition, Economies of scale, concept of efficiency and market failure.	15
Unit: III	Economic Growth and International Trade: Technical Progress and the Nation's Production Frontier, Growth and Trade in case of Large Country- Growth and Nation's Terms of Trade and welfare, Immiserating Growth. Political economy of trade policy: Free Trade and Efficiency; National Welfare arguments against free trade; The Domestic Market Failure Argument Against Free Trade. Tariffs, Quotas and Non-Tariff barriers; Effects of tariff-Metzler Paradox; Optimum Tariff: Effective rate of Protection; Quotas and other non-tariff barriers-technical/quality/safety standards (regulations). Self-study: Concept of social Welfare, List of trade barriers according to WTO, Case Study of US-China Trade War, WTO regulations regarding trade barriers.	15

Unit: IV	Global Trade Policy: Economic integration theory of customs union; partial and genera equilibrium analysis; Dynamic effects, Integration Experiences-European Union, BRICS, NAFTAASEAN, Multilateral trade negotiations-the GATT rounds, UNCTAD and evolution of world trading arrangements; World Trade Organization and fair trade-Development Round; Trade Facilitation; Trade Wars. India's Trade Policy: Concept, Nature and Aims of Trade Policy; Evolution of India's Trade Policy; Recalibrating India's Foreign Trade Policy; Recent Foreign Trade Policy of India. Self-study: Basic Tools of Trade Policy, Sequencing and pacing of trade reforms, case study of EU, Trade Policy Review of India by World Trade Organization, Case Study of China-USA trade War.	15

Text Books :

1) International; economics, Rana and Verma, V.K Publication.

Course Outcomes

After completing this course, the learner will be able to:

1: Understand, explain, compare and critically evaluate the classical and neo classical trade theories of International Trade.

2: Learn, compare and critically evaluate the new trade theories and their relevance in today's scenario.

3: Understand the pattern, scope, potential and related issues of trade.

4: Understand the theories of protection and develop the ability to appreciate the economic integration and its impacts.

Lesson Plan

SR. No	Date	Course Content
1	11 August - 14 August	Fundamentals of International Trade: Introduction to International Trade and world economy; Current international economic problems and challenges
2	18 August - 23August	Trade Theories: Theories of Absolute and Comparative Advantage (Real and opportunity Cost approaches); Reciprocal Demand Theory (Offer Curve Analysis); Heckscher-Ohlin Model; Factor Price Equalization Theorem; Empirical Verification of H.O. theory
3	25 August -30 August	Rybczynski Theorem; Gains from Trade. Self-Study: Theory of Mercantilism; Concept of Opportunity Cost, Production Possibility Curve, Edgeworth box, Contract Curve.
4	1 Sept. - 6 Sept.	New Trade Theories: Kravis and Linder Theory of Trade, Posner's Imitation Gap, Vernon's Product
5	8 Sept. - 13 Sept.	New Trade Theories: Kravis and Linder Theory of Trade, Posner's Imitation Gap, Vernon's Product
6	15 Sept. - 20 Sept.	Life Cycle Theory, Term of Trade and its Computation; Secular Deterioration of Terms of Trade, Imperfect Competition and International Trade: Monopoly; Monopolistic competition
7	22 Sept. - 27 Sept.	Welfare implication of Monopolistic competition and trade; Dumping; Economies of Scale and International Trade, Intra-Industry Trade: Causes, emergence and measurement; Balassa Index, Grubel-Lloyd Index.
8	29 Sept.- 4 Oct.	Economic Growth and International Trade: Technical Progress and the Nation's Production
9	6 Oct.- 11 Oct.	Frontier, Growth and Trade in case of Large Country- Growth and Nation's Terms of Trade and welfare, Immiserating Growth. Political economy of trade policy: Free Trade and Efficiency; National Welfare arguments against free trade;
10	13 Oct.- 18 Oct.	The Domestic Market Failure Argument Against Free Trade. Tariffs, Quotas and Non-Tariff barriers; Effects of tariff-Metzler Paradox; Optimum Tariff: Effective rate of Protection; Quotas and other non-tariff barriers-technical/quality/safety standards (regulations).
11	27 Oct. - 1 Nov.	Global Trade Policy: Economic integration theory of customs union; partial and genera equilibrium analysis
12	3 Nov. - 8Nov	Dynamic effects, Integration Experiences-European Union, BRICS, NAFTAASEAN, Multilateral trade negotiations-the GATT rounds, UNCTAD and evolution of world trading arrangements
13	10 Nov-15 Nov	World Trade Organization and fair trade-Development Round; Trade Facilitation; Trade Wars. India's Trade Policy: Concept, Nature and Aims of Trade Policy
14	17 Nov -22 Nov	Recent Foreign Trade Policy of India. Self-study: Basic Tools of Trade Policy, Sequencing and pacing of trade reforms, case study of EU, Trade Policy Review of India by World Trade Organization, Case Study of China-USA trade War.
15	24 Nov.	Revision .

