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COURSE STRUCTURE

MASTER OF ARTS

Economics

Under Choice Based Credit System (CBCS)



FACULTY OF ARTS, HUMANITIES & SOCIAL SCIENCES
GOKUL ARTS COLLEGE



University Campus, State Highway-41, Siddhpur - 384151, Dist. Patan, Gujarat, INDIA
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FACULTY OF ARTS, HUMANITIES & SOCIAL SCIENCE

Economics

1st TO 4th SEM

Economics

Sr. No.	Subject Name	Subject Code	Credit	Teaching Scheme Per week			Examination Marks				Total Marks
				Th	Pr	Total	Internal		External		
							Th	Pr	Th	Pr	100
1	Micro Economics-1	FAHM111511	4	4	-	45	30	-	70		100
2	Macro Economics-1	FAHM111512	4	4	-	45	30	-	70		100



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3	Economics of Banking & Financial Services-	FAHM111513	4	4	-	45	30	-	70		100
4	Theory & Practices of Co-Operation-1	FAHM111514	4	4	-	45	30	-	70		100
5	Agriculture Economics	FAHM111515	4	4	-	45	30	-	70		100
6	Micro Economics-2	FAHM121511	4	4	-	45	30	-	70		100
7	Macro Economics-2	FAHM121512	4	4	-	45	30	-	70		100
8	Basic Statistics for Economics	FAHM121513	4	4	-	45	30	-	70		100
9	Economics of Banking & Financial Services-2	FAHM121514	4	4	-	45	30	-	70		100



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10	Theory & Practices of Co-Operation-2	FAHM121515	4	4	-	45	30	-	70		100
11	Public Finance-1	FAHM131511	4	4	-	45	30	-	70		100
12	International Economics-1	FAHM131512	4	4		45	30		70		100
13	Theory & Issues of Growth & Development	FAHM131513	4	4		45	30		70		100
14	Economy of Gujarat	FAHM131514	4	4		45	30		70		100
15	Research Methodology	FAHM131515	4	4		30	30		70		100



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16.	Public Finance-2	FAHM141511	4	4	-	30	30	-	70		100
17.	International Economics-2	FAHM141512	4	4	-	30	30	-	70		100
18.	Planning and Developing policies	FAHM141513	4	4	-	30	30	-	70		100
19.	Major Environment Issues	FAHM141514	4	4	-	30	30	-	70		100
20.	Demography	FAHM141515	4	4	-	30	30	-	70		100

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Course Code : FAHM115401			Programme Name :	M.A. (Economics)
			Semester :	1
Micro Economics ~1 (Compulsory Paper)				
Course type :			Total Credit :	4
Teaching time (hours)		Examination Marking scheme		
Theory (hrs)	Practical (hrs)	Internal (Marks)	External (Marks)	Total (Marks)
45	0	30	70 (Paper of 3 hrs)	100

Unit		Unit -1
1	1.1	Basic Economic Problem -Choice and Scarcity, Basic Assumptions of Economics, Nature and Scope of Economics,
	1.2	Deductive and Inductive Methods of Analysis, General and Partial Equilibrium, Static and Dynamic Equilibrium
2		Unit -2



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	2.1	Approaches of Theory of Demand—Marshallian Utility, Hicksian Indifference Curve, Samuelson's revealed preference Theory, Revision of Demand,
	2.2	Theory by Hicks, Price Effect Analysis, Different approaches of Consumer's Surplus.
3		Unit -3
	3.1	Production Function, Law of Variable Proportions and Returns to Scale, Isoquants,
	3.2	Least cost combination of inputs, various concepts of costs -Social cost, Opportunity
	3.3	cost, Economist's and Accountant's concepts of costs, Short term and Long term cost
	3.4	curves, Economies of Scale--Internal and External Economies & Diseconomies, Extension Path.



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4		Unit -4
	4.1	Analysis of Equilibrium of firm and industry under Perfect competition, Imperfect Competition , Monopolistic competition, Monopoly and Oligopoly. Concepts of Duopoly,
	4.1	Modals of duopoly - Cornet, Bertranel and Edgeworth. Price Discrimination - types, merits & demerits. Basis of the classification of Market Structure - Elasticity, crossed elasticity, Numbers of firms.

Basic Reading.

1. Stonier, A.W. and Haghe, D.C., A Text Book of Economic Theory. ELBS & Longman, London.
2. Ray, N. C., An Introduction to Microeconomics, Mcmillan Co. of India Ltd. Delhi.
3. Prasad, K. N., Lectures in Micro Economic Theory, Himalaya Publishing Co., Mumbai.
4. Samuelson, P. A. and Nordhaus, W.D., Economics, Tata McGraw Hill, New Delhi.
5. Ahuja, H. L., Advance Economic Theory, S.Chand and Co., Delhi.
6. Handerson, J and Quandt R.E. , Micro Economic Theory :A Mathematical Approach,



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McGraw Hill , New Delhi

Gokul Arts College, Sidhpur		
Unit		Unit -1
1	1.1	National Income Accounts- Different forms of National Income. Social accounting, input-output accounting
	1.2	flow of funds and balance of payments accounting. Concepts of Micro and Macro Economics
2		Unit -2
	2.1	Classical Approach to Demand for Money- Quantity theory, Fisher's Equation, Cambridge Quantity theory,
	2.2	Keynes' speculative demand for money- aggregate for Money : Derivation of L.M. Curve.
3		Unit -3



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	3.1	Post Keynesian Approaches to Demand for Money – Patinkin and Real Balance Effect, Approaches of Baumal and Tobin,
	3.2	Friedman and the Modern Quantity Theory, Crisis in Keynesian Economics and the revival of Monetarism. Unit
4		UNIT -4
	4.1	Neo-classical and Keynesian views on Interest. IS-LM Model, Extension Sector Relative effectiveness of monetary and Fiscal policies,
	4.2	Extension of IS-LM Model with Labour market and flexible prices.

