



DR. C.V.RAMAN UNIVERSITY

KARGI ROAD, KOTA, BILASPUR (C.G.)

MASTER OF ARTS (ECONOMICS)

Duration - 24 Months (2 Years)

Eligibility – Graduation in any discipline

SCHEME OF EXAMINATION

Course Code	Nature of the Course	Name of the Course	Credit				Total Marks	Theory		Practical Marks		Assignment	
			L	P	T	Total		Max	Min	Max	Min	Max	Min
First Semester													
4010113201	Core	Advanced Economics Analysis-I	3	-	1	4	100	70	28	-	-	30	15
4010113202	Core	Quantitative Method	3	-	1	4	100	70	28	-	-	30	15
4010113203	Core	Macro Economics	3	-	1	4	100	70	28	-	-	30	15
4010113204	Core	Public Economics	3	-	1	4	100	70	28	-	-	30	15
4010113205	Core	Agriculture Economics	3	-	1	4	100	70	28	-	-	30	15
Total			15	0	5	20	500	350	140	-	-	150	75
Second Semester													
4010213201	Core	Advanced Economics Analysis-II	3	-	1	4	100	70	28	-	-	30	15
4010213202	Core	Monetary Economics and Banking	3	-	1	4	100	70	28	-	-	30	15
4010213203	Core	International Economics	3	-	1	4	100	70	28	-	-	30	15
4010213204	Core	Demography	3	-	1	4	100	70	28	-	-	30	15
4010213205	Core	Mathematical Economics	3	-	1	4	100	70	28	-	-	30	15
Total			15	-	5	20	500	350	140	-	-	150	75
Third Semester													
4010313201	Core	History of Economic Thought	3	-	1	4	100	70	28	-	-	30	15
4010313202	Core	Economics of Growth & Development	3	-	1	4	100	70	28	-	-	30	15
4010313203	Core	Industrial Economics	3	-	1	4	100	70	28	-	-	30	15
	Discipline Specific Elective	Elective Paper - I	3	-	1	4	100	70	28	-	-	30	15
	Discipline Specific Elective	Elective Paper - II	3	-	1	4	100	70	28	-	-	30	15
Total			15	-	5	20	500	350	140	-	-	150	75
Fourth Semester													
4010413201	Core	Research Methodology	3	-	1	4	100	70	28	-	-	30	15
	Discipline Specific Elective	Elective Paper - III	3	-	1	4	100	70	28	-	-	30	15
	Discipline Specific Elective	Elective Paper - IV	3	-	1	4	100	70	28	-	-	30	15
4010433201	Research Component	Project Work	-	8	-	8	200	-	-	200	100	-	-
Total			9	-	3	20	500	210	84	200	100	90	45

Evaluation Scheme

- The minimum Marks required to pass any theory paper in a Semester shall be 40 %.
- The minimum Marks required to pass in each Project works/ Practical/ Assignments/Dissertation shall be 50%.

LIST OF ELECTIVES

***Note** - Students need to select one paper from each elective for third & fourth semester.

Elective Paper Third Semester			Elective Paper Fourth Semester		
Codes	Nature of the Course	List of Electives	Codes	Nature of the Course	List of Electives
Elective -I			Elective -III		
4010343201	Discipline Specific	Labour Economics	4010443201	Discipline Specific	Statistics
4010343202	Discipline Specific	Economics of social sector & environment	4010443202	Discipline Specific	India`s Foreign Trade and International Institutions
Elective -II			Elective -IV		
4010343203	Discipline Specific	Political Economy	4010443203	Discipline Specific	Indian Economic Policy
4010343204	Discipline Specific	Applied Econometrics	4010443204	Discipline Specific	Economics of Health And Education



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SEMESTER- 1st

Course:- M. A. Economics

SUBJECT:- Advanced Economics Analysis-I

Subject Code:- 4010113201

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To educate about Micro Economics, specially consumption and production.
- To develop Micro level understanding about consumption & production.

Unit – 1 General Introduction to Micro and Macro Economics- Positive and Normative Economics. Economics of Scarcity and Choice, Rational Behavior, Utility Analysis. The law of Diminishing Marginal Utility, The law of Equi-marginal utility.

Unit – 2 Ordinal and Cardinal approach of Utility- Indifference curve analysis, Indifference curve and Budget line. Price effect, Income Effect & Substitution Effect. Utility Maximization Rule, Practical significance.

Unit – 3 Demand & Elasticity of Demand- Demand & Elasticity of Demand and their applications, Law of Supply & Elasticity of Supply and their applications Derivation of demand curve from Price Consumption curve, Derivation of Market demand curve, Changes in Demand and Supply and their quantity, Demand and Consumer Surplus. Classical and Modern concepts.

Unit – 4 Revealed Preference Theory-Consumer Choice under Uncertainty, Hicksian Revision of Demand Theory.

Unit – 5 Production- Production concept of Proportion and Scale. Law of Variable Proportions and Returns to scale. Production function and Cobb- Douglas Production function, Producer's Equilibrium . Elasticity of Substitution - Euler's theorem, Cost Functions, Cost curves, Iso -cost curves, Traditional and Modern Cost analysis.

Outcomes:-

- Students will be educate about Micro Economics.
- Students will be able to understand the theory of consumption & production

Book References

1. Pant J.C. and Agrawal, Economics – Sahitya Bhawan Publication, Agra.
2. Sinha V.C. and Sinha Pushpa; Economics- Sahitya Bhawan publication, Agra.
3. M.L. Seth Micro Economics and M.L Sinha Micro Economics
4. K.K Dewett, Modern Economic Theory, S. chand & company. Ltd.
5. Maheshwari P.D. and Gupta Sheelchand – Economics; Kailas pustak sadan Bhopal.
6. Bansal and Agrawal, Micro Economics – Sahitya Bhawan Publication, Agra.
7. Ahuja H.L. Modern Economic Theory, S. chand & company. Ltd.



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Kargi Road, Kota, Bilaspur (C.G.)

SEMESTER- 1st

Course:- M. A. Economics

SUBJECT:- Quantitative Method

Subject Code:- 4010113202

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To prepare our students with appropriate Statistical skills for learning.
- To prepare our students with appropriate introductory Mathematical skills for learning.

Unit – 1 **Statistics** - Definition, Importance & Scope of Statistics, Measures of Central tendency .Measures of dispersion and skewness. Correlation Analysis- Correlation Coefficient, Methods of Computing simple correlation, Concept of Probable Error. Spearman's Coefficient of Rank Correlation.