Signature of Teacher **Head of Department**

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Lesson Plan (Session 2025-2026)

Class: M.A. Semester: III

Name of the Course: Development Economics (CC-10) Course Code: M24-ECO-302

Dates: 22 July, 2025 – 24 Nov., 2025

SYLLABUS

Maximum Marks: 100 Time: 3 hours

End Term Exam Marks: 70 Marks Assessment: 30 Marks

Note: Examiner will be required to set nine questions in all. First question will be compulsory, consisting of short type question covering the entire syllabus in addition to that eight more questions will be set, two question from each unit. Students will be required to attempt in all. In addition to the compulsory question, student will have to attempt four more questions selecting one question from each unit.

Unit	Topics	Contact Hours
Unit: I	Concepts & Measurement of Economic Development: Evolution of concept of Economic growth, Economic development, Capability Approach; Goulet's core values of development Historical perspective of Economic Growth and its relevance; Structural diversity and common characteristics of developing nations, Global North and Global South divide, Measuring Development: Income Measures, Basic Needs Approach, PQLI, HDI, Sustainable development and Climate Change, Sustainable Development Goals.	15
Unit: II	Problems of Underdevelopment: Poverty, Inequality and Development: Measurement, Impact and Policy options, Dualism, Centre-Periphery Model and Process of Cumulative Causation, Lewis model of economic development, Ranis and Fei model, Jorgenson's model, Balanced and Unbalanced growth, Linkage effect Hirschman and Nurkse.	15
Unit: III	Sectoral Aspects of Development: Role of Agriculture in Economic Development; Heterogeneity in Agriculture; Agricultural Transformation: Designing Strategy for Agriculture Transformation. Rationale and Pattern of Industrialization in developing Countries; Choice of Techniques, Appropriate technology and employment; Terms of Trade between Agriculture and Industry. Services Sector in Developing Economies: Role, growth and sustainability, Infrastructure and its importance.	15
Unit: IV	International Trade Theory and Development Strategy: Contemporary Issues in International Trade; Critique of Traditional Tree Trade Theory; Trade Policy Debate: Export Promotion, Import Substitution and Economic Integration; Globalization and Development: View of Stiglitz. Role of financial Institutions in economic development: Theory (Acemoglu and Zilibotti Model) and Evidence, New Institutional Economics: Role of Market, State and Civil Society.	15

Text Books :

2. Jhingan , Rana Verma,

Course Outcomes

1: To appreciate and interpret the nature of Economic Growth & Development with learnera view to measure and mark its trajectory.

2: Appreciate the methods of measuring economic development.

3: Comprehend various development strategies and their applicability.

4: To deduce the approaches to economic development with a view to apply them Practically.

Lesson Plan

SR. No	Date	Course Content
1	11 August - 14 August	Concept of Economic growth, Economic development, Capability Approach; Goulet's core values of development
2	18 August - 23August	Historical perspective of Economic Growth and its relevance;
3	25 August -30 August	Structural diversity and common characteristics of developing nations, Global North and Global South divide,
4	1 Sept. - 6 Sept.	Measuring Development: Income Measures, Basic Needs Approach, PQLI, HDI, Sustainable development and Climate Change, Sustainable Development Goals
5	8 Sept. - 13 Sept.	Problems of Underdevelopment: Poverty, Inequality and Development
6	15 Sept. - 20 Sept.	Measurement, Impact and Policy options, Dualism, Centre-Periphery Model and Process of Cumulative Causation
7	22 Sept. - 27 Sept.	Lewis model of economic development, Ranis and Fei model
8	29 Sept.- 4 Oct.	Jorgenson's model, Balanced and Unbalanced growth, Linkage effect Hirschman and Nurkse.
9	6 Oct.- 11 Oct.	Role of Agriculture in Economic Development; Heterogeneity in Agriculture
10	13 Oct.- 18 Oct.	Agricultural Transformation: Designing Strategy for Agriculture Transformation. Rationale and Pattern of Industrialization in developing Countries
11	27 Oct. - 1 Nov.	; Choice of Techniques, Appropriate technology and employment; Terms of Trade between Agriculture and Industry
12	3 Nov. - 8Nov	Services Sector in Developing Economies: Role, growth and sustainability, Infrastructure and its importance.
13	10 Nov-15 Nov	. Contemporary Issues in International Trade; Critique of Traditional Tree Trade Theory;
14	17 Nov -22 Nov	Trade Policy Debate: Export Promotion, Import Substitution and Economic Integration; Globalization and Development: View of Stiglitz. Role of financial Institutions in economic development: Theory (Acemoglu and Zilibotti Model) and Evidence
15	24 Nov.	New Institutional Economics: Role of Market, State and Civil Society.

Signature of Teacher **Head of Department**

INDIRA GANDHI (P.G.) MAHILA MAHAVIDYALAYA, KAITHAL

Affiliated to Kurukshetra University, Kurukshetra

Department of Economics

Lesson Plan (Session 2025-2026)

Class: M.A. Semester: III

Name of the Course: Industrial Economics (DEC-4) Course Code: M24-ECO-308

Dates: 22 July, 2025 – 24 Nov., 2025

SYLLABUS

Maximum Marks: 100 Time: 3 hours

End Term Exam Marks: 70 Marks Assessment: 30 Marks

Note: Examiner will be required to set nine questions in all. First question will be compulsory, consisting of short type question covering the entire syllabus in addition to that eight more questions will be set, two question from each unit. Students will be required to attempt in all. In addition to the compulsory question, student will have to attempt four more questions selecting one question from each unit.

Unit	Topics	Contact Hours
Unit: I	Industrial Organization and Theories of the Firm; Meaning and scope of industrial economics; Industrial organization and ownership structure public, private, joint and co-operative sectors; Objectives of the firm; Theories of the firm: Managerial Theories, Coasian firm and transaction cost approach, Strategic and knowledge based theories SELF STUDY CONTENTS (not relevant for exams):	15
Unit: II	Theories of Industrialization and Industrial Location Theories of Industrialization Hoffman, Chenery and Gershenkron; Theories of industrial location Weber, Sargent and August Losch theories, Hotelling's location model, Salop's location model; Factors affecting location; Balanced regional development of industries. SELF STUDY CONTENTS (not relevant for exams):	15
Unit: III	Structure-Conduct-Performance Paradigm The structural conduct performance approach; Relationships between structure, conduct & performance; Neo-classical developments of the SCP approach; Sellers concentration and its measurement: the concentration ratio, the Lorenz curve; Product differentiations its sources and its implications, Entry conditions; Economies of Scale; Market structure and profitability; Market structure and innovation - Process and measurement. SELF STUDY CONTENTS (not relevant for exams):	15
Unit: IV	Methods of Product Pricing: Cost-oriented methods: Mark-up, cost-plus, Break-even, target return pricing; Market-oriented Methods: Going-rate pricing, Premium pricing, Discount pricing, Sealed-bid Pricing; Peak-Load Pricing; Multi-Product Pricing; Predatory pricing; Pricing of a new product: Skimming and Penetration pricings; Non-Linear Pricing Practices: Price Discrimination.	15

Text Books :

1. Industrial economics, B.R. Barthwal

Course Outcomes

1: Learn the scope and breadth of industrial economics and able to use the tools of economic analysis and the classical theory of markets in the analysis of organizations

2: Comprehend, compare and present the theories of industrialization and location along with their technical applications.

