

No.AC6/56/2024-25

Notification

Sub:- Modification of B.A.Ed. (Economics) Syllabus and Regulations for the Academic year 2024-25.

Ref:- 1. Decision of Board of Studies of Bachelor of Education (UG) meeting held on 18.04.2024.
2. Decision of the Faculty of Education meeting held on 14.06.2024.
3. Decision of the Academic Council meeting held on 28.06.2024.

The Board of Studies in Bachelor of Education (UG) which met on 18.04.2024 has approved the modified B.A.Ed. (Economics) Syllabus and Regulations for the Academic year 2024-25.

The Faculty of Education and Academic Council at their meetings held on 14.06.2024 and 28.06.2024 respectively has also approved the above said modified Syllabus and Regulations hence it is hereby notified.

The Syllabus and scheme of Examinations pattern contents may be downloaded from the University website i.e., www.uni-mysore.ac.in


Registrar
REGISTRAR
University of Mysore
MYSORE

To;

1. The Registrar (Evaluation), University of Mysore, Mysuru.
2. The Regional Institute of Education, Mysuru.
3. The Chairman, BOS/DOS in Physical Education and Sports Sciences, University of Mysore, Mysore.
4. The Dean, Faculty of Education in Physical Education and Sports Sciences, University of Mysore, Mysore.
5. The Director, Distance Education Programme, Moulya Bhavan, Manasagangothri, Mysuru.
6. The Director, PMEB, Manasagangothri, Mysore.
7. Director, College Development Council, Manasagangothri, Mysore.
8. The Deputy Registrar/Assistant Registrar/Superintendent, Administrative Branch and Examination Branch, University of Mysore, Mysuru.
9. The PA to Vice-Chancellor/ Registrar/ Registrar (Evaluation), University of Mysore, Mysuru.
10. Office Copy.

Semester I

CORE COURSE 2A: ECONOMICS

BAE I: 2B Micro Economics

Credits 4 (3L+1T)

Contact Hours per week: 5

Exam duration: 2 Hrs

Max. Marks: 100

C₁ + C₂:50

C₃:50

Objectives:

After completion of the course the student teachers will be able to familiarize:

1. The nature and scope of economics and functions of an economic system.
2. The principles and theorization of factor pricing, product pricing and financial aspects of microeconomics.
3. Market Structure and Factor Pricing and Market Forms
4. Different concepts of Financial Micro Economics.

COURSE CONTENT:

Unit I: Nature and Scope of Micro Economics:

Nature and Scope of Economics: Need for the Study of Economics, Demand and Supply Functions of an Economic System, Decision making and role of Price Mechanism. Elasticity of Demand: Price, Income and Cross Elasticities, The Pragmatic Approach to Demand Analysis, Linear Expenditure Systems. Consumer Behavior Theory: Cardinal, Ordinal Approaches, and the Revealed Preference Hypothesis. Indifference Curves: Price, Income and Substitution Effects, Consumer's Surplus.

Unit II: Theory of Production and Costs:

Production Decisions: Production Function, Isoquants, Factor Substitution, Law of Variable Proportion, Returns to Scale, Economics of Scale. Different Concepts of Cost and their interrelationship: Equilibrium of the Firm, Expansion of Path, Empirical Evidence on Costs Behaviour, Producers equilibrium, Cost function.

Unit III: Market Structure and Market Forms:

Perfect and Imperfect Competition, Monopoly, Measure of monopoly power, Monopolistic Competition, Oligopoly, Monopsony, Duopoly, and Market Structure: Efficiency and Regulation.

Unit IV: Factor Pricing:

Theories of Wage Determination Wages: Wages and Collective Bargaining, Wage Differentials, Rent: Scarcity Rent, Deferential Rent, Quasi Rent. Interest: Determinants of Interest. Profits: Innovation, risk and Uncertainty Theories.

Continuous Assessment:

Assessment will be based on tutorials, (seminars, projects etc.), tests & assignments.

C1-10 (Test) +15 (seminars, projects, assignments etc.) =25

C2-10 (Test) +15 (seminars, projects, assignments etc.) =25

Total =50

Suggested Readings:

1. Bach, G.L. (1977) *Economics*, Prentice hall of India, New Delhi.
2. Gauld, J.P. and Edward P.L. (1966), *Microeconomic Theory*, Richard. Irwin, Homewood.
3. Health field and Wibe (1987), *An Introduction to cost and production Functions*, Macmillan, London
4. Henderson J., and R.E.Quandt (1980), *Microeconomic Theory : A Mathematical Approach*, MCGraw Hill, New Delhi.
5. Koutsoyiannis,A (1990) *Modern Microeconomics*, Macmillan
6. Lipsey, R.G. and K.A.Crystal (1999), *Principles of Economics* (9th Edition), OxfordUniversity press, Oxford.
7. Mansfield, E. (1997), *Microeconomics* (9th Edition), W.W.norton and Company, New York.
8. Ray N.C.(1975) *An Introduction to Microeconomics*, Macmillan Company of India Ltd., Delhi
9. Ryan W.J.L. (1962) *Price Theory*, Macmillan and CO. Limited, London
10. Samuelson, P.A. and W.D. Nordhaus (1998) *Economics*, Tata McGraw Hill, New Delhi
11. Stonier, A.W. and D.G.hague (1972), *A Text book of Economic Theory*, ELBS & Longman Group, London.
12. Varian, H.R. (2000) *Intermediate Microeconomics: A Modern Approach* (5th Edition), East West Press, New Delhi.

