

DEPARTMENT OF ECONOMICS
GONDWANA UNIVERSITY, GADCHIROLI



M.A. ECONOMICS Under NEP - 2020

Name of Faculty	HUMANITIES
Department	ECONOMICS
Programme Name	MA in ECONOMICS under NEP - 2020

Composition of Curriculum Draft Committee for Economics

Sr. No.	Name & Organization	Designation
1	Dr. Janardhan M. Kakde Dr. KhatriMahavidyalaya, Tukum, Dist. Chandrapur	Chairperson
2	Dr. P. B. Titare VivekanandMahavidyalaya, Bhadrawati Dist. Chandrapur	Member
3	Dr. Rajendrakumar R. Gawhale G. S. Science Arts, & Commerce College Khamgaon Dist. Buldhana	Member
4	Dr. Rajesh P. Kambale Dr. BabasahebAmbedkar College of Arts, Commerce & Science Bramhapuri Dist. Chandrapur	Member
5	Dr. Sharyu M. Potnurwar Sardar Patel Mahavidyalaya, Chandrapur	Member
6	Dr. Raju L. Ade NevjabaiHitkarniMahavidyalaya, Bramhapuri Dist. Chandrapur	Member
7	Dr. NamdeoUmate Vivekanand College, Bhadrawati Dist. Chandrapur	Member
8	Dr. Nitin B. Kawadkar Chintamani College, Ghugus Dist. Chandrapur	Member
9	Dr. Vitthal N. Thawari Arts, Commerce College, Bhis Dist. Chandrapur	Member
10	Dr. Vishal W. Malekar PrabhakarraoMamulkarMahavidyalaya, KorpanaDist. Chandrapur	Member
11	Dr. Ravi B. Shastrakar Mahatma JyotibaPhule Arts College, AshtiDist. Chandrapur	Member
12	Dr. Sanjay M. Mahajan Shri. GovindraoMunghate Arts & Science College Kurkheda Dist. Gadchiroli	Member

Gondwana University, Gadchiroli.

Faculty Name : Humanities

Name P.G.: M.A. Economics

Two Years Regular Post Graduate Program

SEM - I

Major (Mandatory)	Credit	Elective	Credit	Research Methodology	Credit	Total Credit
MAECO1001 Micro Economic Analysis - I	(4x3) 12	MAECO1004 - Agricultural Economics	4	MAECO1009 Research Methodology	4	20
		MAECO1005 - Statistics for Economics - I				
MAECO1002 Macro Economic Analysis - I		MAECO1006 - Environmental Economics				
		MAECO1007 - Rural Development				
MAECO1003 Public Economics		MAECO1008 - Money and Banking				
		Note:- Student shall select any one from above group				

SEM - II

Major (Mandatory)	Credit	Elective	Credit	On Job Training /Field Project (OJT/FP)	Credit	Total Credit
MAECO2001 Micro Economic Analysis - II	(4x3) 12	MAECO2004 - Labor Economics	4	MAECO2009 OJT Internship, Apprenticesh ip or Field Projects	4	20
		MAECO2005 - Statistics For Economics - II				
MAECO2002 Macro Economic Analysis - II		MAECO2006 - Welfare Economics				
		MAECO2007 - Economics of Marketing				
MAECO2003 Industrial economics		MAECO2008 - Financial Institutions and Markets				
		Note:- Student shall select any one from above group				

M.A. Economics

Semester-I (Major DSC)

Micro Economic Analysis - I

Course Code: MAECO1001

Credit : 4

Unit 1: Introduction and Basic Concepts.

- 1.1 Basic Economic Problem- Choice and Scarcity
- 1.2 Methodology of Economics: Deductive and Inductive, Static and Dynamic
- 1.3 Equilibrium Analysis Concepts and Types of equilibrium & Importance
- 1.4 Functions and Limitations of market mechanism.

Unit 2: Demand Analysis -

- 2.1 Cardinal Utility Approach: Meaning, Characteristics, Kinds of Utility, Law of Equi-marginal utility and significance of equi-marginal utility
- 2.2 Ordinal Utility Approach Indifference curve, Rate of marginal substitution, Properties, Price line, Consumer's equilibrium and changes in income and price
- 2.3 Ordinal Utility Approach Indifference curve, Rate of marginal substitution, Properties, Price line, Consumer's equilibrium and changes in income and price
- 2.4 Substitution Effects Hicksian view point and Slutsky, Giffen Goods, Engel's curve, Derivation of demand curve from indifference curve
- 2.5 Revealed Preference Theory

Unit 3: Consumer Surplus and Elasticity of Demand

- 3.1 Consumer's Surplus: Meaning, Marshallian and Hicksian View Point, Criticism of consumer surplus and significance
- 3.2 Elasticity of Demand Meaning, Price Elasticity of Demand, Measurement of Price Elasticity, Income Elasticity of Demand and Cross Elasticity of Demand and Importance
- 3.3 Demand Theory of Logical Ordering.
- 3.4 Consumer Behavior under conditions of uncertainty

Unit 4: Theory of Production and Costs

- 4.1 Production Function and Law of Variable Proportions,
- 4.2 Iso-quants Properties, Producer's equilibrium
- 4.3 Linear Homogenous Production Function and Cobb-Douglas Production Function
- 4.4 Cost Concepts: Accounting and Economic Cost, Opportunity Cost, Fixed and Variable Cost, Average, Marginal and Total Cost, Short Run and Long Run Cost Curve.

Books Recommended :

1. Ahuja H. L. Advanced Economic Theory: Microeconomics Analysis, 13th Edition, S Chand and Co. Ltd, New Delhi.
2. Bain J. (1958) Barriers to New Competition, Harrard University Press, Harvard.
3. Baumol, W.J. (1982): Economic Theory and Operations Analysis, Prentice Hall of India, New Delhi.
4. Baumol, W.J. (1982), Economics Theory and Operations Analysis, Prentice Hall of India, New Delhi.
5. Chaturvedi, Gupta and Pal (2002) Business Economics: Text and Cases Galgotia Publishing Company, New Delhi.
6. Dewett K. K., Modern Economic Theory, S. Chand & Company Ltd., Revised Edition, 2005.
7. Koutsoyiannis, A. (1979): Modern Microeconomics, 2nd ed., Macmillan Press, London.
8. Kreps, David M (1990): A Course in Microeconomic Theory, Princeton University Press, Princeton.
9. Layard, P.R.G. and A.W. Walters (1978): Microeconomic Theory, McGraw Hill, New York.
10. Sen, A. (1999): Microeconomics: Theory and Applications, Oxford University Press, New Delhi.
11. Stigler, G. (1996): Theory of Price, 4th ed., Prentice Hall of India, New Delhi. 12. Varian, H. (2000): Microeconomic Analysis, W.W. Norton, New York.
12. Dr. J. M. Kakde & S. G. Pachpor (2012): Micro Economics, ShriSainathPrakashan, Nagpur
13. Dr. n. B. Kawadkar: Basic micro Economics RajniPrakashan, Nagpur.

M.A. Economics

Semester-I (Major DSC)

Macro Economic Analysis - I

Course Code: MAECO1002

Credit : 4

Unit 1: National Income and macro economic analysis

- 1.1 Concepts of National Income, Importance and difficulties in measurement of National Income
- 1.2 Circular Flow of Income and National Income Identities
- 1.3 National Income and Economic welfare
- 1.4 National Income Accounting Meaning, Characteristics, Classifications and Importance
- 1.5 Macro Economics Meaning Concepts, Importance and Limitations

Unit 2: Supply of Money meaning & concept & composition of money supply

- 2.1 Composition of money supply and determinants of money
- 2.2 RBI Approach to Money Supply
- 2.3 High Powered Money and Money Multiplier
- 2.4 RBI's money measures
- 2.5 Money supply determination in an open economy, Control of money supply

Unit 3: Demand for Money

- 3.1 Classical Approach to Demand For Money Fisher and Cambridge
- 3.2 Keynesian Approach: Transaction Demand, Precautionary Demand and Speculative Demand for Money
- 3.3 Milton Friedman's Approach Wealth theory
- 3.4 Don Patinkin's Theory of Real Balance effects
- 3.5 Prof. Tobin's Approach of portfolio Balance

Unit 4 : Consumption Function

- 4.1 Consumption Function and Psychological Law of Consumption
- 4.2 Short Run and Long Run Consumption
- 4.3 Factors Determining Consumption Function
- 4.4 Main Theories of Consumption Function The Absolute Income Hypothesis, The Relative Income Hypothesis, The Permanent Income and The Life Cycle Hypothesis

Books Recommended :

- 1 DA.Salansi (Eds.) (2000), Macroeconomics and the Real World (2 Vols), Oxford University Press, London.
2. D'Souza, Errol (2008), Macroeconomics, Pearson Education, Delhi.
3. Gupta R.D.andRana A S. (1998). Post-Keynesian Economics, Kalyani Publishers, Ludhiana
4. Heidra, B.J. and V.P. Fredericck (2001), Foundations of Modern macroeconomics, Oxford University Press, New Delhi.
5. Jha, R (1991): Contemporary Macro Economic theory and Policy, Wiley Eastern Ltd,
6. Jhingan, M.L. (1999): Macro Economics
- 7.Keynes, J.M (1936): General Theory of Employment, Interest and Money
8. Mithani D. M., Money, Banking, International trade and public finance, Himalaya Publications
9. Rakshit, M. (1998), Studies in the Macroeconomics of Developing Countries, Oxford University Press, New Delhi.
10. Reddy Y.V. (2000): A Review of Monetary and Financial Sector Reforms in India, UBSPD, New Delhi.
11. Dr. J. M. Kakde& S. G. Pachpor (2013): Macro Economics, ShriSainathPrakashan, Nagpur
12. Dr. J. M. Kakde , Dr. MedhaKanetkar, S. G. Pachpor (2018): Micro Economics, Shri Sainath Prakashan, Nagpur
- 13.Dr. n. B. Kawadkar: Monetary Economics RajniPrakashan, Nagpur.

M.A. Economics
Semester – I (Major DSC)
Public Economics

Course Code: MAECO1003

Credit - 4

Unit 1- Introduction and Basic Concepts.

- 1.1- Defination, Concept and Scope of Public Economics
- 1.2- The Role and function of the Government in an economy
- 1.3- Public Goods, Private Goods, Merit Goods
- 1.4- The Principle of Maximum Social Advantages
- 1.5- Canons and effects of Public expenditure

Unit 2 - Public Expenditure ,Taxation and Debt

- 2.1- Public Expenditure: Meaning, Classification and Principles
- 2.2-Taxation:Nature, Objectives, Structure and Classification
- 2.3- Benefit and Ability to pay principles of Taxation
- 2.4- GST (Goods and Services Tax): Meaning, Objectives and Effects
- 2.5- India's Public Debt: Meaning, Need, Objective, Reasons for India's Public Debt Growth

Unit 3 - Government Budget and Revenue

- 3.1- Budget – Meaning, Objectives and Kinds of Public Budget
- 3.2- Preparation, Passing of Budget of India
- 3.3- Sources of Revenue of Central Government
- 3.4- Sources of Revenue of State Government
- 3.5- Public Debts: Classification, sources and effects
- 3.6- Revenue Deficit and Fiscal Deficit

Unit 4 - Fiscal Policy and Federal Finance

- 4.1- Fiscal Policy: Meaning, Objectives, Indian Fiscal Policy Since – 1991
- 4.2- Fiscal Policy and economic development
- 4.3- Public debt management: Need, Objectives and Principles
- 4.4 - Fiscal Federalism in India and Finance Commission
- 4.5- Deficit Financing
- 4.6- Division of Functions between Centre and States, Centre-States Conflicts, Fiscal Crises

Books Recommended:-

- 1) Atkinson, A.B. and J.E. Siglitz (1980): Lectures on Public Economics, Tata McGraw Hill, New York.
- 2) Auerbach, A.J. and M. Feldstern (eds.) (1985): Handbook of Public Economics. Vol.1, North Holland, Amsterdam.
- 3) Barman, K. (1986), Public Debt Management in India, Uppal Publishing House, New Delhi.
- 4) Barman, K. (1986), Public Debt Management in India, Uppal Publishing House, New Delhi.
- 5) Bhargava, P.K. (1984): Some Aspects of Indian Public Finances, Uppal Publishing House, New Delhi
- 6) Bhargava, P.K. (1991), India's Fiscal Crisis. Ashish Publishing House, New Delhi.
- 7) Bhatia, H.L. (2000): Public Finance, Vikas Publishing House Pvt. Ltd. Delhi.
- 8) Chelliah, Raja J.(eds.)(1997), Towards Sustainable Growth, Oxford University Press, New Delhi.
- 9) Bhatia R.L.- Public Finance
- 10) Chelliah Raja – Fiscal Policy in Underdeveloped countries
- 11) Dalton H. – Principles of Public Finance
- 12) Hicks Ursula – Development Finance
- 13) Misra B. – Economic of Public Finance
- 14) Saxena and Mathur – Public Finance
- 15) Singh S.K. - Public Finance in Theory and Practice
- 16) Tyagi B.P. - Public Finance
- 17) Government of India, Reports of the Finance Commission
- 18) Dr. J. M. Kakde, S. G. Pachpore: Macro Economics, ShriSainathPrakashan, Nagpur.
- 19) ओझरकर, एस. राजस्व
- 20) देवआणिझामरे- राजस्व
- 21) प्रा. एस.पी.वासेकर, प्रा.जे.एम.काकडे(२००६) भारतीयअर्थव्यवस्था,विकास,वपर्यावरणात्मक अर्थशास्त्र, पायलप्रकाशन, नागपूर
- 22) भोंगौतम, दांगटपाटील(२०१३)सार्वजनिकअर्थशास्त्र, सक्सेसपब्लिकेशन्स, पुणे
- 23) सिन्हावि.सी., आंतराष्ट्रीयअर्थशास्त्राएवंराजस्व , एस.बी.पी.डी. पब्लिकेशन्स, आगरा

M.A. Economics
Semester – I (Major Elective DSE)
Agricultural Economics

Course Code: MAECO1004

Credit - 4

Objectives:

1. To develop an understanding of the manifold obstacles to agricultural & rural development, and the policies adopted to overcome them.
2. To provide an understanding to the students about nature and functioning of agrarian economy of India.
3. To provide knowledge of agricultural and rural finance & credit system, labour market, price and trend in agriculture.