Unit – 2 **Regression Analysis:** Concept, Regression lines, Finding Regression Co-efficient and equations.
Interpolation and Extrapolation- Concept, Significance, Assumptions, Methods of Interpolation and Extrapolation.

Unit – 3 **Index Numbers:** A Conceptual framework, uses, Types, Problems in construction of Index Numbers, The Chain Index Numbers, Base Shifting and Deflating the Index Numbers, Cost of Living Index Numbers.

Unit – 4 **Linear and Simultaneous Equations-** Linear and Simultaneous Equations up to Three Variables and Its Application in Economics, Calculation of Equilibrium Prices, Impact of Tax and Subsidy on Demand and Supply Model Calculations of Factor Prices. Calculations of Macro Economic Variables.

Unit – 5 **Simple Differentiation-** Simple Differentiation and Its Application in Economics, Calculation of Elasticity Coefficient. Marginal Cost and Marginal Revenue.

Outcomes:-

- Students will be able for a better understanding about statistical skills and Introductory Mathematical skills.
- Students will be able for a better understanding about Mathematical tools using for Modern Economics.

Book References:

- 1 . Shukla & Sahay, Quantitative Techniques . Sahitya Bhawan Publication, Agra.
- 2 . Nagar K.N. Quantitative Techniques .
- 3 . Singhai G. C. Quantitative Techniques. Sahitya Bhawan Publication, Agra.
4. Shukla S.C. Statistics technique. Sahitya Bhawan Publication, Agra.
- 5.Gupta R.K. Quantitative Techniques . S. chand & company. Ltd.
6. S.P. Singh Statistics, S. chand & company. Ltd.
7. Jain Dr. S.C. Quantitative Techniques. Kailas pustak sadan Bhopal.



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SEMESTER- 1st

Course:- M. A. Economics

SUBJECT:- Macro Economics

Subject Code:- 4010113203

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To provide a better understanding our students with Macro Economics Consumption & Investment function.
- To provide our students with Money & Quantitative Theory of Money.

Unit – 1 **Macro Economics** - Nature of Macro Economics Variables, Basic Concepts of Stock and Flow. National Income and its measurement, GDP and GNP, Importance of National Income Estimation, National Income and Economic Welfare, National Income Estimation in India. Functional relationships of National Income.

Unit – 2 **Theories of Consumption and Investment-** APC and MPC. Factors affecting consumption. Income - Consumption Hypothesis, Saving Function, Paradox of Thrift Investment Function, Determinants of Investments MEC and MEL Theories of Investment, C, S, I measurement in Indian Economy.

Unit – 3 **Theories of Employment-** Classical Theory, Say's Law of Market, Classical Model with and without saving and Investment, Criticism of the Model. Keynesian Model of Employment with Demand and Supply of Money. Measurement and Trends of Unemployment in Indian Economy.

Unit – 4 **The Component of Money Supply-** Interest Rate and Theory of Liquidity Preference. IS-LM Analysis and Interest Rate Determination. Keynes Vs The Classical concepts. Monetary Policy and its Instruments.

Unit – 5 **Macro Economic Equilibrium-** Income Determination in Closed and Open Economy, Consumption and Investment Function, Concept of Simple Multiplier and Dynamic Multiplier. Leakages of Multiplier. Concept of Accelerator.

Outcomes:-

- Students will be able for a better understanding about Macro Economics.
- Students will be able for a better understanding about Money, Monetary Policy and the Quantitative Theory of Money.

Book References

1. S.B. Gupta, Monetary Economics, S. Chand & Co.
2. T.T. Sethi, "Money, Banking and International Trade".
3. D.M. Mithani, "Money theory and Banking". Himalaya Publishing House Pvt. Ltd.
4. Singhai G.C. Macro Economics – Sahitya Bhawan Publication, Agra.
5. Maheshwari Dr. P.D. and Varshneya, Macro Economics Analysis. Kailas pustak sadan Bhopal.
6. Chakraborty S.K. Macro Economics, Himalaya Publishing House Pvt. Ltd.



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SEMESTER- 1st

Course:- M. A. Economics

SUBJECT:- Public Economics

Subject Code:- 4010113204

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To prepare our students with Public Finance & its various development as Public Expenditure, Public Revenue & Public Debt.
- To prepare our students with Fiscal Policy & its impact on Economy.

Unit – 1 **Public Economics-** Public Choice Voting and Resource Allocation, Public Choice Analysis, The Growth of Government - Significance & Failure.

Unit – 2 **Theory of Maximum Social Advantage** - Role of Govt. in Organized Society – Government as an agent for Economic Planning & Development Concept of Public Goods, Private Goods and Merit Goods. Maximum Social Advantage Theory of Dalton, Pigous and Musgrav.

Unit – 3 **Public Expenditure** - Wagner's Law of Increasing State Activities, Wiesman- Peacock Hypothesis. Effects of Public Expenditure Efficiency Effect, Incentive Effect, Allocative Effect on Distribution, Employment, Economic Stability & Economic Development. Dalton's Norm of Public Expenditure.

Unit – 4 **Public Revenue-** Canons of Taxation, Taxable Capacity, Factors Determining Taxable Capacity, Its Significance. Theories of Taxation Benefit Theory, The Cost Service Theory and Ability to Pay Theory, Incidence of Taxes. Effects of Taxation Efficiency Effect, Incentive Effect, Allocative Effect.

Unit – 5 **Public Debt-** Public Debt & Economic Growth, Public Debt and Inflation, Public Debt as a means of regulating Economy, Debt Burden, Debt Redemption, Deficit financing, Fiscal Policy and its objectives.

Outcomes:-

- Students will be a better understanding of the National Fiscal Policy.
- Students will be a better understanding about Public Finance and Components.

Book References

1. S.B. Gupta, Monetary Economics, S. Chand & Co.
2. T.T. Sethi, "Money, Banking and International Trade".
3. D.M. Mithani, "Money theory and Banking". Himalaya Publishing House pvt. Ltd.
4. Singhai G.C., Economics – Sahitya Bhawan Publication, Agra.
5. Maheshwari P.D. and Gupta Sheelchand – Public Economics; Kailas pustak sadan Bhopal.
6. Jain and Agrawal Purnima –Public Finance; Kailas pustak sadan Bhopal.



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SEMESTER- 1st

Course:- M. A. Economics

SUBJECT:- Agriculture Economics

Subject Code:- 4010113205

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To provide a better understanding about Agriculture Economics and its role in Indian Economy.
- To provide a better understanding about various problems of Indian agriculture, Indian agricultural debtness and issue of Indian agriculture in global perspective.

Unit – 1 **Agricultural Economics-** Meaning, Nature and Scope, Role of Agriculture in Indian Economy, Stages of Agriculture Development, Lewis Model and Rene-Fe contribution.

Unit – 2 **Agriculture System-** Optimum Combination problems in Agriculture input (in reference to land, Labour and capital), Agriculture System and their types Co-operative Vs Private, Agriculture Holdings, Land Reforms in India and Chhattisgarh

Unit – 3 **Agricultural indebtedness, Agricultural Finance-** Source, types and problems, **Agricultural Marketing-** types and problems, Fluctuations in Agricultural Prices, Agriculture Price Policy, Minimum Support Price

Unit – 4 **Agricultural Development in Planned Periods-** Technological Development in Agriculture, Dry Farming, Green revolution, Farm Management, Agriculture Taxation.

Unit – 5 **Issue of Indian Agriculture in Global Perspective-** Provisions regarding Agriculture in W.T.O., Agriculture Development in Chhattisgarh, Agriculture related Problems and Suggestions in Chhattisgarh.

Outcomes:-

- Students will be able for a better understanding about what is the problems and sickness of Indian agriculture.
- Students will be able for a better understanding about agriculture development in periods of planning and various global issue in Indian agriculture.

Book References:

1. MAHESHWARI P.D. AND JAIN S.C.– AGRICULTURAL ECONOMICS KAILAS PUSTAK SADAN BHOPAL.
2. Bilgrami, S.A.R.” An Introduction To Agricultural Economics” Himalaya Publishing House Pvt. Ltd.
3. Desai, R.G. “Agricultural Economics” Himalaya Publishing House Pvt. Ltd.
4. Singh, Sandhu & Singh “ Fundamental of Agriculture Economics” Himalaya Publishing House Pvt. Ltd.



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SEMESTER- 2nd

Course:- M. A. Economics

SUBJECT:- Advanced Economics Analysis-II

Subject Code:- 4010213201

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To prepare our students about Third & Fourth Basic factors of Economics- Exchange & Distribution.
- To develop understanding about Market Structure and Distribution.

Unit-1 **Perfect competition-** Short run and Long run Equilibrium of the firm and industry, Price and Output determination, Supply curve.

Monopoly- Short run and long run equilibrium, Price discrimination, Welfare aspects, Monopoly control and regulation.

Unit-2 **Monopolistic competition-** General and Chamberlain Approaches to equilibrium, Equilibrium of the firm and the Group with product differentiation and selling costs, excess capacity under Monopolistic and Imperfect competition, criticism of Monopolistic competition.

Oligopoly- Kinked demand curve and collusive (Cartels and mergers, Price leadership), Price and Output determination under Monopoly and Bilateral Monopoly.

Unit-3 **Distribution-** Neo Classical Approach, Marginal Productivity Theory; Theory of distribution in Imperfect Product and factor markets Macro Theories of Distribution - Ricardian and Modern Theory.

Unit-4 **Wages-** Theories of Wages- Marginal Productivity and others Theories, Concept and Importance of Minimum wages.

Rent- Determination of Rent- Classical and Modern theories and Concept of Quasi rent.

Interest - Theory of Interest - Liquidity Preference and IS-LM curve Theory.

Profit - Theories of Profit.

Unit-5 **Welfare Economics-** Partial and General Equilibrium Pigouvian Welfare Economics- Pareto Optimal Conditions Value Judgment.

Social Welfare function- Compensation Principle Inability to Obtain Optimum Welfare - Imperfections, Market failure.

Outcomes:-

- Students will be able to discuss on Market system.
- Students will be able to understand the Theory of Distribution In Modern Era.

Book References

1. Pant J.C. and Agrawal, Economics – Sahitya Bhawan Publication, Agra.
2. Sinha V.C. and Sinha Pushpa; Economics- Sahitya Bhawan publication, Agra.
3. M.L. Seth Micro Economics and M.L Sinha Micro Economics; Kailas pustak sadan Bhopal.
4. Maheshwari P.D. and Gupta Sheelchand – Economics; Kailas pustak sadan Bhopal.
5. Bansal and Agrawal, Micro Economics – Sahitya Bhawan Publication, Agra.
6. Ahuja H.L. Modern Economic Theory, S. chand & company. Ltd.



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SEMESTER- 2nd

Course:- M. A. Economics

SUBJECT:- Monetary Economics and Banking

Subject Code:- 4010213202

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To prepare our students with a better understanding about measures of Money and value of Money.
- To provide a better understanding our students with Banking system of India.

Unit-1 **Theories of Value of Money-** Fisher, Cambridge equations, the cash Balances approach Keynesian Theory of Money and Prices, The Real Balance Effect, Modern - Quantity Theory of Money.

Unit-2 **Measures of Money** – Stock and Flow, Creation of Credit, Multiplier, Instruments of Monetary Controls, Monetary, Policy- Its role and effectiveness.

Unit-3 **Inflation** - Inflation Measurement and types of Inflation, Demand and Supply side Inflation, Excess Demand and Inflation, Effects of Inflation, Methods to Check Inflation, Stagflation and Anti-Inflation Policy, Inflation and Indian Economy. Inflation and Unemployment, Phillips curve, The Relationship between Inflation and Unemployment.

Unit-4 **Banking Systems in India-** Types of Banks. Bank as Depositories, Demand Deposits, Bank as Financial Intermediaries, Commercial Banking Origin & Growth, Functions of Commercial Banks. Role of Commercial Banks in a Developing Economy. New Trends in Commercial Banking.

Unit-5 **Business Cycles-** Meaning and Nature, Theories of Trade- Cycle.

Monetary Theory- Schumpeter, Keynesian, Samuelson and Hicks. Non-Monetary Theories of Business cycles.

Outcomes:-

- Students will be able for understanding about Money and their various features.
- Students will be able for a better understanding about Banking system & Monetary Policy of RBI.