SEMESTER II

CORE COURSE 2B: ECONOMICS

BAE II: 2B INDIAN ECONOMY

Credits 4 (3L+1T)

Contact Hours per week: 5

Exam duration: 2 Hrs

Max. Marks: 100

C₁ + C₂:50

C₃ :50

Objectives:

The Course is designed to help the student teacher to understand various aspects relating to India Economy.

- The Course introduces the economic scenario prior to British period and traces the impact of British rule on Indian Economy.
- The Course explains about the planning Process, the economic crisis which lead to the introduction of Economic Reforms and the impact of economic reforms on different sectors.
- At the end of the course the student teachers will have a clear understanding about the status of Indian economy on the eve of Independence and the journey through which the planning process, need for economic reforms, the impact of the reforms on different sectors, the role of the state and the process of privatization.

Transaction Mode:

The course can be taught through class room lectures. Latest data can be accessed through Internet and students can be encouraged to prepare assignments focusing on different sectors. Indian economic scenario can be compared with world economic scenario by accessing data sets published by international agencies like UNDP, World Bank, IMF etc.

COURSE CONTENT:

Unit I: Indian Economy on the Eve of Independence

Indian economy is the Pre-British period: Land System, Exploitations under British Rule: Structures and organization of Villages, Industries and handicrafts, economic causations of British rule. Structures of the Indian Economy and Planning: Demographic features, Occupational distribution, Population policy, Natural resources, Environmental degradation, Infrastructures development. Planning exercises in India: National Planning Committee, Review of Progress under successive plans Objectives, and NITI Ayog.

Unit II: Economic Reforms

Pre-Reform economic crisis: Rational for economic reforms, components of economic reforms: Liberalisation, Privatization and Globalization. Impact of economic reforms on Indian Economy: Structural changes in the economy-relevance of planning under economic reforms, International Trade, Trends and direction of FDI.

Unit III: Social Sector and Human Development in India

Status of education: Health, Education and Housing in India, Progress in health and education: Rural-urban disparities. Trends in Human Development: National Human Development Reports, Inter-State disparities-Policies and Programmes. Types of Poverty: Trends and Estimation, Multidimensional Poverty Index. Unemployment: Nature of unemployment and its estimation.

Unit IV: Industrial and Agriculture Sectors in India

Nature and Importance of Industry: Role of Public sector, the Process of Privatization, Industrial policy. Trends in agricultural production: Green Revolutions, Agriculture under WTO, Changes in Cropping Pattern, Commercialization, Agricultural Policy, NABARD, Exim Policy and FERA to FEMA.

Continuous Assessment:

Assessment will be based on tutorials, (seminars, projects etc.), tests & assignments.

C1-10 (Test) +15 (seminars, projects, assignments etc.) =25

C2-10 (Test) +15 (seminars, projects, assignments etc.) =25

Total =50

Suggested Readings:

1. Agarwal AN (2006), Indian Economy, Problems of Development and Planning, Viswa Prakash, New Delhi.
2. Ahluwalia, I.J. and M.D. (Eds.) (1999) *India's Economic Reforms and Development (Essays in honour of Manmohan Singh)*, oxfordUniversity Press, New Delhi
3. Datt R and K.P.M. Sundharam (2001), *Indian Economy*, S Chand & Company Ltd., New Delhi
4. Datt.R.(Ed) (2001) *Second Generation Economic Reforms in India*, Deep & Deep Publications, New Delhi.
5. Dhingra, I.C. (2001) *The Indian Economy: Environment and Policy*, Sultan Chand & Sons, New Delhi.
6. Dutt, R.C. (1950) *The Economic History of India under Early British Rule*, Low Price Publications, Delhi.
7. Dutta Rudra and Sundaram KPM (2006) *Indian Economy*, S.Chand and Company LTD, New Delhi.
8. Gadgil D.R. (1971) *The industrial Evolution in India in Recent Times, 1860 – 1939*, OxfordUniversity press, Bombay
9. Government of India, *Economic Survey (Annual)*, *Economic Division*, Ministry of finance, New Delhi.
10. Jalan.B.(1992) *The Indian Economy : Problems and Prospects*, Viking, new Delhi
11. Jalan.B.(1996) *India's Economic Policy – Preparing for the Twenty- first Century*, Viking New Delhi
12. Kumar D (Ed) (1982) *The Cambridge Economic History of India*, Volume II 1757 – 1970, Orient Longman Ltd., Hyderabad.
13. MishraSK. And Puri VK (2006) *Indian Economy*, DTS Development Experience, Himalaya Publishing House, New Delhi.
14. Misra, S.K. and V.k.Puri (2001) *Indian Economy- Its Development Experience*, