

**D.B.G. GOVT.COLLEGE, PANIPAT**

**Session 2026-2027(ODD SEMESTER)**

**NAME OF PROFESSOR:** Nancy Bajaj

**DESIGNATION:** Assistant Professor in Economics

**SUBJECT/PAPER:** Economic Policy Analysis (M24-ECO-313)

**CLASS-**M.A.(Economics) 3<sup>rd</sup> Sem

| S.NO. | MONTH     | TOPICS TO BE COVERED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | July      | <b>Introduction to Policy Analysis</b><br>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                                                                                                                                                                                                                                   |
| 2.    | August    | <b>Agriculture and Industrial Sector Policies in India</b><br>Agricultural Policy: National Policies on Agriculture, Agriculture Policy Vision 2020, Subsidies, Minimum Support Prices, Public Distribution System, Impact of Agricultural Policy on Agricultural Sector.<br>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) |
| 3.    | September | <b>Social Sector Policies in India</b><br>Population Policies - Demographic Dividend. Population Policy 2000; Poverty and Unemployment Policies - MGNREGA, Unorganized Sector Labour Policies; Health Policies; Education Policies & Right to Education (RTE); Right to Employment; Right to Information; MDGs and SDGs                                                                                                                                                                                       |
| 4.    | October   | <b>Macroeconomic and Financial Policies Issues in India</b><br>Social and Political Landscape in India; New Economic policy 1995; Structural Adjustments - Liberalization, Privatization (EXIT policy) and Globalization; Impact of WTO: TRIPs, TRIMs, & GATS.<br>Financial Sector: Banking Sector Policies, Mergers & Amalgamation, NBFIs, Insurance Sector, Financial Sector Reforms, Inflation Targeting policy, Monetary policy.                                                                          |
| 5.    | November  | Revision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

**ONE ASSIGNMENT AND ONE UNIT TEST WILL BE TAKEN AS PER SCHEDULE.**

**Signature of Assistant Professor**

**D.B.G. GOVT.COLLEGE, PANIPAT**

**Session 2026-2027(ODD SEMESTER)**

**NAME OF PROFESSOR: Nancy Bajaj**

**DESIGNATION:** Assistant Professor in Economics

**SUBJECT/PAPER:** Agricultural Economics (M24-ECO-304)

**CLASS-M.A.(Economics) 3<sup>rd</sup> Sem**

| S.NO. | MONTH     | TOPICS TO BE COVERED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | July      | <b>Introduction To Agriculture Economics</b><br>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                                                                                                                                                                                                    |
| 2.    | August    | <b>Theories of Agricultural Development</b><br>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                                                                                                                                                                                                      |
| 3.    | September | <b>Agricultural Production and Its Diversification</b><br>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 |

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| <b>4.</b> | <b>October</b>  | <b>Issues in Indian Agriculture</b><br>Indian Agriculture: Features, Problems and Trends; Agricultural Productivity in India - Causes of low productivity and Suggestions to increase productivity in India; Agricultural finance; Rural credit; Energy use in agriculture Agricultural Price Policy; origin, objectives, instruments, shortcomings and suggestions for Re-orientation of Agricultural Price Policy in India: Agriculture Marketing in India; Agricultural Development and Five Year Plans |
| <b>5</b>  | <b>November</b> | Revision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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**Signature of Assistant Professor**

**D.B.G.GOV.T.COLLEGE, PANIPAT**

**Session 2026-2027 (ODD SEMESTER)**

**NAME OF PROFESSOR:** Nancy Bajaj

**DESIGNATION:** Assistant Professor in Economics

**SUBJECT/PAPER:** Business Economics(B23-COM-304)

**CLASS-** B.COM 2<sup>nd</sup> Year 3<sup>rd</sup> SEM

| SR.<br>NO. | MONTH  | TOPICS TO BE COVERED                                                                                                                                                                                                                                                                                                                                      |
|------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.         | July   | Nature and scope of business economics, Importance of economics in business decisions. Basic Economic Concepts; Marginal analysis.Nature of demand function: law of demand, shifts in demand curve, factors influencing demand.Elasticity of demand: price, income and cross. Consumer's equilibrium Cardinal Utility Approach, Ordinal Utility approach. |
| 2.         | August | Production function: short and long run - law of variable proportions; Return to factor; Law of returns to scale; economies and diseconomies of scale.Equilibrium of firm under perfect competition; monopoly - price discrimination, Price and output determination under monopolistic competition; Decisions under monopolistic competition.            |

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| 3. | September | Non-collusive oligopoly models - Cournot and Kinked Demand Curve; Collusive oligopoly models – Cartels, price leaderships. Employment theory, classical employment theory; Keynesian theory of employment. Money definition and its functions.                                             |
| 4. | October   | Macro Economics: concept, nature and scope. Circular flow of income (four core sectors). National income concepts (an overview) – GNP, GDP, NNP, NDP. Inflation: types and control; Money supply (monetary aggregates); Fiscal policy, Monetary policy; Business cycles and their control. |
| 5  | November  | Revision                                                                                                                                                                                                                                                                                   |

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Signature of Assistant Professor

**D.B.G.GOV.T.COLLEGE, PANIPAT Session2026-**

**2027(ODD SEMESTER)**

**NAMEOFPROFESSOR:** Nancy Bajaj

**DESIGNATION:** Assistant Professor in Economics

**SUBJECT/PAPER:** Introductory Economics(M24-OEC-309)

**CLASS-M.COM** 3<sup>rd</sup> SEM

| <b>SR. NO.</b> | <b>MONTH</b>     | <b>TOPICS TO BE COVERED</b>                                                                                                                                                                                                                                                            |
|----------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1.</b>      | <b>August</b>    | Microeconomics<br>Meaning, Nature, and Branches of Economics; Central Economic Problems; Concepts of Demand and Supply; Factors of Production; Concepts of Cost and Revenue; Market Forms and their Features.                                                                          |
| <b>2.</b>      | <b>September</b> | Macroeconomics<br>Basic Concepts in National Income; Concepts of Saving and Investment; Money and its Functions; Current Account and Capital Account; Balance of Payment and Balance of Trade; Concept of Exchange Rate.                                                               |
| <b>3.</b>      | <b>October</b>   | Public Finance and Development Economics Direct Taxes and Indirect Taxes: Types, Merits and Demerits; Fiscal Policy and its Instruments; Budget and Fiscal Deficits; Concept of Economic Growth and Economic Development; Human Development Index; Gender Development Index.           |
| <b>4.</b>      | <b>November</b>  | Indian Economic Policy<br>Basic Features of Indian Economy in Present Times; Poverty Alleviation Programmes; Causes of Inflation; RBI and its Monetary Policy; Role of Agricultural, Industrial, and Service Sectors; Liberalization, Privatization and Globalization (Concepts only). |

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**Signature of Assistant Professor**

**D.B.G.GOV.T.COLLEGE, PANIPAT Session2026-**

**2027(ODD SEMESTER)**

**NAMEOFPROFESSOR:** Nancy Bajaj

**DESIGNATION:** Assistant Professor in Economics

**SUBJECT/PAPER:** Mathematics for Economist (M24-ECO-103)

**CLASS-**MA Economics (P) 3<sup>rd</sup> SEM

| S.NO. | MONTH     | TOPICS TO BE COVERED                                                                                                                                                                                                                                                                                                                                                          |
|-------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | September | Matrix Algebra and Its ApplicationsConcept of Matrix and Determinant - their types, simple operations on matrices; Matrix inversion and rank of matrix; Solution of simultaneous equations through Cramer's rule and Matrix inverse method; Introduction to input-output analysis.                                                                                            |
| 2.    | October   | Differential Calculus and Its Applications, 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.                                                    |
| 3.    | November  | Integral Calculus and Differential Equations 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.                                                         |
| 4.    | December  | Difference equations and Linear Programming Difference equations – Solution of first order and second order difference 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 |

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