3: Understand market structure-conduct-performance and appreciate the concept of sellers' concentration along with its measurement using adequate techniques.

4: Understand, compare and analyse various product pricing methods along with their merits and limitations.

Lesson Plan

SR. No	Date	Course Content
1	11 August - 14 August	Meaning and scope of industrial economics;
2	18 August - 23August	Industrial organization and ownership structure public, private, joint and co-operative sectors
3	25 August -30 August	Objectives of the firm; Theories of the firm: Managerial Theories
4	1 Sept. - 6 Sept.	Coasian firm and transaction cost approach, Strategic and knowledge based theories
5	8 Sept. - 13 Sept.	Theories of Industrialization Hoffman, Chenery and Gershenkron;
6	15 Sept. - 20 Sept.	Theories of industrial location Weber, Sargent and August Losch theories,
7	22 Sept. - 27 Sept.	Hotelling's location model, Salop's location model
8	29 Sept.- 4 Oct.	Factors affecting location; Balanced regional
9	6 Oct.- 11 Oct.	The structural conduct performance approach;
10	13 Oct.- 18 Oct.	Relationships between structure, conduct & performance; Neo-classical developments of the SCP approach
11	27 Oct. - 1 Nov.	Sellers concentration and its measurement: the concentration ratio, the Lorenz curve; Product differentiations its sources and its implications, Entry conditions;
12	3 Nov. - 8Nov	Economies of Scale; Market structure and profitability; Market structure and innovation - Process and measurement
13	10 Nov-15 Nov	Cost-oriented methods: Mark-up, cost-plus, Break-even, target return pricing;
14	17 Nov -22 Nov	Market-oriented Methods: Going-rate pricing, Premium pricing, Discount pricing, Sealed-bid Pricing; Peak-Load Pricing; Multi-Product Pricing; Predatory pricing;
15	24 Nov.	Pricing of a new product: Skimming and Penetration pricings; Non-Linear Pricing Practices: Price Discrimination.

Signature of Teacher **Head of Department**

INDIRA GANDHI (P.G.) MAHILA MAHAVIDYALAYA, KAITHAL

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Department of Economics

Lesson Plan (Session 2025-2026)

Class: M.A. Semester: III

Name of the Course: Agricultural economics (DEC-3) Course Code: M24-ECO-304

Dates: 22 July, 2025 – 24 Nov., 2025

SYLLABUS

Maximum Marks: 100 Time: 3 hours

End Term Exam Marks: 70 Marks Assessment: 30 Marks

Note: Examiner will be required to set nine questions in all. First question will be compulsory, consisting of short type question covering the entire syllabus in addition to that eight more questions will be set, two question from each unit. Students will be required to attempt in all. In addition to the compulsory question, student will have to attempt four more questions selecting one question from each unit.