Book References

1. S.B. Gupta, Monetary Economics, S. Chand & Co.
2. T.T. Sethi, "Monetary Economics". S. chand & company. Ltd.
3. D.M. Mithani, "Money Banking, International Trade and Public Finance". Himalaya Publishing House Pvt. Ltd
4. .Singhai G.C., Economics – Sahitya Bhawan Publication, Agra.
5. Maheshwari P.D. and Gupta Sheelchand – Monetary Economics and Banking ; Kailas pustak sadan Bhopal.



Dr. C.V. RAMAN UNIVERSITY

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SEMESTER- 2nd

Course:- M. A. Economics

SUBJECT:- International Economics

Subject Code:- 4010213203

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To provide a better understanding our students International Economics its various Theories.
- To provide a better understanding our students for Terms of trade & Tariffs

Unit-1 **Interregional and International Trade** - Distinguishing features of Interregional and International Trade- Differences and Similarities between inter-regional and international trade; Importance and Scope of International Trade. International division of Labour and Specialization; Smith's theory of Absolute Difference in Costs; Ricardian theory of comparative differences in costs and its application in Underdeveloped Countries.

Unit-2 **Various Theory of International Trade1-** Mills' theory of Reciprocal Demand; Concept of Offer Curves; Explanation of Mill's concept of Reciprocal Demand with the help of Marshall's Offer Curves. International Trade Equilibrium; Some analytical tools- Offer curves Production Possibility Curves; the Community Indifference Curves; Equilibrium in Community Consumption and Output.

Unit-3 **Various Theory of International Trade2-** Haberler's Theory of Opportunity Costs; International trade under constant, Increasing and decreasing opportunity costs. The Modern Theory of Factor Endowments; its explanation under price criterion and physical criterion; Theory's relevance today. Its superiority over the classical theory; Leontief Paradox

Unit-4 **Terms of Trade** -International trade and factor prices, Samuelson's Factor Price Equalization Theorem. The Terms of Trade- Meaning and various concepts of Terms of Trade; Factors affecting the Terms of Trade; Terms of Trade and underdeveloped countries.

Unit-5 **Tariffs** - Meaning and types, Effects of tariff under partial and general equilibrium, Optimum tariff and welfare, Effects of tariff on income distribution The Stopler- Samuelson theorem, Dumping- Types, Objectives and effects of Dumping, Current incidence of dumping in India and its Impact on our Economy; Anti-Dumping measures.

Outcomes:-

- Students will be able for understanding about International Trade and its Theory.
- Students will be able for a better understanding about Terms of Trade and Tariffs.

Book References

1. T.T. Sethi, "International Economics;" S. chand & company. Ltd.
2. D.M. Mithani, "International Economics". Himalaya Publishing House Pvt. Ltd.
3. Barla and agrawal , "International Economics" Sahitya Bhawan Publication, Agra.
4. Singhai G.C., Economics – Sahitya Bhawan Publication, Agra.
5. Maheshwari P.D. and Gupta Sheelchand – Monetary Economics and Banking ; Kailas pustak sadan Bhopal
6. Maheshwari P.D. and Gupta Sheelchand – International Economics; Kailas pustak sadan Bhopal.



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Kargi Road, Kota, Bilaspur (C.G.)

SEMESTER- 2nd

Course:- M. A. Economics

SUBJECT:- Demography

Subject Code:- 4010213204

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To provide our students with appropriate demographic measures skill to lay the Ground work for learning.
- To prepare our students for successful demographic promotions.

Unit -1 **Demography** - Meaning and significance, Techniques of Demographic Analysis, Relationship with other sciences. Basic concepts of Demography - Population Pyramid, Density of Population, Sex- ratio, Population Growth and Population Trap.

Unit -2 **Theories of Population-** Malthusian theory of population, Optimum theory of Population, Social cultural theories - Dumont's theory of social capillarity, L. Brento's theory of increasing prosperity and pleasure, Henry George's theory of Intellectual development. Theory of Demographic transition.

Unit -3 **Different Demographic Measurements-** Birth rate , Death rate, Life- Table, Gross and Net Reproduction rate with reference to India. Human Resource Development in India.

Unit -4 **Indian census** - Composition of Population in India, Census of 1991 to 2011 Main characteristics. Population Education in India

Unit -5 **Population and Economic development-** Trends and Distribution of World population. Population Policies in India. Population control measures in India.

Outcomes:-

- Students will be able for understanding about Theories of population and its various measurements.
- Students will be able for comparative study of India census and impacts of over populated country.

Book References

1. Gupta Sheelchand and Khatri – “Demography”; Kailas pustak sadan Bhopal.
2. Sinha V.C. “Demography” – Sahitya Bhawan Publication, Agra.
3. Bhende & Kanitkar ,”Principle of Population Studies”. Himalaya Publishing House Pvt. Ltd.



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SEMESTER- 2nd

Course:- M. A. Economics

SUBJECT:- Mathematical Economics

Subject Code:- 4010213205

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To provide a better understanding with various economics terms in Mathematical forms.
- To prepare our students for modern econometrics tools.

Unit – 1

Consumer Theory- Utility function; budget line: constrained optimization; consumers equilibrium; income effect, substitution effect; Slutsky equation; derivation of Demand curve; elasticity of demand; consumers surplus.

Unit – 2

Theory Of Production - Properties of production function-homogenous and non-homogenous; Cobb- Douglas CES Returns, to Scale; Technology progress and production function; choice of optimal combination of factors of production; cost and revenue function; derivation of cost curves; relation between total average and marginal cost and revenue; produces surplus; production possibility curve; adding-up theorem.

Unit – 3

Market Structure/Pricing - Concept of equilibrium; equilibrium of the firm under perfect competition; Monopoly; Price discrimination; Monopolistic Competition; subsidies and taxes ; economies of scale; market equilibrium

Unit – 4

Input-Output Analysis, Liner Programming - Input-Output analysis; the simple closed and open model; linkages, concepts and measurement dynamic Input-Output model; **Linear Programming**-basic concepts, primal and dual, basic theorems of Linear Programming; graphical method.

Unit – 5

Game Theory - Introduction and concepts- simple and mixed strategy; saddle point solution, prisoners dilemma; Pay-off matrix of a game-two person-two commodity and zero-sum game

Outcomes:-

- Students will be able for a better understanding about uses of mathematics in economics.
- Students will be able for a better understanding about new terms of mathematics in advanced economics analysis.

Book References

1. Pant J.C. and Agrawal, Economics – Sahitya Bhawan Publication, Agra.
2. Sinha V.C. and Sinha Pushpa; Economics- Sahitya Bhawan publication, Agra.
3. M.L. Seth Micro Economics and M.L Sinha Micro Economics
4. K.K Dewett, Modern Economic Theory, S. chand & company. Ltd.
5. Maheshwari P.D. and Gupta Sheelchand – Economics; Kailas pustak sadan Bhopal.
6. Bansal and Agrawal, Micro Economics – Sahitya Bhawan Publication, Agra.
7. Ahuja H.L. Modern Economic Theory, S. chand & company. Ltd.
8. Mishra J.P.Mathematical Economics Sahitya Bhawan Publication, Agra.



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Kargi Road, Kota, Bilaspur (C.G.)

SEMESTER- 3rd

Course:- M. A. Economics

SUBJECT:- History of Economic Thought

Subject Code:- 4010313201

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To provide our students with a better understanding about mercantilism and Physiocrats.
- To provide a better understanding our students for various thinkers of world and India.

Unit-1 **Pre-Scientific Economic Ideas** - 1-Mercantilism 2-Physiocrats 3- Classical School-a) Adam Smith b) Malthusian c) Ricardo

Unit-2 **The Classical Tradition-** 1-Sismondi 2-St-Simons 3-FredrickList 4- J.S. Mill

Unit -3 **The Socialists and Miscellaneous Thoughts-** 1- Karl Marx 2- Historical School
3- Mathematical School 4- Austrian School

Unit-4 **Neo Classical Economists, Institutionalism and American Economist-** 1-Marshall 2- J.B.Clark 3- Irving Fisher 4-Mitchell

Unit-5 1- **Welfare Economist and Modern Economist-** a) A.C. Pigou b) John Robinson
2- **Indian Economic Thought-** a) Kautilya b) M.K. Gandhi c) J.K. Mehta

Outcomes:-

- Students will be able for a better understanding about world and Indians thinkers.
- Students will be able to a better understanding of various schools of Economics Thought.

Book References

1. S. Umadevi, Evaluation of Economics Thought and Theory. S. Chand & Company. Ltd.
2. Srivastava S.K., "History of Economic Thought". S. Chand & Company. Ltd.
3. Loknathan v. "A History of Economic Thought". S. Chand & Company. Ltd.
4. Chaturvedi dr. Maheshchandra, chaturvedi dr. Mithileshchandra "History of Economic Thought", Sahitya Bhawan Publication.



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SEMESTER- 3rd

Course:- M. A. Economics

SUBJECT:- Economics of Growth & Development

Subject Code:- 4010313202

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To prepare our students with a better understanding about Growth Models.
- To provide a better understanding of the Growth and Development Economics.

Unit-1	Concept of growth and development- Concept of growth and development, factor affecting, growth and development, Problems of Under developed nations. Theories of growth- The Ricardian ,The Malthusian, The Marxian theory.
Unit-2	Growth Model-I - Schumpeter's Model, Keynesian Model of Employment and Income, Consumption Function, Multiplier, Accelerator and Investment Function. The Harrod- Domar Model. Joan Robinson's model of growth.
Unit-3	Growth Model-II- Theory of balanced growth-Nurkse & Lewis model, Theory of Unlimited Supply of Labour. Theories of Unbalanced growth- Herschman, Big-push theory.
Unit-4	Growth Model-III - Leibenstines Model of critical minimum effort. Myrdal's theory of circular causation. Rostow's stages of economic growth.
Unit- 5	Growth Model-IV - The Mahalanobis Model- Two sector & four sector, Neo classical Model of Meade, Kaldor Model of distribution.

Outcomes:-

- Students will be able for a better understanding about concept of Growth and Development.
- Students will be able for a better understanding about impact of various growth models and its role in developed & developing countries.

Book References

1. Sinha V.C., Economics of growth and development, Sahitya Bhawan Publication, Agra.
2. Mishra J.P., Economics of growth and development- Sahitya Bhawan Publication, Agra.
3. Maheshwari P.D. and Gupta Sheelchand – Economics of growth and development; Kailas pustak sadan Bhopal.
4. Singh S.P., "Economics of growth and development" S. Chand & Company. Ltd.
5. Srivastava Dr.O.S." Economics of growth and development"; Kailas pustak sadan Bhopal.



Dr. C.V. RAMAN UNIVERSITY

Kargi Road, Kota, Bilaspur (C.G.)

SEMESTER- 3rd

Course:- M. A. Economics

SUBJECT:- Industrial Economics

Subject Code:- 4010313203

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To provide our students with a better understanding about Industrial Economics and Organization of firm.
- To provide a better understanding about Industrial combination, Impact of small and cottage Industries in India and working of various Industrial frame Institutions.

Unit— 1 Industrial Economics- Meaning, Rational, pattern and impact of industrialization. Factors favoring and Hampering Rapid Industrial Development of India. New Industrial Policy in India, from 1991 to till dale. Recent trends in Indian Industrial growth.

Unit- 2 Concept and organization of a firm- Business classification of firm on the basis of its activities, Sector, and Ownership. Public, Private, Joint and Cooperative Sectors

Unit- 3 Industrial combination and its impact on efficiency of the firm and economic power. Theories of Industrial location - Weber and Sargent Florence, Factors affecting location, Industrial Sickness.

Unit- 4 Small and Cottage Industries in India- Growth and current problems of selected large scale industries in India Iron & steel, Cotton textiles, Jute, Cement, Sugar and Engineering goods. (Organized, Manufacturing Sector), Development of Small Scale and Cottage Industries in India.

Unit- 5 Industrial finance institutions - Sources of Industrial finance owned capital , borrowed capital, Industrial finance Institutions - IDBI , IFCI, SFC, SIDC, Commercial banks.

Outcomes:-

- Students will be able for a better understanding about Industrial Economics and their emerging issues.
- Students will be able for a better understanding about the role of Small & Cottage Industry and the role of Industrial Finance Institutions.

Book References

1. Agrawal Mayank, Khatri Riya - "Industrial Relationship and labour act" Kailas pustak sadan Bhopal.
2. Khatri Harish Kumar- "IndustrialEconomics" Kailas pustak sadan Bhopal.
3. Sivvaya K.V. & Dass VBM, "Indian Industrial Economics" S. Chand & Company. Ltd.



Dr. C.V. RAMAN UNIVERSITY

Kargi Road, Kota, Bilaspur (C.G.)

