

Approved Syllabus for Kashmir University PG Entrance in Economics for one year PG programme based on NEP-2020 for the year 2025 and Onwards

**Unit 1:**

Concept of Budget set and its properties, Consumer Preferences – assumptions and examples; Preferences and Properties; Cardinal utility – constructing a utility function, Consumer Equilibrium. Indifference Curve Analysis, Income-Consumption Curve and Price-consumption Curve, Effects of a Price Change – Income and Substitution Effects with a Normal/Inferior Good, Compensating Variation and Equivalent Variation, Slutsky Equation, Samuelson's revealed preference theory (Weak and Strong Axioms).

**Unit 2:**

Production functions - Cobb-Douglas and CES; Expansion path and Ridge Lines; Producer's Equilibrium - Profit maximization and Cost minimization; Costs – Traditional Theory of Cost - Short run and Long run; Modern Theory of Costs – Short Run and Long Run.

**Unit 3:**

Competitive Markets – Demand and Supply analysis; Short-run versus Long-run; Competitive Market Equilibrium; Monopoly- Market Equilibrium, Price discrimination – first, second and third degree; Natural Monopoly & Economies of Scale.

**Unit 4:**

National Income Identities– Concept and Measurement, Circular Flow of Income – Two, Three and Four Sector Models, Consumption and Saving Function, Psychological Law of Keynes. Kuznets Puzzle. Relative Income hypothesis. Investment: meaning and types, marginal efficiency of investment, concept of multiplier: Static and Dynamic, Accelerator: Concept and Theory.


**Unit 5:**


Classical Macroeconomics: Theory of equilibrium output and employment; Classical dichotomy and monetary neutrality; Say's Law of Markets; Classical theory of interest rate. Keynes theory of income determination: open and closed economy, macroeconomic multipliers.

**Unit 6:**

Concept and Approaches to Definition of Money. Principles of Note Issue, Measures of Money Supply, Concept of High-Powered Money and Money Multiplier, Monetary Policy: Objectives and Instruments.

Classical theory of demand for money; Keynesian theory of the interest rate and theory of demand for money; Tobin's portfolio balance approach to demand for money; Baumol's inventory approach to money demand.

  
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**Unit 7:**

Functions – Types and Properties – Constant, Polynomial and Rational Functions. Concept of Derivatives and their Applications in Economics (Numerical Examples on derivation of Marginal Revenue and Marginal Cost); Maxima and Minima Using First order Condition. Integration and their Applications in Economics—Consumer's and Producer's Surplus.

**Unit 8:**

Measures of Central Tendency; Measures of Dispersion. Sampling Methods: Probability & Non- Probability Sampling Methods. Correlation – Meaning and Scope; Karl Pearson's Coefficient of Correlation; Rank Correlation; Index Numbers: Concept and Types.

**Unit 9:**

International Trade - the Mercantilist views on trade; the theories of absolute and comparative cost advantage; Haberler's theory of opportunity cost; Mill's theory of reciprocal demand

Free trade and protection – arguments for and against; Instruments of trade policy— tariffs, quotas: Concept of Trade Creation and Diversion. Optimum tariff, effective rate of protection; GATT, WTO: Principles, functions and agreements.

**Unit 10:**

Basic features of Indian economy at the eve of independence; growth and development under different policy regimes- Nehruvian, early liberalization & new economic reforms; structural transformation in India. Green revolution and new agriculture strategy; agricultural price policy; industrial policy of 1956 and 1991.

**Unit 11:**

Concept of development; Alternative measures of development: HDI; A.K. Sen's concept of development- Capabilities approach; Concept of Inequality; Lorenz curve, Kuznets ratio and Gini coefficient; Poverty – concept and measurement – Headcount Ratio, Poverty Gap Ratio. Multi-dimensional poverty index.

Classical Theories of Development: Adam Smith, David Ricardo and Karl Marx. Low Level equilibrium trap–Nelson model. The theory of big push; Balanced and Unbalanced growth models.