Unit	Topics	Contact Hours
Unit: I	Agricultural Economics Definition, Nature and Scope; Role of agriculture in Economic development, Resource Management in Agriculture, input output relationship, farm organization, Risk and Uncertainty in Agriculture, Instability in agriculture, Supply and Demand Behavior in Agriculture SELF STUDY CONTENTS (not relevant for exams):land Reforms,	15
Unit: II	Theories of Agricultural Development Schultz's Transformation of Traditional, Agriculture; Mellor's Model of Agricultural Development; Boserup Model of Agriculture Development; Ranis-Fei Model of Agriculture Development; Todaro's model of rural urban migration and unemployment; Hayami - Ruttan Induced Innovation Hypothesis SELF STUDY CONTENTS (not relevant for exams): Lewis theory of unlimited supply of labour	15
Unit: III	Agricultural Production and Its Diversification Agricultural Production- Stock and Flow Resources, Production Relationships, Resource use and efficiency; Production Functions analyses in agriculture; Factor Relationships - Iso-quant and Iso-cost Line, Optimum Combination; Product Relationships Joint Products, Competitive Products, Supplementary Products and Antagonistic Products; Diversification of Agricultural Production - Horticulture and Floriculture, Mushroom Cultivation and Processing of Agricultural Products.	15
Unit: IV	Issues in Indian Agriculture Indian Agriculture: Features, Problems and Trends; Agricultural Productivity in India Causes of low productivity and Suggestions to increase productivity in India: Agricultural	15

Text Books :

1. Dutt and mahajan Book
2. S. Chand and vivek singh

Course Outcomes

1: Understand how farmers allocate resources, manage risk, and respond to market forces.

2: Explore how different approaches can improve farming practices, create jobs, and boost food production.

3: Understand, analyze the present concepts of agricultural production functions and factor product relationships using the tools of micro economics and diversification in agriculture,

4: To learn various issue in Indian Agriculture.

Lesson Plan

SR. No	Date	Course Content
1	11 August - 14 August	Agricultural Economics Definition, Nature and Scope
2	18 August - 23August	Role of agriculture in Economic development, Resource Management in Agriculture, input output relationship, farm organization
3	25 August -30 August	, Risk and Uncertainty in Agriculture, Instability in agriculture
4	1 Sept. - 6 Sept.	Supply and Demand Behavior in Agriculture
5	8 Sept. - 13 Sept.	Schultz's Transformation of Traditional, Agriculture; Mellor's Model of Agricultural Development
6	15 Sept. - 20 Sept.	Boserup Model of Agriculture Development; Ranis-Fei Model of Agriculture Development;
7	22 Sept. - 27 Sept.	Todaro's model of rural urban migration and unemployment
8	29 Sept.- 4 Oct.	Hayami - Ruttan Induced Innovation Hypothesis
9	6 Oct.- 11 Oct.	Agricultural Production- Stock and Flow Resources, Production Relationships, Resource use and efficiency;
10	13 Oct.- 18 Oct.	Production Functions analyses in agriculture; Factor Relationships - Iso-quant and Iso-cost Line, Optimum Combination;
11	27 Oct. - 1 Nov.	Product Relationships Joint Products, Competitive Products, Supplementary Products and Antagonistic Products
12	3 Nov. - 8Nov	Diversification of Agricultural Production - Horticulture and Floriculture, Mushroom Cultivation and Processing of Agricultural Products
13	10 Nov-15 Nov	Indian Agriculture: Features, Problems and Trends
14	17 Nov -22 Nov	Agricultural Productivity in India Causes of low productivity and Suggestions to increase productivity in India: Agricultural Finance
15	24 Nov.	Rural credit; Energy use in agriculture Agricultural Price Policy: origin, objectives, need, instruments, shortcomings and suggestions for Re-orientation of Agricultural Price Policy in India; Agriculture Marketing in India; Agricultural Development and Five Year Plans

Signature of Teacher **Head of Department**

INDIRA GANDHI (P.G.) MAHILA MAHAVIDYALAYA, KAITHAL

Affiliated to Kurukshetra University, Kurukshetra

Department of Economics

Lesson Plan (Session 2025-2026)

Class: M.A. Semester: III

Name of the Course: Economic Policy Analysis (DEC-5) Course Code: M24-ECO-313

Dates: 22 July, 2025 – 24 Nov., 2025

SYLLABUS

Maximum Marks: 100 Time: 3 hours

End Term Exam Marks: 70 Marks Assessment: 30 Marks

Note: Examiner will be required to set nine questions in all. First question will be compulsory, consisting of short type question covering the entire syllabus in addition to that eight more questions will be set, two question from each unit. Students will be required to attempt in all. In addition to the compulsory question, student will have to attempt four more questions selecting one question from each unit.