SEMESTER- 3rd

Course:- M. A. Economics

SUBJECT:- Labour Economics (Elective Paper - I)

Subject Code:- 4010343201

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To provide our students with a better understanding about Labour Economics and various concepts of wages act.
- To provide our students with a better understanding about Social Security and Industrial Disputes.

Unit - 1 **Labour Economics** - Role of Labour in Economic Development of a Developing Country like India. Characteristics and Growth of Labour market in India.

Unit - 2 **Various Concepts of Wages-** Demand and Supply Theory of Wages.
Various Concepts of Wages : (a) Fair Wages . (b) Living Wages. (c) Minimum Wages. Minimum Wages Act- 1948. Wages- Efficiency of Labour and Productivity in India . Wages Policy Under the Five year Plans. Problem of Bonus in India .

Unit - 3 **Social Security** – Meaning Origin, Growth, Aims and Methods . Different Schemes of Social Security in India . Labour Welfare - Meaning, Aims, Growth, Scope and Classification. Labour Welfare Activities done by different Agencies in India. (a) By Government. (b) By Employers. (c) By Trade Unions .

Unit - 4 **Industrial Disputes** – Meaning Types , Causes Consequence Prevention and Settlement. Labour Participation in Management Industrial Disputes in India – Main Causes and Remedies . Industrial Dispute Act. 1947. Collective Bargaining .Trade Union Definition, Need Growth, Approaches and Functions. Trade Union Movement in India – Growth, Difficulties, Draw backs and Measures to strengthen the Trade union Movement in India .

Unit - 5 **Labour Act and I.L.O.-** Problem of Housing of industrial workers in India. Labour Act- 1948. Child and Women Labour in India . Measures to Prevents Child Labour . India and International Labour Organization.

Outcomes:-

- Students will be able for a better understanding about Labor Economics, wages Act, Social Security and its impact on Economy.
- Students will be able for a better understanding about courses and remedy of Industrial Disputes & ILO and India.

Book References

1. Jain S.C. and Agrawal- “labour Economics” Kailas pustak sadan Bhopal.
2. Chandra Ravi, - “Labour Economics” Sumit Enterprises. New Delhi.



Dr. C.V. RAMAN UNIVERSITY

Kargi Road, Kota, Bilaspur (C.G.)

SEMESTER- 3rd

Course:- M. A. Economics

SUBJECT:- Economics of social sector & environment (Elective Paper – I)

Subject Code:- 4010343202

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To provide a better understanding our students to correlate Welfare Economics and Social Sector.
- To prepare our students for understanding health economics and education economics.

- Unit – 1** **Society And Economic Development: Some Hard Facts** - Inequality and development – concepts and measurement, inequality and poverty, natural resources and development
- Unit – 2** **Society Beyond Market-** Market failure and its sources, Government regulation in the economy, Institutional economics
- Unit – 3** **Sustainable Development And Environment** - Green accounting, valuation of environment, Theory of environmental policy
- Unit – 4** **Natural And Common Property Resources** - Natural resource management, Common property resource management, Environmental and natural resource problems in india.
- Unit – 5** **Economics Of Education And Health** - Education and economic development, Demand and supply considerations of education, Educational planning and Economic growth, Educational financing, Health dimensions of development, Determination of health status, Economic dimensions of financing of healthcare.

Outcomes:-

- Students will be able for a better understanding about Welfare Economics and Social Sector.
- Students will be able for a better understanding about health economics and education economics environmental economics.

Book References

1. Hanley, N., F. Shogern and B. white (1997), Environmental Economics in Theory and Practice, Macmillan.
2. Chary, S.N. and Vyasulu, Vinod (2000), Environmental management an Indian Perspective, Macmillan New Delhi.
3. Schultz, T.W. (1971) Investment in Humane Capital, Free Press, New York.
4. World Bank, (1993) The world Development Report, 1993; Investing In Health, Oxford University Press, New York.
5. **Education and Economic Growth, Robert J. Barro, pdf from internet.**



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Kargi Road, Kota, Bilaspur (C.G.)

SEMESTER- 3rd

Course:- M. A. Economics

SUBJECT:- Political Economy (Elective Paper – II)

Subject Code:- 4010343203

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To provide a better understanding our students Political Economics.
- To prepare our students for understanding Globalization, changing role of finance and the social dimension.

Unit – 1 **Introduction And Historical Overview** - Political Economy with a historical overview . Capitalist development in the pre-second world war period, the Golden age later.

Unit – 2 **Changing Dynamics Of Capitalist Production, Organizational Form And Labour Process** - Fordist and post Fordist production, changing dynamics of organization of production. Markets and labour process, the changing nature of job security and labour right.

Unit – 3 **The State In The Era Of Globalization, Welfare Development And Autonomy** - Globalization and the limits of the welfare state, development and state autonomy.

Unit – 4 **The Changing Role Of Finance** - The changing role of finance in capital accumulation and corporate structure, finance and globalization financialisation, financial liberalization and financial crisis.

Unit – 5 **The Social Dimension** - Globalization and uneven development – growth, inequality and exclusion. **New Prospective** : Gender In work, accumulation and globalization, issues in environmental and sustainability, alternatives ahead.

Outcomes:-

- Students will be able for a better understanding about political economy.
- Students will be able for a better understanding about Globalization, changing role of finance and the social dimension.

Book References

1. S. Hymer, “The Multinational Corporation and the law of uneven Development.” In H. Radice (ed.) International Firms and Modern Imperialism, Penguin Books, 1975.
2. Ash Amin (ed.) Post-fordism : A reader, Blackwell, 1994.
3. **John bellamy foster, Ecology against Capitalism, Monthly Review Press, 2002.**



Dr. C.V. RAMAN UNIVERSITY

Kargi Road, Kota, Bilaspur (C.G.)

SEMESTER- 3rd

Course:- M. A. Economics

SUBJECT:- Applied Econometrics (Elective Paper – II)

Subject Code:- 4010343204

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To provide a better understanding our students to mathematical economics.
- To prepare our students for understanding various econometrics model.

Unit – 1 **Stages In Empirical Econometric Research** - Stages in empirical econometric research , the matrix approach to linear regression model, review of functional forms and qualitative explanatory variable regression models.

Unit – 2 **Regression Diagnostics** - Detection of, and remedial measures for multicollinearity, Autocorrelation Heteroscedasticity. Misspecification ; functional forms; model selection.

Unit – 3 **Advance Topics In Regression Analysis** - Selected Topics: Dynamic Econometric Models : distributed lag models; autoregressive models instrumental variable estimation; simultaneous equation models.

Unit – 4 **Panel Data Models** - Methods of estimation; fixed effects model. Random effects model.

Unit – 5 **Introduction To Econometric Software Package** - GRETL, E-VIEWS, STATA (any one)

Outcomes:-

- Students will be able for a better understanding about econometrics.
- Students will be able for a better understanding about model of econometrics.

Book References

- 1 D.N. Gujrati, D.C. Porter and Sangeetha Gunasekar, Basic Econometrics, 5th Edition, McGraw Hill, 2012 Indian edition.
- 2 Dimitrios Aserio and Stephen Hall, Applied Econometrics: Modern Approach, Palgrave Macmillan,2007.
- 3 **Damodar Gujrati, Econometrics by example, Palgrave Macmillan, 2011.**



Dr. C.V. RAMAN UNIVERSITY

Kargi Road, Kota, Bilaspur (C.G.)

SEMESTER- 4th

Course:- M. A. Economics

SUBJECT:- Research Methodology

Subject Code:- 4010413201

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To provide our students for successful research work under Economics.
- To provide our students with appropriate research skills to lay the ground work.

Unit- I Research – Meaning, Characteristics, Importance, Types, Steps of Research. - 14
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Unit- II Research Problem- Meaning, Sources, Characteristics, Criteria, Selection, And Formulation of Research Problem. - 14
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Unit- III Hypothesis- Meaning, Characteristics, Types, Importance, Problems in Formulation of Hypothesis.
 Sampling - Meaning, Steps, Types - Probability And Non-probability. - 14
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Unit- IV Tools And Techniques of Data Collection- Observation, Questionnaire, Interview, Schedule, Rating Scale. - 14
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Unit- V Measure of Central Tendencies, and their Uses.
 Measure of Variability and their Uses. t- Test
 Graphical Representation- Histogram, Frequency Polygon, Pie Graph. - 14
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Outcomes:-

Students will be able for a better understanding about research & hypothesis.
 Students will be able for a better understanding about impact of case study, survey analysis, report writing and tools and techniques of data collection.

Book References

Naik P. K. & Dubey P., Research Methodology (A.P.H. Publishing Corporation, 2016).
 Best, J. W. and Kahn Research In Education (9th Ed. Prentice of India, Pvt. Ltd. New Delhi, 1982).
 Koul L, Research Methodology.
 Sharma R. A., Research Methodology.
 Jain Dr. S.C. and Katariya, "Research technique and Statistical technique" Kailas pustak sadan Bhopal.

Tiwari Manoj Kumar, Social Research and Statistics” Kailas pustak sadan Bhopal.
.Khatri Harish Kumar- “Research technique” Kailas pustak sadan Bhopal.
Krishnaswami, O.R., “Methodology of research in Social Sciences.” Himalaya Publishing House pvt. Ltd.
Sadhu and Singh, “Research Methodology in Social Sciences.” Himalaya Publishing House pvt. Ltd.



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Kargi Road, Kota, Bilaspur (C.G.)

SEMESTER- 4th

Course:- M. A. Economics

SUBJECT:- Statistics (Elective Paper – III)

Subject Code:- 4010443201

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To provide a better understanding our students with various statistical tools for research programme.
- To prepare our students for analytical work.

Unit-1 **Central Tendency And Deispersion** - Measures of central tendency- Mean, Median, Mode, Geometric Mean and Harmonic Mean, Measures of Dispersion, Range, Mean Deviation, Standard Deviation. Coefficient of Variation Quartile Deviation, Skewness and Kurtosis.

Unit-2 **Correlation And Regression** - Correlation- Meaning and definition of correlation. Methods of determining correlation. Karl Pearson’s coefficient of correlation, Spearman’s Rank Correlation, Coefficient of correlation by the method of Least squares. Regression Analysis- Meaning of lregression and regression analysis, To find Regression equation through least squares. Interpretation of Correlation and Regression Coefficients. Partial and Multiple correlation Analysis.

Unit-3 **Time Series And Index Numbers** - Time Series Analysis-concepts and components of Time-Series. Mathematical Models for Time-Series. determination of regular, trend and Measurement of Long-Run Trend or Secular trend. Index numbers- concept and importance of Index Numbers. Methods of consumption of Index Numbers. Problems in the construction and limitations of index numbers, test for ideal index number.

Unit-4 **Probability Theory And Probability Distribution - Probability:** Concept and Rules of probability (addition law or theorem and multiplication law or theorem of Probability), Conditional Probability. Permutation and Combination. **Probability distribution-** Binomial, Poisson, and Normal distribution. Standard Normal distribution. Theoretical distribution-: their properties and uses.

Unit-2: **Test Of Significance - Test of significance large samples:** sampling for variables, test of significance for mean, test of significance of the difference between two simple means and standard deviation, Test of hypothesis/significance if attributes, test of significance of the difference between proportion of two samples

Test of significance small samples: need for a separate analysis, test of significance for small samples – student t-distributions, F-distribution, Fisher’s Z-distribution

Outcomes:-

- Students will be able for a better understanding about uses of statistical tools for research programme.
- Students will be able for a better understanding interpretation of data.

Book References

1. Shukla & Sahay, Quantitative Techniques . Sahitya Bhawan Publication, Agra.
2. Shukla S.C. Statistics technique. Sahitya Bhawan Publication, Agra.
3. Gupta R.K. Quantitative Techniques . S. chand & company. Ltd.
4. S.P.Singh Statistics, S. chand & company. Ltd.
5. Jain Dr. S.C. Quantitative Techniques. Kailas pustak sadan Bhopal.



Dr. C.V. RAMAN UNIVERSITY

Kargi Road, Kota, Bilaspur (C.G.)

SEMESTER- 4th

Course:- M. A. Economics

SUBJECT:- India`s Foreign Trade and International Institutions (Elective Paper – III)

Subject Code:- 4010443202

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To provide our students with a better understanding about foreign trade and impact of foreign trade in Economy.
- To provide a better understanding about BOP foreign exchange rate, Exchange control and International Institutions.

Unit-1 Foreign Trade and Economic Development- Meaning and Components of Balance of Payments, Equilibrium and disequilibrium of Balance of Payments. Factors causing disequilibrium balance of payments.

Unit-2 Adjustment mechanisms of Balance-of Payments under Gold Standards, Under flexible exchange rates (Price effect), Under elasticity approach Marshall- Lerner Principle, Under capital movements direct control for adjustment. Foreign Trade Multiplier and determination of Income. Foreign Trade and BOP in India.