**Unit 12:**

Concept and Approaches to Definition of Money. Principles of Note Issue: Currency and Banking Principle, Methods of Note Issue. Measures of Money Supply, Concept of High-Powered Money and Money Multiplier, Monetary Policy: Objectives and Instruments.

**Unit 13:**

Game Theory – Concept of game and its types - Prisoner's dilemma; dominant strategy, Nash equilibrium; Imperfect Markets – Models of oligopoly – Cournot and Bertrand; monopolistic competition – key characteristics; equilibrium in short run and long run. Factor pricing in perfectly and imperfectly competitive markets; Pareto optimal allocations – concept; Market

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failure- concept, asymmetric information, adverse selection, principle-agent problem - moral hazard; uncertainty – assessing risk, attitudes towards risk – risk aversion and risk neutral.

#### Unit 14

Externality: Concept, Types and Solution- Private and Public; Optimal provisions of public goods; problems of allocating resources – preference revelation and aggregation; Structure of public budget; classification of taxes; tax incidence in competitive markets.

#### Unit 15

IS-LM Model for Closed Economy- Slope & shift factors; Monetary and Fiscal policy effectiveness in IS- LM model. IS-LM Model for Open Economy- IS- LM & BP schedules; slope & shift factors; policy effectiveness under perfect & imperfect capital mobility in flexible & fixed exchange rate regimes.


#### Unit 16

Economic growth: concept and measurement, factors affecting economic growth, technological progress: meaning, nature and classification, Harrod—Domar model: basic structure, problem of instability. Solow model: basic structure and concept of Steady state.

#### References:

1. Koutsoyiannis, A. (1979). Modern Microeconomics. Macmillan Education.
2. Perloff, J. M. (2015). Microeconomics: Theory and Applications with Calculus. Pearson.
3. Blanchard O (2017). Macroeconomics, 7th Edition Pearson.
4. Mankiw, N. (2016). Macroeconomics, 9th ed. Worth Publishers.
5. Froyen, R.T. (2013). "Macroeconomics" Theories and Policies, Pearson Education, 10th Edition.
6. A.C. Chiang and Kevin Wainwright (2017). Fundamental Methods of Mathematical Economics. McGraw Hill Education; Fourth Edition.
7. K. Sydsaeter and P. J. Hammond (2016). Mathematics for Economic Analysis. Pearson Education India.
8. Gupta, S.C and V.K. Kapoor (2017). Fundamentals of Applied Statistics, Sultan Chand & sons.
9. Elhance, D.N, Elhance, V. and Aggarwal, B.M (2011). Fundamentals of Statistics, Generic.
10. Salvatore, D (2016). International Economics, John Wiley .
11. Misra & Puri (2024). Indian Economy, Himalaya Publishing House, 30th Edition.
12. Todaro, M.P. (1996). Economic Development, Longman,London.
13. Thirwal, A.P. (1999). Growth and Development,Macmillan,U.K.
14. Gupta, S. B. (2010). Monetary Economics: Institutions, Theory & Policy. S Chand & Company.
15. Sethi, T.T (2005). Money, Banking and International Trade. S Chand Publication.
16. Barro, Robert J. and Sala-i-Martin, Xavier. Economic Growth, Prentice Hall of India Private Limited, 2nd edition, 2007.



  
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17. Varian H. R. (2010). Intermediate Microeconomics – A Modern Approach. EWP and WW Norton and Co, Inc.: New York.
18. Stiglitz, Joseph E., Rosengard, Jay K.. (2015). *Economics of the Public Sector* (Ed. 4th). New York: W.W. Norton & Company, Inc.
19. Dornbusch, R., Fischer, S., Startz, R. (2018). *Macroeconomics*, 12th ed. McGraw-Hill

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Enclosed by Departmental Committee

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2. ~~Amit~~
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7. Rahul Kull

Recommended and forwarded for further  
 course of action please

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