Basic Reading

1. Ackley, G. , Macroeconomics : Theory and policy., Macmillan, New York.
2. Branson, W.A. , Macroeconomic Theory and policy, Harper and Row, New Delhi.
3. Hall, R. E. and Taylor, J.B., Macroeconomics, W.W. Norton, New York.
4. Heijdra, B.J. and Frederick, V.P., Foundations of Macroeconomics, Oxford university Press, New Delhi.
5. Romer, D.L., Advanced Macroeconomics, McGraw Hill company

Ltd., New York.

6. Gupta, R.D. , Keynes and Post Keynesian Economics.

Gokul Arts College, Sidhpur		
Course Code : FAHM115403	Programme Name :	M.A. (Economics)
	Semester :	1



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Economics of Banking & Financial Service-1				
Course type :		NIL	Total Credit :	4
Teaching time (hours)		Examination Marking scheme		
Theory (hrs)	Practical (hrs)	Internal (Marks)	External (Marks)	Total (Marks)
45	0	30	70 (Paper of 3 hrs)	100

Unit		Unit -1
1	1.1	Meaning and types of bank, function of commercial bank, function of central bank, objectives of the monetary policy, Recent Change in Banking Sector.
2		Unit -2



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	2.2	Meaning, Function and instrument of the money market, Meaning, function and instruments of capital market, Distinction between money and capital market.
3		Unit -3
	3.1	Meaning of Development Banking, features of Development Bank. Development Banks of India. The Industrial Development Bank of India (IDBI), The Industrial Credit and Investment Corporation of India (ICICI), The Export-Import Bank of India (EXIM), NABARD
4		UNIT -4
	4.1	Meaning of E-Banking, Facts of E-Banking, Function of E-Banking, Model of E- Banking-Meaning of Complete centralized solution and its features, meaning of cluster approach and its features, Meaning of High-tech bank within bank and its features, Advantages and limitation of E- Banking.

Reference List:

1. Mithani D.M., Money, Banking, International Trade and Public Finance, Himalaya Publishing House, New Delhi, 2009.
2. Shrivastava P.K., Banking Theory and Practice, Himalaya Publishing House, New-Delhi, 2009.
3. Ahuja H.L., Macro Economics: Theory and Policy, S.Chand, New Delhi, 2009.
4. RBI Bulletin and various RBI Report.
5. Kapila Raj & Uma Kapila, India's Economy in to the 21st century, Academic



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Gokul Arts College, Sidhpur		
Course Code : FAHM115404	Programme Name :	M.A. (Economics)
	Semester :	1
(Core Compulsory) Theory and Practice of Co-operation (1)		
Course type :	Total Credit :	4



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Teaching time (hours)		Examination Marking scheme		
Theory (hrs)	Practical (hrs)	Internal (Marks)	External (Marks)	Total (Marks)
45	0	30	70 (Paper of 3 hrs)	100

Unit		Unit -1
1	1.1	Growth and Principles of Co-Operation: Origin, Meaning, Scope, Co-Operative Movement in the World,
	1.2	Major Principles of Co-Operation, Revision of Principles of Co-Operation.
2		Unit -2
	2.1	Co-Operative Set up and departmental se up in India, three tier structure – Primary Level, District Level, State Level Federations,



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	2.2	National Co-Operative Federations, Power of registrar of Co-Operative.
3		Unit -3
	3.1	Co-Operative Credit and Banks, Primary Co-Operative credit Societies,
	3.2	District/Central Co-Operative Banks, Urban Co-Operative Banks , Problems faced by
	3.3	Co-Operative Banks – Protection of Deposits – Support and Control by Reserve Bank of India.
4		Unit -4
	4.1	Co-Operative milk Societies:- Primary milk Co-Operative Societies objectives, Functions and- Management; Working Establishment of AMUL and AMUL Pattern of Co-Operative dairies – District Co-Operative Milk Union – Extension Services,



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	4.1	State Co-Operative Milk Marketing Federation: Objectives and activities, Role of NDDDB – National Dairy Development Board and National Co-Operative Dairy Federation of India in Dairy development.
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Basic Reading:

1. Ahmed Rais, Co-Operative and Integrated Rural Development, Mittal Publication, New Delhi.
2. Anand, Jaya S, Co-Operatives and Agricultural & Rural Development Bank, Atlantic Publishers and distributors, New Delhi.
3. Bedi, R.D. ; Theory, History and Practice of Co-Operation, R.Lal and Co., Meerut.
4. Dwivedi R.C. , Glimpses of Co-operative thought vol. 1-8., The Co-operative Times, New Delhi.
5. Hajela, T.N. ; Principles, Problems and Practice of Co-Operation, Shivalal Agrawal & Co., New Delhi.



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Gokul Arts College,Sidhpur				
Course Code : FAHM115405			Programme Name :	M.A. (Economics)
			Semester :	1
Agricultural Economics—1				
Course type :		NIL	Total Credit :	4
Teaching time (hours)		Examination Marking scheme		
Theory (hrs)	Practical (hrs)	Internal (Marks)	External (Marks)	Total (Marks)
45	0	30	70 (Paper of 3 hrs)	100

Unit	Unit -1
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	1.2	Agricultural and Economic Development :- Nature and scope of Agricultural and Rural Economics, Traditional agriculture and its Modernization Role of agriculture in economic development, Interdependence between agricultural and Industry, Role of agricultural in Economic development.
2		Unit -2
	2.1	Land use Policy and Social Infrastructure:- Land Use Policy, Land distribution- Problems of small and marginal farmers.
	2.2	Rural Social infrastructure –Land, water, Energy, education and health.
3		Unit -3
	3.1	Agricultural Production and Productivity:- Concept of Production Function – Law of diminishing return and its importance in Decision Making,
	3.2	cobweb theorem –prices and output relationship –Long term trends in production and productivity , Causes of Low productivity.
4		UNIT -4



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4.1	Agricultural Growth in India:- Agricultural policy in India, New strategy of Agricultural Development- Green revolution
4.2	Application of new technologies –Hvv Chemical fertilizer. Irrigation PPM And far mechanization Labour absorption –Sustainable agriculture and future challenges.

Basic Reading List :-

1. Bhaduri, A. (1984), The Economic Structure of Backward Agriculture, Macmillan, Delhi.
2. Blgrami, S.A.R. (1996) ,Agriculture Economics, Himalaya Publishing House, Delhi.
3. DantwalaM,L. et. al. (1991), Indian Agricultural Development since independence, Oxford & IBH, New Delhi.
4. Govt. of India, Economic Survey (annual) , New Delhi.
5. Govt. of India, 1976., Report of the National Commission on Agriculture, New Delhi.
6. Gulati A,& T. Kelly (1999) , Trade, liberalization and Indian Agriculture, Oxford University Press, New Delhi.
7. Joshi P.C. (1975), Land Reforms in India, Trends & Prospects, Allied Publishers, New Delhi.
8. Kahlo A.S. and Tyagi, D.S. (1983), Agricultural Price Policy in India, Allied Publishers, New Delhi.
9. Rao C.H. Hanymantha (1975), Agricultural growth, Rural Poverty and Environmental Degradation in India, Oxford University Press, New Delh



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Course Code : FAHM125401		Programme Name :		M.A. (Economics)
		Semester :		2
Micro Economics -2 (Theories of Distribution And Welfare)				
Course type :		Core Compulsory : CC201	Total Credit :	4
Teaching time (hours)		Examination Marking scheme		
Theory (hrs)	Practical (hrs)	Internal (Marks)	External (Marks)	Total (Marks)
45	0	30	70 (Paper of 3 hrs)	100

Unit		Unit -1
	1.1	Marginal Productivity theory of factor pricing, Exploitation of labour, Euler's theorem.



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1	1.2	Labour's share- Minimum wages, collective Bargaining power & wages rise.
2		Unit -2
	2.1	Macro Theories of distribution: Classical theories of distribution-
	2.2	David Ricardo and Karl Mark, Neo classical theories of distribution Kalecki & Kaldor.
3		Unit -3
	3.1	Concept of Economic Welfare, Benthamian notion of economics welfare, Piguvian Welfare economics,
	3.2	Paroto's concept of optimal welfare, Bergson's concept of social welfare function & its applicability.
4		Unit -4



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4.1	Hicks Kaldor Compensation Criterion, Inability to obtain optimum welfare-Imperfection market failure, decreasing costs, uncertainty and non existent and incomplete markets,
4.2	Theory of second Best Arrow's impossibility theorem, Rawl's theory of justice, equity efficiency trade off.

Basic reading

- 1) Ahuja, H.L., Advance Economic Theory, S. Chand and Co., Delhi.
- 2) American Economic Association (1969), Reading in Welfare Economics.
- 3) American Economic Association (1950), Reading in The Theory of Income Distribution.
- 4) Archibald, G.O., Theory of Firm., Penguin, Books.
- 5) Boumal, W. J., Economic Theory and Operating Analysis, Printice Hall, Delhi. India.
- 6) Da Costa G. C., Production Price And Distribution, Tata Mcgrow Hill, Delhi.
- 7) Kreps, David M., A Course in Microeconomic Theory, Princeton University Press, Princeton.

Gokul Arts College, Siddhpur

Course Code : FAHM125402

Programme Name : M.A. (Economics)



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Semester : 1		
Macro-Economics(2)		
Unit		Unit -1
1	1.1	Consumption Function-Keynes psychological law of consumption. It is Implications, short run and long run consumption function. Empirical Evidence
	1.2	. Income—Consumption relationship. Absolute income, relative Income, Life cycle and permanent income hypothesis.
2		Unit -2
	2.1	Marginal Efficiency of capital and investment. The accelerator and investment behaviour. Multiplier,
	2.2	Keynesian general Equilibrium, concept of effective demand.
3		Unit -3
	3.1	supply of Money: A behaviour model of money supply, A demand determined money supply process., RBI approach to money supply,



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	3.2	High powered money And money multiplied, money supply and open economy,. The control of Money supply -rule versus discretion.
4		UNIT -4
	4.1	The Financial Intermediation-A mechanistic model of bank deposit, determination approach of model on open economy,
	4.2	Asset markets: Meaning, Types and features, Theory of rational expectations, Monetary approach of Balance of payments.

Basic Reading

1. Ackley, g, Macroeconomics: Theory and Policy. Macmilan, New York.
2. Backhouse. R and Slansi, a (Eds.) (2000), macroeconomics and real World.(2000) Oxford University Press. London.
3. Eranson. W.A, Macroeconomics: Theory and Policy, Harper and row, New-Delhi.