Unit-3 Concept of Foreign exchange rate- Determination of Equilibrium, Exchange rate. Theories of exchange rate-Determination the Purchasing Power Parity theory and the Balance of Payment theory. Factor causing changes in Exchange rates. Relatives merits and demerits of fixed and flexible exchange rates, concepts of Spot and forward exchange rates, Convertibility of Currency.

Unit-4 Exchange control- Meaning, features, objectives and methods of exchange control. **Devaluation** -Devaluation of Indian Rupee and its impact on Economy. Free Trade versus Protection.

Unit-5 World Trade Organization -Functions, structure objectives and working of WTO. India and WTO. Trade Blocks- EU, NAFTA, ASEAN. **International Monetary Fund**- Origin, objectives, functions and working of the fund, India & IMF. **World Bank**-Functions, working, India and the World Bank. Recent changes in the direction and composition of trade. Major problems of Indian export sector.

Outcomes:-

- Students will be able for a better understanding why foreign trade is must and determination of foreign Exchange Rate.
- Students will be able for a better understanding about main features of Exchange control, devaluation and working of WTO, IMF,EU,NAFTA & ASEAN.

Book References:

1. Maheshwari P.D. and Gupta Sheelchand – India`s Foreign Trade and International Institutions; Kailas pustak sadan Bhopal.

2. Sharma R.D. "International Economics" Sumit Enterprises. New Delhi.
3. D.M. Mithani, "Money Banking, International Trade and Public Finance". Himalaya Publishing House Pvt. Ltd.



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Kargi Road, Kota, Bilaspur (C.G.)

SEMESTER- 4th

Course:- M. A. Economics

SUBJECT:- Indian Economic Policy (Elective Paper – IV)

Subject Code:- 4010443203

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To provide our students with appropriate analytical skills for planning and sectoral performance.
- To provide a better understanding about planning in India and Indian Economics Policy.

- Unit-1** **Framework of Indian Economy-** Economics Policy: An Introduction, Trend and Structure of National Income, Demographic Features and Indicators of Development, Poverty and inequality: Policy Implications, Employment and Unemployment: Policy Implications.
- Unit-2** **Development Strategies in India- Planning in India:** Objectives, Strategies and Evaluation, Economics Reforms in India, Critique of Economic Reforms.
- Unit-3** **Sectoral Performance-I-** Agricultural Growth, Productivity Trends and Crop Patterns, Issues and Concerns in Indian Agriculture, Industrial Sector in Pre-reform period, Industrial Sector in Post-reform period with Emphasis on Small-Scale Sector
- Unit-4** **Sectoral Performance-II-** Infrastructure, Indian Financial System: Money Market and Monetary Policy, Capital Market in India and Working of SEBI
- Unit-5** **Sectoral Performance-III-** Foreign Trade and Balance of Payment, India and International Institutions, Multinational Corporations and Foreign Capital, Government Finance : Union and States, Fiscal Federalism in India and latest Finance Commission.

Outcomes:-

- Students will be able for a better understanding about various factors of Indian Economics.
- Students will be able for a better understanding about various sectoral performances.

Book References:

1. Maheshwari P.D. and Gupta Sheelchand – Indian Economics Policy; Kailas pustak sadan Bhopal.
2. Ruddratt and Sundaram: Indian Economy, Delhi, S. Chand and Co.
3. Mishra and Puri : Indian economy.
4. Pant J.C. and Agrawal, Economics – Sahitya Bhawan Publication, Agra.
5. Sinha V.C. and Sinha Pushpa; Economics- Sahitya Bhawan publication, Agra.
6. Maheshwari P.D. and Gupta Sheelchand – Economics; Kailas pustak sadan



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SEMESTER- 4th

Course:- M. A. Economics

SUBJECT:- Economics of Health And Education (Elective Paper – IV)

Subject Code:- 4010443204

Theory Max. Marks: 70

Theory Min. Marks: 28

Objective:-

- To provide our students for understanding health economics and education economics.
- To provide a better understanding about Human development & health programs.

Unit-1 **Role Of Health And Education In Human Development** - Importance in poverty alleviation, health and education outcomes and their relationship with macroeconomic performance.

Unit-2 **Microeconomic Foundation Of Health Economics** - Demand for health, uncertainty and health insurance market, alternative insurance mechanisms, market failure and rational for public intervention equity and inequality.

Unit-3 **Evaluation Of Health Programs** - Costing, cost effectiveness and cost benefit analysis, burden of disease. Health Sector in India: Health outcomes, health systems, health financing.

Unit-4 **Education – Investment In Human Capital** - Rate of return to education, private and social quality of education, signaling or human capital theories of discrimination, gender and caste discrimination in India.

Unit-5 **Education Sector In India – An Overview** - Literacy rates, school participation, school quality measures.

Outcomes:-

- Students will be able for a better understanding about education and health sector.
- Students will be able for a better understanding about health programs.

Book References:

1. William, Jack, Principles of Health Economics for Developing Countries, World Bank Institute development studies, 1999.
2. World Development Report, Investing in health, The World Bank 1993.
3. Ronald G. Ehrenberg and Robert S Smith, Modern Labour Economics, Theory and Public Policy, Addison Wesley. 2005.



Dr. C.V. RAMAN UNIVERSITY

Kargi Road, Kota, Bilaspur (C.G.)

SEMESTER- 4th

Course:- M. A. Economics

SUBJECT:- Project Work

Subject Code:- 4010433201

Theory Max. Marks: 70

Theory Min. Marks: 28

Table of Contents – (izk#i)

1. Dissertation Work. y/kq' kks/k izca/k dk;Z

1.1. Introduction. izLrkouk

1.2. Review of Related Literature. iwoZ esa fd;s x;s dk;ksZ dk v/;;u

1.3. Research Methodology. `kks/k fof/k

1.4. Observation And Analysis of Data. fujh{k.k ,oa vkadMksa dk fo'ys"k.k

1.5. Summary, Result and Suggestion. lkjka'k] ifj.kke ,oa lq>ko

1.6. Conclusion. fu"d"kZ

Bibliography – As per style given in Reference section of text of the thesis. lanHkZ lwph

2. Preparation & Presentation of Synopsis.

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3. Exam, Evolution And Viva Voce. ijh{kk] ewY;kadu ,oa lk{kkRdkj