Course Outcomes:

1. Students will be understand relevant issues and policies in Indian agriculture.
2. Students will be understand the issues of development in agriculture and rural sector
3. Students will understand the rural finance and rural credit in India. They can explain the problems and issues of rural financial structure.
4. Provides an understanding of the agricultural price policy, agricultural market and marketing policy in India & the functioning of Public Distribution System and the food security measures adopted in India.

Unit 1: Agricultural and Economic Development:

- 1.1 Agricultural Economics : Nature and Scope
- 1.2 Role of agriculture in economic development and Barriers to Agricultural development in India
- 1.3 Recent Trends in agricultural development in India
- 1.4 Agricultural development : poverty and environment.
- 1.5 Need for Policy Intervention : Productivity, Sustainability and Equity

Unit 2 : Agriculture Productivity and Agriculture Labour :

- 2.1 Agriculture production : Resource use and efficiency
- 2.2 Farm efficiency, risk and uncertainty in agriculture
- 2.3 Structural changes in agriculture in liberalization period- Farm size and agricultural productivity; Mechanization in agriculture;
- 2.4 Agricultural Labour in India – Problems of Agricultural Labour and remedies to problems, Government Policy regarding Agricultural Labour
- 2.5 Labor absorption and gender issues in agriculture.

Unit 3 : Rural finance and Cooperation in India

- 3.1 Role of capital and rural credit
- 3.2 Characteristics and sources of rural credit
- 3.3 Rural credit institutions : Commercial banks, regional rural banks and NABARD
- 3.4 Agricultural cooperatives in India : problems and prospects

Unit 4 :Marketing of agriculture produceand Agricultural prices

- 4.1 Agriculture markets and market efficiency, Characteristics of rural market
- 4.2 Regulated markets and marketable surplus
- 4.3 State policy regarding agricultural marketing
- 4.4 Objectives of agricultural price policy : instruments and evaluation
- 4.5 Food security and public distribution system

Books Recommended :

1. Subba Reddy, P.Raghu Ram, T.V. NeelakantaSastry and I. BhavaniDevi(2008): ‘Agricultural Economics’ Oxford
2. Sadhu, A.N. & A. Singh: Fundamentals of Agricultural Economics, Himalaya publishing House, Bombay.
3. Soni, R.N.: Leading Issues in Agricultural Economics, SobhanlalNagin Chand & Co. Jalandhar
4. Rudra, A. (1982), Indian Agricultural Economics : Myths and Reality, Allied Publishers, New Delhi.
5. Saini, G.R. (1979), Farm Size, Resource Use Efficiency and Income Distribution, AlliedPublishers, New Delhi
6. Kahlon, A.S. and Tyagi D.S. (1983), Agriculture Price Policy in India, Allied Publishers, New Delhi.
7. मिश्रजयप्रकाश, कृषिअर्थशास्त्र, साहित्यभवनपब्लिकेशन, आगरा
8. दत्तरुद्र, सुंदरम, भारतीयअर्थव्यवस्था, एस. चंदएन्डकम्पनी, लि. नईदिल्ली.
9. देसाईवभालेराव, कृषिअर्थशास्त्रआणिभारतातीलशेतीव्यवसाय, निरालीप्रकाशन, पुणे.
10. काविमंडनविजय, कृषिअर्थशास्त्र, श्रीमंगेशप्रकाशन, नागपूर.

M.A. Economics
Semester – I (Major Elective DSE)
Statistics for Economics - I

Course Code: MAECO1005

Credit - 4

Unit 1 : Introduction to Statistics :

- 1.1 Meaning, Nature, Scope & Significance in Economics
- 1.2 Indian Statistics : CSO, NSSO, Recent Population Census, Agricultural and Industrial Statistics
- 1.3 Types of Measures of Central Tendency : Arithmetic Mean, Median, Mode, Harmonic Mean, Geometric Mean, Percentiles and Quartiles
- 1.4 Methods of measuring Dispersion &Skewness

Unit 2 : Correlation & Regression Analysis :

- 2.1 Correlation Analysis : Karl Pearson's Co-efficient of Correlation, Calculation of Correlation for Grouped and Ungrouped Data
- 2.2 Coefficient of Determination, Correlation by Concurrent Deviation methods, Probable Error & Standard Error, Spearman's Rank Difference method of Correlation
- 2.3 Regression Analysis : Meaning, Importance & Use of Regression Analysis, Regression Line & Equations
- 2.4 Calculation of Regression Co-efficients : Direct Method, Deviation Method & Least Squares Method

Unit 3 : Index Numbers :

- 3.1 Index Numbers : Meaning ,Characteristics, Importance and Limitations
- 3.2 Types of Index Numbers : Simple & Weighted
- 3.3 Cost of Living Index Numbers : Meaning, Importance, Type & Computation
- 3.4 Price Index Numbers : Types - Wholesale And Retail Price Index Numbers, Laspeyre's, Paasche's&Bowely's Index Numbers, Fisher's Idle Index Number, Time & Factor Reversal test of Fisher Formula

Unit 4 : Time Series Analysis, Interpolation & Extrapolation :

- 4.1 Time Series Analysis : Meaning, Components & Importance
- 4.2 Components & Measurement of Secular, Regular, Seasonal, Cyclical & Random Fluctuations
- 4.3 Measurement of Long Term Trend : Free Hand Curve, Semi Average, Moving Average & Least Square Methods
- 4.4 Interpolation &Extrapolation : Definition, Importance & Method's

Books Recommended :

1. Goon AM, M.K.Gupta and B.Dasgupta.: Fundamentals of Statistics, Vol.1, The World Press, Ltd,Calcutta.
2. Gupta S.C And Mrs. Indira Gupta: Business Statistics: Himalaya Publishing House; Delhi
3. Gupta, S.C., Fundamentals of Applied Statistics, S. Chand & Sons New Delhi.
4. Gupta, S.P., Introduction to Statistical Methods, S. Chand & Sons New Delhi.
5. King, W.I.: The Elements Of Statistical Methods; The Macmillan Co. New York.
6. Monga, G.S. (1972), Mathematics and statistics for Economics, Vikas Publishing House, New Delhi.
7. Murray R Spigel and Larry J. Stephens : Statistics, MaGraw Hill International, Ed.
8. Nagar, A. L.and R. K. Das: Basic Statistics Oxford University Press, New Delhi.
9. Speigal, M.R., Theory and Problems of Statistics, Mcgraw hill Book Co., London.
10. Veerachamy R.: Quantitative Methods for Economists, New Age International. Ed.
11. WeginwarSapana:Statistics for Economics, RajniPrakashan, Nagpur

M.A. Economics

Semester-I (Elective)

Environmental Economics

Course Code: MAECO1006

Credit : 4

Unit 1: Elements of Environmental Economics

- 1.1 Meaning, Nature and Scope of Environmental Economics;
- 1.2 Economic Development and the Environment, Elements of Ecology;
- 1.3 Interaction Between Ecological and Economic Systems;
- 1.4 Environment- Development-Poverty Nexus; Sustainable Development-Concept and Operationalisation

Unit 2: Economics of Natural Resource Management and Sustainable Development.

- 2.1 Concept of Sustainable, Rules of Sustainable Development- Indicators of sustainable development,
- 2.2 Mechanism for environment regulation in India; Environmental laws and their implementation- Policy instruments for controlling water and air pollution-Forestry policy;
- 2.3 Economics of Renewable Resources; Resource Scarcity as Limits to Growth;
- 2.4 Pricing of Resources; Energy and Economic Development.

Unit 3: Environmental Problems of Agricultural and Industrial Development:

- 3.1 Environmental Problems of Industrial development: Water Pollution, Air Pollution, Noise Pollution,
- 3.2 Special Economic Zones and the environment,
- 3.3 Environmental Problems of Agricultural development- Salinity, water logging, desertification of land, Excess use of water, fertilizers and pesticides,
- 3.4 farm implements cropping Pattern, Causes, impact and importance of social forestry.

Unit 4: Environmental Problems and Environmental Policy in India:

- 4.1 Rural and Urban environmental problems- Population and the Environment
- 4.2 Housing and Slums and the environment, Rural Sanitation Scheme, Poverty and the Environment.
- 4.3 WTO and environment, issues of Climate Change, Environmental Policy in India Environment protection laws in India,
- 4.4 Central pollution Control Board, state and Local Bodies and Environment protection.

Books Recommended:

- 1 Ali, S. A. (1979), Resources for Future Economic Growth, Vikas Publishing House, New Delhi.
- 2 Baumol, W.J.and W.E. Oates (1988), The Theory of Environmental Policy (2nd edition), Cambridge University Press, Cambridge.
- 3 Bhattacharya, R.N. (Ed) (2001), Environmental Economics; An Indian Perspective, Oxford University Press, New Delhi.
4. Chopra, K. (1998), Valuation of Bio-diversity within Protected Areas: Alternative Approach and a case study, Institute of Economics Growth, Delhi.
- 5 Chopra, K., KadekodiG.K.and M.N. Murthy : The Management of Common Property Resources, SAGE, New Delhi.

M.A. Economics
Semester-I (Elective)
Rural Development

Course Code: MAECO1007

Credit : 4

Unit 1: Nature and Scope of Rural Development

- 1.1 Need for Rural Development; Concept, Objectives and Indicators of Rural Development;
- 1.2 Importance and objective of Rural Development, Role of NGO.
- 1.3 Rural Economy of India: size and structure of Rural Economy
- 1.4 Role of Agricultural and Allied Sector

Unit 2: Poverty and Unemployment in Rural India

- 2.1 Rural Poverty- Concept, Measurement, Extent,
- 2.2 Regional Pattern and Causes of Poverty;
- 2.3 Rural Unemployment- Concept, Measurement and Types of Unemployment;
- 2.4 Extent, Regional Pattern and Causes of Unemployment;
- 2.5 Review of Poverty Alleviation and Employment Generation Programmes in India.

Unit 3: Diversification of Rural Economy

- 3.1 Growth of Agriculture and Rural Development in India;
- 3.2 Diversification of Agriculture-Dairy Farming, Fishery, and Farm Forestry;
- 3.3 Rural Non Agricultural Employment in India-Importance, Growth, Regional Pattern and Determinants;
- 3.4 Rural Industrialisation - Importance, Programmes,
- 3.5 Progress and Problems of Small- Scale and Cottage Industries and Remedial Measures.

Unit 4: Financing Rural Development

- 4.1 Rural Financial structure - Rural money markets —
- 4.2 Role of Co-operatives - Commercial Banks and RRBs - Rural Indebtedness —
- 4.3 Financial Sector Reforms - Role of Rural Marketing -irrigation in Rural Development.
- 4.4 Foreign Sources of Funds -The Role of Foreign Investment —
- 4.5 Working of RRBs and its role in Rural Development.

Books Recommended :

1. AftabUddin Ahmed and KanakkantiBagchi - Adoption of New Technology Development (Abhijeet Publications, New Delhi)
2. Bhalla G. S. (1994) Economic Liberalization and Indian Agriculture (Ed) Institute for Studies in Industrial Development, New Delhi.
3. Datt, Sundaram - Indian Economy, S.Chand and Company, New Delhi
4. Desai, Vasant Study of Rural Economics, Himalaya Publishing Company, New Delhi.
5. Gagam Kumar Singh - Administration for Rural Development Programmes in India , (Abhijeet Publications, New Delhi)

M.A. Economics
Semester-I (Elective)
Money and Banking

Course Code: MAECO1008

Credit : 4

Unit 1: Nature of Financial System:

Money and Finance-Money and near money-Financial Intermediation and financial intermediaries - The structure of the financial systems-Role and Functions of the financial sector.Financial System and Economic Develop

Unit 2: Financial markets and institutions:

Structure of financial markets, Role and structure of Money market and capital market, definition and types of non-bank financial institutions: Their growth and impact on India's economic development. SEBI and Its impact on the working of capital market in India; IRDA and its role in financial markets.

Unit 3: Banking in India :

Commercial banks- functions and importance of commercial banks, Credit Creation by commercial banks, challenges for Indian banking system. Development banks- Role and functions. The Reserve Bank of India-Functions and Instruments of credit control.

Unit 4: Structure of Interest Rates and Monetary policy:

Theories of Interest rate determination. Spread between lending and deposit rates Administered interest rates-Appropriate interest rate policy. Monetary Policy: The Aims and Objectives of the Monetary Policy in developed; and developing countries -Effectiveness of monetary policy.

Books Recommended:

1. Bhole, L.M. (1999), Financial Institutions and Markets; Tata McGraw Hill Company Ltd., New Delhi.
2. Bhole, L.M. (2000), Indian Financial Systems, Chugh Publications, Allahabad. Edminister,
3. R.O. (1986), Financial Institutions, Markets and Managements, McGraw Hill, New York. Khan, M.Y. (1996), Indian financial System, Tata McGraw Hill, New Delhi.
4. MachiRaju, M.R. (1999), Indian Financial Systems, Vikas Publishing, New Delhi.
5. Prasad, K.N. (2001), Development & India's Financial Systems, Sarup& Sons, NewDelhi.
6. Avadhani, Study in an Financial System.

M.A. Economics
Semester – I (Minor)
Research Methodology

Course Code: MAECO1009

Credit-4

Unit I. Introduction of Research

Meaning and characteristics of Scientific Method. Meaning, Definition and Characteristics of Social Research. Scope of Social Research. Types of Social Research. Basic Assumption of Social research. Research Process or Steps in Social Research. Importance of Social Research.

Unit II. Research Design

Meaning, Definition and Characteristics of Research Design. Basic Factor of Research Design. Objectives of Research Design. Classification of Research design. Steps and Importance of Descriptive Research Design. Difference between Descriptive and Exploratory Research Design. Sampling.

Unit III. Techniques of Data Collection

Meaning and Importance of Data Collection. Types of Data Collection. Importance and Limitations of Personal Documents. Difference Between Primary and Secondary Data. Meaning, Characteristics and Types of Observation. Meaning and Objectives of Interview. Types of Interview. Meaning and Types of Questionnaire. Importance of Questionnaire. Definition of Schedule. Characteristics of Good Schedule.

Unit IV. Data Analysis and Report Writing

Necessary Preparations for Analysis and Interpretation. Process of Analysis and Interpretation. Codification. Tabulation. Rules and Precaution in Preparing Tables. Importance of Statistics in Social Research. Objectives and Content of Report Writing. Characteristics of Good Report Writing. Importance of Report.

Books Recommended :

1. Ghosh, B. N.: Scientific Methods and Social Research, Sterling Publishers Pvt. Ltd, New Delhi, 1982
2. Goode William J. and Hatt, Paul, Methods in Social Research, McGraw Hill, New York.
3. Gopal M. H. : An Introduction to Research Procedure in Social Sciences, Asia Publishing House, Bombay, 1964
4. Gupta S. P. (1988) – Statistical Methods-Sultan Chand & Sons, Delhi.
5. Gupta, S. C. (1993), Fundamentals of Applied Statistics, S. Chand & Sons, Delhi.

M.A. Economics

Semester-II (Major DSC)

Micro Economic Analysis -II

Course Code: MAECO2001

Credit : 4

Unit5: Price and Output Determination –I

- 5.1. Perfect Competition Features, Price determination and Equilibrium of the firm and industry, market price and Normal price
- 5.2 Monopoly: Features, causes of emergency of monopoly, Price determination in Monopoly
- 5.3 Price Discrimination Under Monopoly Types of price discrimination, Determination price and output under Discriminating monopoly, Price determination under Dumpir
- 5.4 Control and Regulation of Monopoly.

Unit 6 : Price and Output Determination-II

- 6.1 Monopolistic Competition Features and Equilibrium of Firm, Determination of Gro Equilibrium
- 6.2 Oligopoly: Concept, Characteristics, Classification, Price and output determination
- 6.3 Duopoly: Meaning, Price and output determination
- 6.4 Game Theory of Oligopoly
- 6.5 Nation of Controlled and Administered Price Concept, Objectives of Administered Price, Form of Administered prices, methods of Determine the administered price

Unit 7: Theory of Distribution

- 7.1 Marginal Productivity Theory A distribution
- 7.2 Modern Theory of Rent. Quasi Rent, Types of Rent
- 7.3 Modern Theory of Wages, Normal and Real Wages
- 7.4 Interest: Net and Gross interest, Modern Theory of interest, causes of Difference of interest
- 7.5 Profit: Meaning, Characteristics and Modern Theory of Profit

Unit 8: Welfare Economics

- 8.1 Pigou's Theory of Welfare Economics.
- 8.2 Pareto's Theory
- 8:3 Bergson-Samulson's social welfare Function
- 8:4 Arrow's Impossibility theorem
- 8.5 Amartya Sen.'s Social Choice Theory.

Books Recommended :

- 1 Ahuja H L., Advanced Economic Theory Microeconomics Analysis, 13th Edition, S. Chand and Co. Ltd, New Delhi
2. Bain J. (1958) Barriers to New Competition, Harrard University Press, Harvard. Baumol, W.J. (1982) Economic Theory and Operations Analysis, Prentice Hall of India, New Delhi. 1 2
- 3 Baumol, W.J. 91982), Economics Theory and Operations Analysis, Prentice Hall of India, New Delhi.
4. Chaturvedi, Gupta and Pal (2002) Business Economics: Text and Cases Galgotia Publishing Company, New Delhi.
- 5.Dewett K. K., Modern Economic Theory, S. Chand & Company Ltd., Revised Edition, 2005.
6. Koutsoyiannis, A. (1979): Modern Microeconomics, 2nd ed., Macmillan Press, London.
7. Kreps, David M (1990): A Course in Microeconomic Theory, Princeton University Press, Princeton.
8. Layard, P.R.G. and A.W. Walters (1978): Microeconomic Theory, McGraw Hill, New York.
- 9.Sen, A. (1999): Microeconomics: Theory and Applications, Oxford University Press, New Delhi.
10. Stigler, G. (1996): Theory of Price, 4th ed., Prentice Hall of India, New Delhi.
11. Varian, H. (2000): Microeconomic Analysis, W.W. Norton, New York.
12. Dr. J. M. Kakde& S. G. Pachpor: Micro Economics, SainathPrakashan, Nagpur.

M.A. Economics

Semester-II (Major DSC)

Macro Economic Analysis -II

Course Code: MAECO2002

Credit : 4

Unit 5: Saving and Investment Function

- 5.1. Different concepts of saving and saving Function
- 5.2 Meaning and determinants of Investment : Marginal efficiency of capital and Investment, Long and Short Run Shifts in Investment Function
- 5.3 Theory of multiplier : Meaning, Working of the multiplier and Income propagation Characteristics, Limitations. Leakages and Significance
- 5.4 Theory of Accelerator, Super Multiplier and Distinguish between accelerator and Multiplier

Unit 6 : Theories of Inflation

- 6.1 Keynesian Theory : Demand pull and Cost-push Inflation
- 6.2 The Philips Curve : The relation between unemployment and Inflation. Short Run and Long Run, Criticism of Philips curve
- 6.3 Stagflation: Meaning, Causes and Control
- 6.4 Friedman's expectation Modal
- 6.5 Tobin's modified Philips Curve
- 6.6 Policies to control Deflation and causes of Deflation

Unit 7: Trade Cycle and Financial Markets

- 7.1 Trade Cycle : Characteristics, Forms. Phases of Trade cycle and Anti Cyclical policy
- 7.2 Theories of Trade cycle :Hawtrey, Hayek, Schumpeter and Wicksell
- 7.3 Indian Money Market : Characteristics, Constituents, defects and suggestion to remove defects
- 7.4 Capital Market in India : Composition of capital Market, Development of Indian Capital Market, Recent Trends in Indian Capital Market

Unit 8: Indian Banking and Macro Economic Theories

- 8.1 Reserve Bank of India: Organization, Management and main function.
- 8.2 Reserve Bank and monetary control
- 8.3 Commercial Banking in India
- 8.4 Development Banking in India : definition, Structure, Characteristics and significance
- 8.5 The Ricardian Theory or classical theory of Income Distribution and the Marxian Theory of Income Distribution

Books Recommended :

- 1 Blackhouse, R and A.Salansi (Eds.) (2000), Macroeconomics and the Real World (2 Vols), Oxford University Press, London.
2. D'Souza, Errol (2008), Macroeconomics, Pearson Education, Delhi.
3. Gupta R.D.andRana A S. (1998). Post-Keynesian Economics, Kalyani Publishers, Ludhiana
4. Heidra, B.J. and V.P. Fredericck (2001), Foundations of Modern macroeconomics, Oxford University Press, New Delhi.
5. Jha, R (1991): Contemporary Macro Economic theory and Policy, Wiley Eastern Ltd,
6. Jhingan, M.L. (1999): Macro Economics
7. Keynes, J.M (1936): General Theory of Employment, Interest and Money
8. Mithani D. M., Money, Banking, International trade and public finance, Himalaya Publications
9. Rakshit, M. (1998), Studies in the Macroeconomics of Developing Countries, Oxford University Press, New Delhi.
10. Reddy Y.V. (2000): A Review of Monetary and Financial Sector Reforms in India, UBSPD, New Delhi.
11. Dr. J. M. Kakde& S. G. Pachpor (2013): Macro Economics, ShriSainathPrakashan, Nagpur
12. 12. Dr. J. M. Kakde , Dr. MedhaKanetkar, S. G. Pachpor (2018): Macro Economics, Shri Sainath Prakashan, Nagpur
13. Dr. N. B. Kawadkar: Monetary Economics, RajniPrakashan, Nagpur.