Unit	Topics	Contact Hours
Unit: I	Policy Analysis: Meaning and Definition; Public Policy Basic Concepts and Theoretical Background for Policy Analysis; Ethical and Political Dimensions of Policy Analysis; Steps in Policy Analysis; Methods in Policy Analysis	15
Unit: II	Agriculture and Industrial Sector Policies in India Agricultural Policy: National Policies on Agriculture, Agriculture Policy Vision 2020, Subsidies, Minimum Support Prices, Public Distribution System, Impact of Agricultural Policy on Agricultural Sector. Industrial Policy: Industrial Policy in India since Independence, Industrial Licensing Policy, New Economic Policy, Impact of Policy Changes on Industrial Production, Structural Changes, Corporate Social Responsibility (CSR)	15
Unit: III	Social Sector Policies in India Population Policies - Demographic Dividend, Population Policy 2000; Poverty and Unemployment Policies - MGNREGA, Unorganised Sector Labour Policies; Health Policies; Education Policies & Right to Education (RTE); Right to Employment; Right to Information; MDGs and SDGs	15
Unit: IV	Macroeconomic and Financial Policies Issues in India Social and Political Landscape in India; New Economic Policy 1995; Structural Adjustments - Liberalization, Privatization (EXIT Policy) and Globalization; Impact of WTO: TRIPS, TRIMS, & GATS. Financial Sector: Banking Sector Policies, Mergers & Amalgamation, NBFIs, Insurance Sector, Financial Sector Reforms, Inflation Targeting Policy, Monetary Policy.	15

Text Books :

1 Economic policy, Dutt and Mahajan
2 Economic policy, T.R. Jain , VK Publication

Course Outcomes

1: To understand the basics and theoretical constructs of policy analysis.

2: To learn to analyse Agriculture and Industrial Sector Policies in India

3: To learn to analyse social Sector Policies in India

4: To learn to analyse macroeconomic and financial Sector Policies in India.

Lesson Plan

SR. No	Date	Course Content
1	11 August - 14 August	Meaning and Definition; Public Policy Basic Concepts and Theoretical Background for Policy Analysis
2	18 August - 23August	Ethical and Political Dimensions of Policy Analysis
3	25 August -30 August	Steps in Policy Analysis; Methods in Policy Analysis
4	1 Sept. - 6 Sept.	Agricultural Policy: National Policies on Agriculture, Agriculture Policy Vision 2020
5	8 Sept. - 13 Sept.	Subsidies, Minimum Support Prices
6	15 Sept. - 20 Sept.	Public Distribution System, Impact of Agricultural Policy on Agricultural Sector.
7	22 Sept. - 27 Sept.	Industrial Policy in India since Independence, Industrial Licensing Policy, New Economic Policy
8	29 Sept.- 4 Oct.	Impact of Policy Changes on Industrial Production, Structural Changes, Corporate Social Responsibility (CSR)
9	6 Oct.- 11 Oct.	Population Policies - Demographic Dividend, Population Policy 2000
10	13 Oct.- 18 Oct.	Poverty and Unemployment Policies - MGNREGA,
11	27 Oct. - 1 Nov.	Unorganised Sector Labour Policies; Health Policies; Education Policies & Right to Education (RTE);
12	3 Nov. - 8Nov	Right to Employment; Right to Information; MDGs and SDGs
13	10 Nov-15 Nov	Social and Political Landscape in India; New Economic Policy 1995; Structural Adjustments - Liberalization, Privatization (EXIT Policy) and Globalization
14	17 Nov -22 Nov	Impact of WTO: TRIPS, TRIMS, & GATS
15	24 Nov.	Financial Sector: Banking Sector Policies, Mergers & Amalgamation, NBFIs, Insurance Sector, Financial Sector Reforms, Inflation Targeting Policy, Monetary Policy.

Signature of Teacher **Head of Department**