4. Bornbuch. R and Stanley. F., Macroeconomics, Mc. Grow Hill, New York.
5. Hall R.E. And Taylor, J.B., Macroeconomics, W.W. Norton, New York.



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Gokul Arts College, Sidhpur				
Course Code : FAHM125403			Programme Name :	M.A. (Economics)
			Semester :	1
Basic Statistics for Economics.				
Course type :		CC203	Total Credit :	4
Teaching time (hours)		Examination Marking scheme		
Theory (hrs)	Practical (hrs)	Internal (Marks)	External (Marks)	Total (Marks)
45	0	30	70 (Paper of 3 hrs)	100

Unit		Unit -1
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1	1.1	Data collection And sampling: Collection of data, primary and secondary sources of data collection, Good questionnaires, population (Census) survey and sample survey, characteristics of a good sample. Difference between population study and sample study, sampling methods, simple random, stratified random, systematic sampling etc.
2		Unit -2
	2.2	Measures of central tendency and dispersion: Mean, Median, Mode, Dispersion, Rang, Deviation, Quartile Deviation, and Standard Deviation.
3		Unit -3
	3.1	Meaning of Correlation, Types of Correlation, Method of studying Correlation, Scatter diagram method, Karl pearson's method, spearman's method of rank Correlation, Probable error. Meaning of Regression, Linear regression model, Equations of lines regression, Calculation of regression coefficients, Correlation and regression
4		UNIT -4



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	4.1	Deterministic and non deterministic experiments, classical and empirical definitions of Probability, Laws of addition and multiplication, conditional probability.
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Basic Reading:

1. Mehta-Madnani, Mathematics for Economics, Sultan Chand & sons, New-Delhi.
2. R.S.Bhardwaj, Business Statistics, 3. , Excel Books, New-Delhi.
- Das M.N. , Statistical Methods and Concepts, New Age International, Delhi.
4. Gupta, S.P., statistical methods., S. Chandel and Co., Delhi.
5. Kalimantan, K.P., Applied Econometrics, Oxford & IBH. , Delhi.
6. Mehta, B.C. and Mehta, A.C. , Fundamental Econometrics, Himalaya Publishing house, Bombay.
7. Simpson, G and Kafka, Fritz., Basic Statistics, Delhi.
8. Srivastava, U.K. et al. , Quantitative Techniques for Managerial Decision, New Age International, Delhi..



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Gokul Arts College,Sidhpur				
Course Code : FAHM125404			Programme Name :	M.A. (Economics)
			Semester :	1
Theory and Practice of Co-operation (1)				
Course type :			Total Credit :	4
Teaching time (hours)		Examination Marking scheme		
Theory (hrs)	Practical (hrs)	Internal (Marks)	External (Marks)	Total (Marks)
45	0	30	70 (Paper of 3 hrs)	100

Unit		Unit -1
	1.1	Growth and Principles of Co-Operation: Origin, Meaning, Scope, Co-Operative Movement in the World,



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1	1.2	Major Principles of Co-Operation, Revision of Principles of Co-Operation.
		Unit -2
2	2.1	Co-Operative Set up and departmental set up in India, three tier structure – Primary Level, District Level, State Level Federations,
	2.2	National Co-Operative Federations, Power of registrar of Co-Operative.
3		Unit -3
	3.1	Co-Operative Credit and Banks, Primary Co-Operative credit Societies,
	3.2	District/Central Co-Operative Banks, Urban Co-Operative Banks , Problems faced by
	3.3	Co-Operative Banks – Protection of Deposits – Support and Control by Reserve Bank of India.
4		Unit -4



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	4.1	Co-Operative milk Societies:- Primary milk Co-Operative Societies objectives, Functions and- Management; Working Establishment of AMUL and AMUL Pattern of Co-Operative dairies – District Co-Operative Milk Union – Extension Services,
	4.1	State Co-Operative Milk Marketing Federation: Objectives and activities, Role of NDDDB – National Dairy Development Board and National Co-Operative Dairy Federation of India in Dairy development.

Basic Reading:

1. Ahmed Rais, Co-Operative and Integrated Rural Development, Mittal Publication, New Delhi.
2. Anand, Jaya S, Co-Operatives and Agricultural & Rural Development Bank, Atlantic Publishers and distributors, New Delhi.
3. Bedi, R.D. ; Theory, History and Practice of Co-Operation, R.Lal and Co., Meerut.
4. Dwivedi R.C. , Glimpses of Co-operative thought vol. 1-8., The Co-operative Times, New Delhi.
5. Hajela, T.N. ; Principles, Problems and Practice of Co-Operation, Shival Agrawal & Co., New Delhi.



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Gokul Arts College,Sidhpur				
Course Code : FAHM115405			Programme Name :	M.A. (Economics)
			Semester :	1
Industrial Economics -1				
Course type :		NIL	Total Credit :	4
Teaching time (hours)		Examination Marking scheme		
Theory (hrs)	Practical (hrs)	Internal (Marks)	External (Marks)	Total (Marks)
45	0	30	70 (Paper of 3 hrs)	100

Unit		Unit -1
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	1.2	Framework and Problems of Industrial Economics. Concept and Organization of a Firm, Control and Objective of the firm. Market Structure. Sellers Concentration, Product differentiation, Economics of Scale, Innovations, Theory of Industrial Location- Weber and Sergeant Florence, Factors affecting Location.
		Unit -2
2	2.1	Industrial Growth and Pattern –Classification of Industries, Industrial Policy – Role of Public and Private Sector, MNCs and transfer of technology,
	2.2	Importance and limitations of MNCs, concept of Make in India and Start up India.
3		Unit -3
	3.1	Industrial Finance- Components of funds, Role, Types of Industrial Finance--- IDBI, IFCI,
	3.2	SFCS, SIDC, ICICI, Commercial Banks.
4		UNIT -4
	4.1	Current Problems of Selected Industries- Iron and Steel, Cotton—Textile, Sugar, Engineering Goods, Chemical and Pharmaceutical Industries,



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	4.2	Development of small Scale and Cottage Industries in India.
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Basic Reading :

1. Aahluwalia, I. J., Industrial Growth in India, Oxford University, New Delhi.
2. Barthwal, R. R., Industrial Economics, Wiley Eastern Ltd., New Delhi.
3. Cherunilam, F., Industrial Economics: Indian Perspective, Himalaya Publishing House, Mumbai.
4. Desai, Industrial Economy in India, Himalaya Publishing House, New Delhi.
6. Gulati A, & T. Kelly (1999), Trade, liberalization and Indian Agriculture, Oxford University

Gokul Arts College, Sidhpur			
Course Code : FAHM145401		Programme Name :	M.A. (Economics)
		Semester :	4
Public Finance-II			
Course type :	Core Compulsory : CC401	Total Credit :	4
Teaching time (hours)	Examination Marking scheme		



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Theory (hrs)	Practical (hrs)	Internal (Marks)	External (Marks)	Total (Marks)
45	0	30	70 (Paper of 3 hrs)	100

Unit		Unit -1
1	1.1	Objectives of fiscal policy, Interdependent of fiscal & monetary policies, Budgetary deficits & its implications, Fiscal policy for stabilization,
	1.2	Alternative measure of resources mobilization & their impact on distribution & prices, Balanced budget multiplier
2		Unit -2
	2.1	Principles of multi-unit finance, Evolution of Fiscal federalism in India, Assignment of function & sources of Revenue, Constitutional provisions,
	2.2	Planning Commission and finance commission, Centre-state financial relations in India, Problems of state resources & indebtedness.
3		Unit -3
	3.1	Structure of Indian tax System, Major taxes in India, GST and its role, Trends in public Expenditure & Public debt.



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	3.2	
4		Unit -4
	4.1	Analysis of central & state govt. Budgets, Fiscal crisis & fiscal sector reforms in India, Reports of the last Finance commission in India

Basic Reading:

1. Musgrave R.A. & P B Musgrave, Public Finance Theory & practice, McGrawHill.
2. J.M Buchahan, The Public Finance .
3. C.S. Shoup, Public Finance, Aldine ,Chicago
4. R Jha , Morden Public Economics ,Rutledge

Gokul Arts College, Sidhpur			
Course Code : FAHM145402		Programme Name :	M.A. (Economics)
		Semester :	4
International Economics – 2			
Course type :	Core Compulsory : CC402	Total Credit :	4



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Teaching time (hours)		Examination Marking scheme
Unit		Unit -1
1	1.1	Balance of Payments: Meaning and Components. -Different Concept of Equilibrium of B.O.P -Factor Causes for Disequilibrium in B.O.P
	1.2	-Equilibrium of B.O.P under Gold Standard -Devaluation and Depreciation -Conditions for Success of Devaluation
2		Unit -2
	2.1	Exchange Rate:– Principles of Exchange Rate Determination (P.P.P. Theory , B.o.p. Theory), Meaning, Merits & Demerits of Fixed and Flexible Exchange Rate ,
	2.2	Controls on Foreign Exchange –Objectives & Methods of Exchange Control.
3		Unit -3
	3.1	International Monetary Fund (IMF) : Objectives, Problems – Crises and Reforms in International Monetary System, Special Drawing Rights



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	3.2	, Evaluation of IMF, The New International Economic order.
4		UNIT -4
	4.1	Foreign Trade Policies in India in Liberalized Economic Scenario, Problems relating foreign Trade in India ,
	4.2	Exchange rate Policy of India., Rupee Convertibility .

Basic Reading: -

1. Prebisch, R., Towards a New Trade Policy for Development, United Nations, New York, 1964.
2. Stern, R.M. , The Balance of Payments: Theory and Economics Policy, Aldine, Chicago ,1973.
3. Thriwal, A.P.; Trade, The Balance of Payments and Exchange Rate Policy in Developing

Countries ,University of Kent, Catebury, UK, 2004.

4. Bagwati, Jagdish. ,The Pure Theory of International Trade, Economic Journal Vol .74, March ,1964.

5. Cherunilam, F. ,International Economics, Tata Mc Grow Hill Publishing Co., New Delhi.

6. Frankel, J and Johnson H. , The Monetary Approach to the Balance of Payments. ,Allen



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Gokul Arts College,Sidhpur				
Course Code : FAHM145403		Programme Name :		M.A. (Economics)
		Semester :		4
Planning and Development Policies				
Course type :		CC403	Total Credit :	4
Teaching time (hours)		Examination Marking scheme		
Theory (hrs)	Practical (hrs)	Internal (Marks)	External (Marks)	Total (Marks)
45	0	30	70 (Paper of 3 hrs)	100

Unit		Unit -1
1	1.1	Meaning of underdevelopment, poverty (.absolute and relative poverty, measurement & causes of poverty), Inequalities of Income (Measurement & causes), Population problem (Causes & Effect) and growth pattern of Population.



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		Unit -2
2	2.2	Market & Market Failure (Reason For market Failure), state & state failure, Role of the state in economic development, Issues of good governance (Idea of effective Government).
3		Unit -3
	3.1	Role of agriculture and industrial in economic development, Inter –Relation between agriculture & industrial development. New technology & sustainable Agriculture.
4		UNIT -4
	4.1	Objective and strategy of Indian Plan, Achievements, failures & lessons of Planning in India. NITI Ayog and its functions.

Basic Readings:

- 1 Adleman , Theory of Economic Growth and Development. Stanford University Press, Stanford.
- 2 Kindle Berger, C.P. Economic Decelopment Mc. Grow.Hill. New york
- 3 Chakrawarti, S. Alternative Approaches to the theory of Economic Growth, Oxford University Press, New Delhi.



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4 Meir, G.M. Leading Issues in Economic Development Oxford University Press New Delhi.
5 Gove.of India-planning commission,various Five years plan document, New delhi.

Gokul Arts College,Sidhpur				
Course Code : FAHM145404			Programme Name :	M.A. (Economics)
			Semester :	4
Major Environmental Issues				
Course type :		CC404 (A)	Total Credit :	4
Teaching time (hours)		Examination Marking scheme		
Theory (hrs)	Practical (hrs)	Internal (Marks)	External (Marks)	Total (Marks)
45	0	30	70 (Paper of 3 hrs)	100

Unit		Unit -1
1	1.1	Environmental Issues of Primary Sector Changing Land use and cropping pattern and environmental issues, the problem of grazing land , pasture and live –stock management
	1.2	The problem of conservation of forests and bio- diversity; supply and quality of groundwater and its management, the conservation and management of marine fish.



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2		Unit -2
	2.1	Industrial Development and Environmental Issues; Change in growth and structure of industries in India
	2.2	growth of pollutant industries and problem of air and water pollution, management of solid and liquid wastes.
3		Unit -3
	3.1	International Environmental Issues ; The problem of trans boundary pollution; global warming and acid rain, globalization, international trade and environmental issues:
	3.2	the problem of trade of hazardous waste, endangered species and medical plants, the problem of patenting, trade and environment in WTO system.
4		Unit -4
	4.1	Environmental Policy in India; Growth of environmental policy in India ; important environmental laws, international environmental agreements and India's approach; mechanism of implementation of environmental laws in India.



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Basic Reading :

- 1) Baumol, W.J. and Oates, 1998, The Theory of Environmental policy, Cambridge University Press, Cambridge.
- 2) Chari, S.N. and vyasalu. Vinod 2000, Environmental management: An Indian

Gokul Arts College,Sidhpur				
Course Code : FAHM145405			Programme Name :	M.A. (Economics)
			Semester :	4
Demography				
Course type :		IDC405(B)	Total Credit :	4
Teaching time (hours)		Examination Marking scheme		
Theory (hrs)	Practical (hrs)	Internal (Marks)	External (Marks)	Total (Marks)
45	0	30	70 (Paper of 3 hrs)	100

Unit	Unit -1
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	1.2	Population and Development: Meaning and scope of demography, Components of population growth and their inter dependence; Measures of population change ; Structure, distribution and Sources of population data, Malthus's theories of population, Optimum theory of Population. Theory of demographic transition- Views of Medows, Enke and Simon; Population and development
		Unit -2
2	2.1	Population trends in the twentieth century, Population explosion –Threatened or real Distant or imminent; international aspects of population growth and distribution, Pattern of age and sex structure in more developed and less developed countries.
	2.2	Determinants of age and sex structure, Demographic effects of sex and age structure, economic and social implications, Age pyramids and projections- individual aging and population aging.
3		Unit -3



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	3.1	Fertility, Nuptiality and Mortality: Importance of study of fertility- Total fertility rate, Gross reproduction rate and net reproduction rate, levels and trends of fertility in more and less developed countries. Factors affecting fertility –Socio- economic factors. Economic status ,Health, Education, Nutrition, Caste religion, race, region, rural-urban and status of husband and wife, Nuptiality- concept and analysis of marital status. Single mean age of marriage. Trends in age of marriage.
	3.2	Mortality, Death rates. Crude and age- specific, Mortality at birth and Infant mortality, factors for decline in mortality in recent phase, life table, construction and uses –concepts of stable population, Methods of population projection.
4		UNIT -4
	4.1	Population Policy in India: Evolution of population policy in India. The shift in policy from population control to family welfare, to women empowerment. Family planning strategies and their outcomes. Reproductive Health, maternal nutrition and child health policies,.
	4.2	Population and strategies for human development of different social groups, social impact of new reproductive technologies and their regulation. The new population policy, Tasks before the National population commission

Basic Reading

1. Bogue, D.J. (1971) , Principles of Demography, John Wiley, New York.



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2. Chenary H, and T.N.Srinivasan (Eds) (1989), Hand Book Of Development Economics, Vol. 1 & 2, Elsevier.
3. Choubey, P.K. (2000), Population Policy in India, Kanishka Publications.
4. Stryock, H. Et, al. (1973), The Methods and Materials of Demography, Us Department of commerce, Washington, D.C.
5. United Nation (1973), The Determinants and consequence of population Trends, Vol. 1 UNO Publications, New York.

Program Outcomes (PO)

A. ECONOMICS

PROGRAMME OUTCOMES (POs)

PO 1

Critical Thinking and Logical Reasoning:- Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.