M.A. Economics
Semester – II (Major DSC)
INDUSTRIAL ECONOMICS

Course Code:MAECO2003

Credit -4

Course Outcomes: - This paper introduces to students with concept, objective and types of firms. The students will learn how location of Industries and different theories of location and various industrial financial institutes in India, industrial policy, profitability and investment

UNIT - 1 - Introduction and Industrialization

ConceptTypes of Organization Forms - Objectives of Firm - Meaning, Scope, Nature and Significance of the Study of Industrial Economics- Industrial Profile - Small Scale and Village, Medium and Large, Public and Private Sector Industries- Industrial Mergers, Acquisitions and Combinations-Effects of Industrial Monopoly.

UNIT- 2 - Industrial Location and Development

Meaning of Industrial Location - Determinants of Industrial Location- Weber's and Sargent Florence Theory of Industrial Location- Industrialization and Economic Development - Industrialization and Agricultural Development - Dispersal and Decentralisation of Industries - Need and Balance Regional Development of Industries - Role of Industrial Policy for Regional Development.

UNIT - 3 - Profitability and Investment

Meaning and Measurement of Profitability - Market Conditions Favourable for Profitability - Nature and Types, Methods of Evaluating Investment Expenditure - Pay Back Method, Internal Rate of Return (IRR), Net Present Value (NPV) and Cost Benefit Analysis - Disinvestment Policy for Public Sector - Industrial Financial Institutes in India IDBI, IFCI, SIDC, SFCS and Commercial Banks.

UNIT - 4 - Industrial Policy and Labour

Overall Industrial Policy Prior to 1991 - Trade Union Movement in India - Industrial Disputes, Causes and Machinery to Solve Them - Labour Market Reforms - Tools for Improvement of Labour Productivity - Trends and Patterns FDI - Trends in India's industrial Growth after 1991.

BOOKS RECOMMENDED: -

1. Barthwal, R.R: Industrial Economics (Wiley Eastern Ltd, New Delhi, 1985)
2. Cherunilam F. Industrial Economics: Indian Perspective (3rd Edition) (Himalaya Publishing House, Mumbai, 1991)
3. Ahluwalia, I.J: Industrial Growth in India (Oxford University Press, New Delhi, 1985)
4. Desai B: Industrial Economy in India (3rd Edition) (Himalaya Publishing House, Mumbai, 1999)
5. Divine PJ & RM Jones et. Al: An Introduction to Industrial Economics (George Allen and Unwin Ltd, London,1976)
6. जंगलेडॉ. मंगला, औद्योगिकअर्थशास्त्र, प्रशांतपब्लिकेशन्स, जळगाव

M.A. Economics
Semester - II (Major Elective DSE)
Labor Economics

Course Code: MAECO2004

Credit - 4

Course Objective:

- To provide students with a thorough understanding of labour markets and labour economics, including the theoretical models and empirical evidence.
- To help students develop analytical skill to analyse labour market data, policy and reforms.
- To prepare students for a career in labour market analysis and policy making including government agencies, non- governmental organizations and international organizations.

Course Outcome: upon completion of this course, students will be able to :

- Understand the importance and role of labour markets in the economy,
- Analyse the determinates of labour supply and demand,
- Use theoretical models to explain the behaviour of firms and workers in labour markets, wage determination, discrimination
- Analyse the effects of government policies on labour market
- Critically evaluate empirical evidence on labour market outcomes and the effectiveness of labour market policies.
- Understand the challenges and emerging trends in labour markets including globalization technological change.
- Develop critical thinking and communication skills through class discussions presentations and written assignments.

Unit 1 - Introduction to labour Economics and labour Market

1. The scope and importance of labour economics
2. Characteristics of work force of India,
3. Nature and characteristic of labour markets in developing countries like India.
4. The effect of structural changes in the economy on labour markets.
5. The effects on globalization on labour markets.

Unit 2 - Demand and Supply Labour

1. Determinates of labour supply, including education, training and experience.
2. Supply of labour and growth of labour force. Male, female and child work participation in India,
3. Investment, technology and productivity and demand for labour,

4. Mobility of labour, concept of freelance work/Gig economy, Human capital
5. Labour market discrimination and its effects

Unit 3 - Employment and Wage Determination

1. Unemployment: concept, types and measurement.
2. Employment and development relationship, poverty and unemployment in developing countries like India.
3. Wage Determination theory :Classical&Neo classical theory,collective bargaining theory
4. Minimum wage, Living wage, fair wage
5. Wage determination and discrimination in rural and urban, organised and unorganised sector, National wage policy in India : objectives and its critical Appraisal

Unit 4 - Industrial relationship and labour market policies

1. Industrial Relations: concept, scope, objective and important
2. Trade Union Movement: critically evaluation, Collective bargaining: concept and importance
3. Industrial Disputes : Concepts, Classification, causes and Impacts.
4. The role of institutions and policies in labour markets, Labour market reforms and their impact on the Indian economy, evaluation of labour market policies
5. International Labour Organization (ILO): structure and functions

Books Recommended:

1. Datt, G. (1996), Bargaining Power Wages and Employment: An Analysis of Agricultural Labour Markets in India, Sage Publications, New Delhi.
2. Datt, Rudra (2005), Economic Reforms and Employment, BRW, New Delhi.
3. Deshpande and J C Jandesara (Ed.), Wage Policy and Wage Determination in India, Bombay University, 1970
4. Deshpande L.K., Brahmananda P.R. and E.A.G Robinson (eds), Employment Policy in a Developing Economy, vol. I & II, Macmillan, London, (1983).
5. Bhagoliwal T.N. (2002), Economics Of Labour And Industrial Relations: SahityaBhavanagra
6. Bhatia, S.K. (2005), Constructive Industrial Relations and Labour Laws, B.R. World of Books, New Delhi.
7. Das N. (1960), Unemployment, Full Employment and India, Asia Publishing House, Bombay.
8. Ghose, Ajit.K. (2003), Jobs and Incomes in Globalizing World, ILO, Geneva.
9. Hajela, P.D. (1998), Labour Restructuring in India: A Critique of the New Economic Policies, Common Wealth Publishers, New Delhi.
10. Kumar Anil, (2005), Labour Welfare and Social Security, BBW, New Delhi.
11. Mamoria, and Gankar(2000): Dynamics Of Industrial Relations : Himalaya Publishing House,24th Ed.

12. Marcus, Powell, (2003), Economic Restructuring and Human Resource Development, Ashgate Publishing, Aldershot
13. Papola, T.S., P.P.Ghosh and A.N.Sharma (Eds) (1993), Labour Employment and Industrial Relations in India, B.R Publishing Corporation., New Delhi.
14. Remon, Gomez (2005), Labour Supply and Incentives of Work in Europe, EE Publishing Limited, U.K.
15. Seth, K.V. and Suresh Chand (2004), The Economics of Labour Market, Ane Books, New Delhi.
16. Uchikawa, Shuji, (2003), Labour Market and Institutions in India, Manohar Pub., New Delhi.
17. VenkataRatnam C.S. (2001), Globalisation and Labour Management Relations; Dynamics of Change, Sage Publications, Response Books, New Delhi.
18. Chaudhuri, Sarbajit and Mukhopadhyay, Ujjaini (2009): Revisiting the Informal Sector: A General Equilibrium Approach, Springer, New York, USA.
19. Basu, Kausik (1997): Analytical Development Economics, Oxford University Press, Delhi.
20. Marjit, S. and Acharyya, R. (2003): International Trade, Wage Inequality and the Developing Economy: A General Equilibrium Approach, Physica-Verlag.

M.A. Economics
Semester – II (Major Elective DSE)
Statistics for economics - II

Course Code: MAECO2005

Credit -4

Unit 1 : Sampling Distribution :

- 1.1 Meaning, Characteristics & Importance of Sampling, Sample and Population (OR Universe),
- 1.2 Methods of Sampling – Random & Non-random, Sampling error type I & type II
- 1.3 Type of Sampling – Purposive, Probability & Mixed Sampling
- 1.4 t-Test, Z-Test & Standard error

Unit 2 : Analysis of Variance & Testing of Hypothesis :

- 2.1 Meaning, Technique & Application of Analysis of Variance
- 2.2 F test : Critical Values & Application of F-distribution
- 2.3 Testing of Hypothesis : Null & Alternative Hypothesis,
- 2.4 One Tailed & Two Tailed Tests, Critical Values (OR Significant Value)

Unit 3 : Association of Attributes & Chi-Square (χ^2) Test :

- 3.1 Qualitative Classification & Notation, Consistence of Data, Determination of Unknown Class Frequencies
- 3.2 Methods of determining Association, Yule's Coefficient of Association
- 3.3 Chi-Square (χ^2) Test : Test of Independence, Degree of Freedom
- 3.4 Test of Goodness of Fit, Test for Independence of Attributes, & Yates Correction for Continuity

Unit 4 : Theory of Probability :

- 4.1 Probability : Meaning & Type of Event
- 4.2 Addition, Multiplication, Bernoulli's & Bayes's Theorem
- 4.3 Joint, Marginal, Conditional & Axiomatic Probability
- 4.4 Mathematical Expectation (OR Expected Value)

Books Recommended :

- 1 Goon AM, M.K.Gupta and B.Dasgupta.: Fundamentals of Statistics, Vol.1, The World Press, Ltd, Calcutta.
- 2 Gupta S.C And Mrs. Indira Gupta: Business Statistics: Himalaya Publishing House; Delhi
- 3 Gupta, S.C., Fundamentals of Applied Statistics, S. Chand & Sons New Delhi.
- 4 Gupta, S.P., Introduction to Statistical Methods.,S.Chand& Sons New Delhi.
- 5 King, W.I.: The Elements Of Statistical Methods; The Macmillan Co. New York.
- 6 Monga, G.S., Mathematics and statistics for Economics, Vikas Publishing House, New Delhi.
- 7 Murray R Spigel and Larry J. Stephens : Statistics, McGraw Hill International, Ed.
- 8 Nagar,A.L.andR.K.Das: Basic Statistics Oxford University Press, New Delhi.
- 9 Speigal, M.R., Theory and Problems of Statistics, McGraw hill Book Co.,London.
- 10 Veerachamy R.: Quantitative Methods for Economists, New Age International. Ed.
- 11 WeginwarSapana: Statistics for Economics, RajniPrakashan, Nagpur.

M.A. Economics
Semester-II (Elective)
Welfare Economics

Course Code: MAECO2006

Credit : 4

Unit 1: Pre-Paretian Welfare Economics

- 1.1 Benthamite approach to aggregate welfare
- 1.2 Optimum resource allocation and welfare maximisation
- 1.3 Marshallian welfare economics
- 1.4 Hicks consumer surplus

Unit 2: Paretian Welfare Economics - I

- 2.1 Pareto optimality
- 2.2 The consumption optimum
- 2.3 Comparable optima vs unique social optima
- 2.4 Compensation criteria: contribution of Barone, Kaldor and Hicks

Unit 3: Paretian Welfare Economics - II

- 3.1 Scitovsky double criteria
- 3.2 Samuelson utility possibility curve
- 3.3 Value judgment and welfare economics
- 3.4 Bergson's social welfare function
- 3.5 Arrow's impossibility curve

Unit 4: Some later developments

- 4.1 Private and social costs
- 4.2 Problems of non market interdependence
- 4.3 Externalities of production and consumption
- 4.4 External economies and diseconomies
- 4.5 Pigovian welfare economics
- 4.6 Dynamic welfare economics

Books Recommended :

1. Arrow K.J., Social Choice and Individual Values, Yale University Press, New haven
2. Baumol W.J., Welfare Economics and the theory of the State, Longmans, London
3. Field man A. M. Welfare Economics and OSCilaChice Theory, MartinusNijhoff Boston
4. Myint H, Theories of Welfare economics, Longman
5. Nicolas B., Economic theory and the A Welfare State, Edward Elgar Publishing, UK
6. Quirk J and Sapasnik, Introduction to General Equilibrium Theory and Welfare Economics, McGraw Hill,
New York

M.A. Economics

Semester-II (Elective)

Economics of Marketing

Course Code: MAECO2007

Credit : 4

Unit 1: Introduction to Marketing:

Meaning of Market and Marketing-Goals or objective of Marketing-Marketing functions. Marketing Management: Meaning, philosophies: production, product, selling and marketing concept.

Marketing planning - Marketing Environment-Market Segmentation

Consumer Behaviour. Types of buying situations, participants factors, buying process.

Unit 2 : Marketing Mix:

Concepts, components: Product mix, price mix, promotion mix and place mix.

Product: Meaning, product planning, product positioning

New product development - product life cycle.

Pricing: pricing objectives- Factors- Methods and procedures.

Unit 3: Advertising and Sales Promotion:

Meaning of promotion mix-Components of promotion mix.

Advertising: Message, advertisement budgeting - sales promotion, Personal selling and publicity.

Purpose and scope of advertisement :Major decision on advertising.

Choice of Media - Advertising Budget, Sales Promotion measures - AIDAS formula

Unit 4: Distribution

Sales Force – Task of Salesman – Size of sales force – Recruiting – Training – Motivation – Evaluation of sales force

Channels of Distribution :Need, Function, Types, Evaluating the channel alternatives Physical Distribution: Objectives, Order Processing, Transport, Storages and Warehousing, Inventory Control.

Marketing Control: Meaning, Types, Steps essentials of effective marketing control

Marketing & Society: Consumer Protection: Needs, Methods of consumer protection consumer protection in india.

Books Recommended:

1. Cravens., Marketing Management (Irvin Publishers, 1988)
2. Joseph P. Guiltiman., Marketing Management (New York: McGraw Hill Co 1997)
3. Malhotra., Marketing Management (Amol Publication 1997)
4. Neelamegam., Marketing Management and the Indian Economy (New Delhi: VikasPublilhers 1970).
5. Philip Kotler,,Marketing Management (New Delhi: Prentice Hall 1988)
6. Philip Kotler:: Principles of Marketing-Prentice of India Private Limited. New Delhi
7. Pillai and Bhagavathi., Marketing Management (New Delhi: Chand & Co 1999)
8. Davar R.S.: Modern Marketing Management - Progressive Corporation, Bombay.

M.A. Economics

Semester-II (Elective)

Financial Institutions and Markets

Course Code: MAECO2008

Credit : 4

Unit 1: Nature of Financial System:

- 1.1 Nature & Role of Financial System - Money and Near money
- 1.2 Structure of Financial System, Financial Intermediation and intermediaries
- 1.3 Functions of a financial Sector, Indicators of financial developments
- 1.4 Equilibrium in financial Markets,

Unit 2: The role of Financial System:

- 2.1 Criteria to evaluate assets, Concepts of Risk and Return,
- 2.2 Types of Risk — default risk, financial risk, liquidity risk, interest rate risk, inflation risk, currency risk, market risk,
- 2.3 Yield on assets — Internal rate of return, Coupon rate, basic yield, current yield, yield to maturity, dividend yield, gross yield and net yield

Unit 3: Banking in India :

- 3.1 Growth and structure of Commercial Banks in India after 1970.
- 3.2 Banking Sector Reforms,
- 3.3 Asset Liability Management of Commercial Banks,
- 3.4 Management of NPAs, Diversification on Commercial Banking,
- 3.5 Profitability and Productivity of Commercial Banks in India,

Unit 4: The Central Bank and Credit Policy:

- 4.1 Function of the Central Bank, Credit Creation and its control
- 4.2 Profitability and efficiency of banks;
- 4.3 Monetary Policy of R.B.I. - Aims, Objectives and Effectiveness.
- 4.4 Financial Reforms since 1991

Books Recommended:

- 1 Bharati Pathak (2009) The Indian Financial System: Pearson Education Publication New Delhi
- 2 Bhattacharaya, B.B., Financial Reforms and Financial Development in India, Institute of Management Technology, New Delhi
- 3 Bhole, L.M. (2008), Financial Institutions and Markets; Tata McGraw Hill Company Ltd New York
- 4 Chandra, P. (1997), Financial Markets, (4th Edition), Tata McGraw Hill, New Delhi.
- 5 Desai Vasant, Money and Central Banking, Himalaya House, Mumbai.
- 6 Edminister, R.O. (1986), Financial Institutions, Markets and Managements, McGraw Hill, New Delhi

Teaching and Learning, Examination Evaluation and Assesmet Scheme of M.A. Economics Programme (NEP - 2020) 2023-24

Ye ar	Lev el	Semester - I				Teaching & Learning Scheme				Examination Evaluation & Assessment Scheme													
I	5.0	Sr No	Major	Course Code	Title of Paper	Teaching Hours per week				Theory					Practical					Total			
						Theory	Practical/ Tutorial	Total	Total Credit	Max Marks		Minimum Passing grade /Letter point			Duration in Hours	Max Marks		Minimum Passing grade /Letter point					
										Theory	Internal	Theory	Internal	Total		Practical	Internal	Practical	Internal		Total		
		1	Mandatory	MAECO1001	Micro Economic Analysis - I	4	-	4	4	80	20	32	8	40								100	
		2	Mandatory	MAECO1002	Macro Economic Analysis - I	4	-	4	4	80	20	32	8	40								100	
		3	Mandatory	MAECO1003	Public Economics	4	-	4	4	80	20	32	8	40								100	
		4	Elective (Any One)	MAECO1004	Agricultural Economics	4	-	4	4	80	20	32	8	40									100
	MAECO1005			Statistics for Economics - I																			
	MAECO1006			Environmental Economics																			
	MAECO1007			Rural Development																			
				MAECO1008	Money and Banking																		
		5	RM	MAECO1009	Research Methodology	4	-	4	4	80	20	32	8	40								100	
					Total	20	0	20	20	400	100											500	

Year	Level	Semester - II				Teaching & Learning Scheme				Examination Evaluation & Assessment Scheme												
		Sr No	Major	Course Code	Title of Paper	Teaching Hours per week				Theory					Practical					Total		
						Theory	Practical/ Tutorial	Total	Total Credit	Max Marks		Minimum Passing grade /Letter point			Duration in Hours	Max Marks		Minimum Passing grade /Letter point				
										Theory	Internal	Theory	Internal	Total		Practical	Internal	Practical	Internal		Total	
I	5.0	1	Mandatory	MAECO2001	Micro Economic Analysis - II	4	-	4	4	80	20	32	8	40							100	
		2	Mandatory	MAECO2002	Macro Economic Analysis - II	4	-	4	4	80	20	32	8	40							100	
		3	Mandatory	MAECO2003	Industrial Economics	4	-	4	4	80	20	32	8	40							100	
		4	Elective (Any One)	MAECO2004	Labour Economics	4	4	4	80	20	32	8	40									100
				MAECO2005	Statistics For Economics - II																	
				MAECO2006	Welfare Economics																	
				MAECO2007	Economics of Marketing																	
				MAECO2008	Financial Institutions and Markets																	
		5	OJT/FP	MAECO2009	On Job Training: Internship/ Apprenticeship or FP: Field projects	0	2*	4	4	0	0					4#	80	20	32	8	40	100
			Total	16	2	20	20	320	80					4	80	20				500		

*Contact Hours (average per week) of the teacher for supervision and guidance in case of Field Project

Student expected to spend (average per week) for Field work (Project)

Structure and Credit Distribution of M.A. Economics Programme (NEP - 2020) 2023-24

Year	Level	Sem I & II	Major		RM	OJT / FP	RP	Cumulative Credit
			Mandatory	Elective (Any one in Sem I and any one in sem II)				
I	5.0	Semester I	MAECO1001 : Micro Economic Analysis - I (4) MAECO1002: Macro Economic Analysis - I (4) MAECO1003: Public Economics (4)	MAECO1004: Agricultural Economics MAECO1005: Statistics for Economics - I MAECO1006: Environmental Economics MAECO1007: Rural Development MAECO1008: Money and Banking	MAECO1009: Research Methodology			20
		Credit	12	4	4	0	0	
		Semester II	MAECO2001 : Micro Economic Analysis - II (4) MAECO2002: Macro Economic Analysis - II (4) MAECO2003: Industrial Economics (4)	MAECO2004: Labour Economics MAECO2005: Statistics for Economics - II MAECO2006: Welfare Economics MAECO2007: Economics of Marketing MAECO2008: Fianancial Institutions and Markets		MAECO2009: On Job Training: Internship/ Apprenticeship or FP: Field projects		20
		Credit	12	4	0	4	0	
TOTAL (Sem I & II)			24	8	4	4	0	40

EXAMINATION PATTERN (UNDER NEP 2020)2023-24

M.A. ECONOMICS

M.A. (Part I) Semester I & II Examination

Time: Three Hours Max Marks: 80

Instructions:-

- i) All questions are compulsory.
- ii) All question carry equal marks
- iii) Draw neat diagrams wherever necessary.
- iv) Give correct question number to the answer.

1. Broad question any one internal choice.	16
Marks each - 16	
2. Broad question any one internal choice.	16
Marks each – 16	
3. Write Any Two questions (Out of 4 ABCD).	8
Marks each - 16	
4. Write Any Two questions (Out of 4 ABCD).	8
Marks each – 16	
5. Write short notes (Four)	4
Each – 16	

Note:-Question pattern from 01 to 05 shall be from any four units. For example, question No. 01 can be from any Module or unit of 01 to 04 from the syllabus. Similarly question No. 02, 03, 04 shall be from any module or unit of 01 to 04 & question no. 05 will be from all module or all unit. 01 to 04.