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P0 2	Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings.
P0 3	Interdisciplinary learning: Realizing that knowledge of subjects in other branches such as humanities, performing arts, social sciences etc. can have greater influence and inspiration.
P0 4	Moral and Ethical Values: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them to imbibe ethical, moral and social values in personal and social life leading to highly cultured, civilized and responsible personality development.
P0 5	Effective Citizenship: Demonstrate empathetic social concern and equity centered national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.
P0 6	Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes



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P0 7	Effective Communication Skill: Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.
P0 8	Environment and Sustainability: Understand the issues of environmental contexts and sustainable development
P0 9	Leadership and Management Skills Employability and Entrepreneurial Skill

PROGRAMME SPECIFIC OUTCOMES (PSOs)



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The Department of Economics, Gokul Global University, Siddhpur offers Four Year (comprising 8 semesters) Undergraduate Programme in Economics with objective of empowering students to acquire all-inclusive understanding of Economics as an academic discipline. Upon completion of B.A. Economics Degree Programme successfully, the students shall acquire the following skills and competencies.

PSO 1	Understand the behavior of Indian and World economy.
PSO 2	Analyze macroeconomic policies including fiscal and monetary policies of India
PSO 3	Determine economic variables including inflation, unemployment, poverty, GDP, Balance of Payments using statistical methods.
PSO 4	Understand the behavior of financial and money markets and perform cost-benefit analysis for making investment decisions
PSO 5	Apply quantitative or logical reasoning/research for problem solving.



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PS0 6

Evaluate national scenario against historical background and contribute towards nation building and social causes.

Program Outcomes (PO) of the Post-Graduate Courses

- **PO1: Critical Thinking and Problem Solving** - Apply the perspective of their chosen specialized area of study to develop fully-reasoned opinions on contemporary issues.
- **PO2: Research Skill** - Ability to interpret and apply research literature to investigate complex problems using research methodologies, techniques and tools.
- **PO3: Lifelong Learning** - An ability to engage in life-long learning to improve professional competency.
- **PO4: Scholarship of knowledge** - An ability to apply advanced knowledge and skills appropriate to the discipline.
- **PO5: Usage of Modern Tools** - An ability to use appropriate techniques, skills, and modern tools necessary for practice in the respective field.



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- **PO6: Teamwork** - Able to determine the effectiveness with which goals are defined and achieved in team environments to assess the contributions made by themselves as well as by their peers within those environments and to identify and resolve conflicts.
- **PO7: Leadership Skills** - Able to document their participation and contribution to GOs, NGOs or consulting projects, internship opportunities or other initiatives.
- **PO8: Environment and Sustainability** - Understand the professional skills in managing societal and environmental issues and demonstrate the knowledge of and need for sustainable development.
- **PO9: Ethics** - Apply ethical principles and commit to professional ethics and responsibilities and norms of practice.
- **PO10: Entrepreneurial Perspective** - Able to identify, assess and shape entrepreneurial opportunities and to evaluate their potential for initiating start-ups.
- **PO11: Global Perspective** - Able to demonstrate their ability to assess and evaluate the dynamic internal and external elements of the competitive global environment.
- **PO12: Independent and Reflective Learning** - An ability to learn more independently by being active and reflecting on their experiences.



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Mapping of PSOs with POs of MA Economics

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PSO1	*		*	*						*	*	
PSO2	*	*	*	*					*	*	*	*
PSO3	*			*						*	*	*
PSO4	*				*						*	*
PSO5	*	*	*	*	*		*	*	*			
PSO6	*		*	*							*	*
PSO7	*	*	*	*	*	*	*				*	*
PSO8	*	*		*	*	*	*	*		*		
PSO9	*	*	*	*	*	*	*		*		*	*



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Course Outcome (CO) for M.A. (Economics) I-sem

Course	Course Outcome	
Micro Economics	CO1	Be able to describe the methods of economic analysis
	CO2	Be able to list characteristics and compare various market forms
	CO3	Be able to respond rationally in the market in real life.
Macro Economics-I	CO1	Be able to explain the concept of monetary policy and list its instruments
	CO2	Be able to calculate national income and describe the working of multiplier
	CO3	Be able to identify the importance of interest rates and will practically apply while investing in time to come
Economics of Banking &	CO1	Be able to explain the concept of Banking policy and list its instruments
	CO2	Be able to relate statistics and mathematics with economics to understand various economics policies



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Financial Service-1	CO3	Be able to use different statistical tools in research work
Theory and Practice of Co-operation	CO1	Be able to relate Cooperation with economics to understand various Cooperation policies
	CO2	Be able to use different Social System tools in research work

Agricultural Economics—1	CO1	Explore the various facets of rural marketing and develop an insight into rural and agricultural marketing regarding different concepts and basic practices in this area
	CO2	Identify the challenges and opportunities in the field of rural and agricultural marketing
	CO3	To acquaint the students with the appropriate concepts and techniques in the area of rural and agricultural marketing –like distribution channels, regulated markets etc



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Mapping of COs with PSOs of MA -1, Economics

Course		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9
Micro Economic s	CO1	*	*			*				
	CO2	*	*			*		*	*	*
	CO3	*				*				
Macro Economic-I	CO1			*		*				
	CO2					*			*	
	CO3			*		*				
Economics of Banking & Financial Service-1	CO1		*	*		*			*	
	CO2		*	*		*				*
	CO3		*	*		*			*	*
Theory and Practice of Co-operation	CO1									*
	CO2									*
	CO3		*	*		*			*	*



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Agricultural Economics-1	CO1				*					*
	CO2									*
	CO3		*	*		*			*	*

Course Outcome (CO) for M.A. (Economics) II-sem

Course	Course Outcome	
Micro Economics -2	CO1	Be able to compare the different market structures and relate them to the real life situations
	CO2	Be able to describe and restate the ideas of various welfare economists
	CO3	Be able to summarize the theories of wages, rent, interest and profit
Macro- Economics (2)	CO1	Be able to critically examine the theories of value of money and business cycles
	CO2	Be able to list the effects of inflation
	CO3	Be able to explain the tools of monetary policy
	CO4	Be able to develop banking habits in real life



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Basic Statistics for Economics.	CO1	Be able to relate statistics and mathematics with economics to understand various economics policies
	CO2	Be able to use different statistical tools in research work
	CO3	Be able to interpret research findings and draw appropriate conclusions
Theory and Practice of Co-operation (1)	CO1	Be able to relate Cooperation with economics to understand various Cooperation policies
	CO2	Be able to use different Social System tools in research work
	CO3	Be able to analyze the theories of international trade
	CO4	Be able to differentiate between tariff and non tariff barriers in international trade

Industrial Economics	CO1	Be able to list the problems of the industries and suggest measures to solve the problems
	CO2	Be able to illustrate the industrial models and learn the application part
	CO3	Develop an understanding about the different types of organizational structures and use the same for business purpose



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	CO4	Be able to differentiate between tariff and non-tariff barriers in international trade
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MA Economics II Semester

Course		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9
Micro Economics -2	CO1			*						
	CO2				*					
	CO3								*	
Macro- Economics (2)	CO1	*	*	*	*	*			*	
	CO2	*	*	*	*	*		*	*	
	CO3	*		*			*	*	*	*
	CO4			*						*
Basic Statistics	CO1								*	*
	CO2								*	



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for Economics	CO3					*				*
Theory and Practice of Co- operation (1)	CO1	*	*	*				*		
	CO2			*				*		*
	CO3				*	*	*	*		
	CO4					*		*		

Industrial Economics	CO1	*	*	*				*		
	CO2			*				*		*
	CO3				*	*	*	*		
	CO4					*		*		



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Course Outcome (CO) for M.A. (Economics) III-sem

Course	Course Outcome	
PUBLIC FINANCE- I	CO1	Be able to describe budget process
	CO2	Be able to list the benefits of foreign direct investment
	CO3	Be able to differentiate between Intra and International trade and state its importance in the economic development of a country
	CO4	To create an understanding of the types of organizational structures
International Economics – 1	CO1	Be able to compare different International trade blocks
	CO2	Be able to describe the concepts of foreign exchange rate, balance of payment and devaluation of currency
	CO3	Be able to analyses the working of International relation
Theory and Issues of Growth and Development	CO1	Be able to critically examine the views of different Growth Model
	CO2	Be able to summarize the ideas of various Indian as well as Development thinkers
	CO3	Develop an understanding about the different types of organizational structures and use the same for business purpose



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Economy of Gujarat	CO1	Be able to identify the problems of the small and large scale Industries in Gujarat
	CO2	Be able to describe the working of different industrial finance Institutions in Gujarat
	CO3	Be able to critically examine and summarize the theories of industrial location in Gujarat
Research Methodology	CO1	Be able to define research methodology
	CO2	Apply data collection methods and sampling methods to research study
	CO3	Develop the skills of using SPSS software for data processing

MA Economics III Semester

Course		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9
PUBLIC FINANC E- I	CO1				*		*			
	CO2				*		*	*		



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International Economics – 1	CO1							*		
	CO2							*		
	CO3							*		
Theory and Issues of Growth and Developm ent	CO1			*					*	
	CO2		*			*			*	
Economy of Gujarat	CO1								*	
	CO2			*					*	
	CO3						*		*	



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Research Methodology	CO1							*		
	CO2							*		
	CO3							*		

Course Outcome (CO) for M.A. (Economics) IV-sem

Course	Course Outcome	
Public Finance-II	CO1	Be able to describe budget process
	CO2	Be able to list the benefits of foreign direct - indirect Tax & investment
	CO3	Be able to differentiate between Intra and International trade and state its importance in the economic development of a country
	CO4	To create an understanding of the types of organizational structures
International Economics – 2	CO1	Be able to compare different International trade Market
	CO2	Be able to describe the concepts of foreign exchange rate, balance of payment and devaluation of currency



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	CO3	Be able to analyses the working of International relation, WTO
Planning and Development Policies	CO1	Be able to summarize the Lewis model
	CO2	Be able to critically examine the Fei Ranis contribution in the agricultural sector
	CO3	Be able to point out the problems and reasons of agricultural backwardness in Madhya Pradesh as well as India as a whole
Major Environmental Issues	CO1	Be able to understand and list the reasons behind chronic underdevelopment in a country like India
	CO2	Be able to distinguish between the terms growth Development & Environment
	CO3	Be able to compare the theories of development and various Polution

Demography	CO1	Be able to analyse and relate the theories of population with the real world
	CO2	Be able to critically examine the Fei Ranis contribution in the agricultural sector



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	CO3	Be able to point out the problems and reasons of agricultural backwardness in Madhya Pradesh as well as India as a whole
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MA Economics IV Semester

Course		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9
Public Finance-II	CO1		*			*			*	*
	CO2					*				
	CO3				*		*			
	CO4				*		*			
International Economics – 2	CO1			*				*		
	CO2				*			*		
	CO3			*				*		
International Economics – 2										
Paper- III Planning and Development Policies	CO1						*			
	CO2						*		*	
	CO3								*	



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Major Environment al Issues	CO1						*			
	CO2					*				
	CO3					*			*	
	CO4					*				*

Demography	CO1						*			
	CO2						*		*	
	CO3								*	



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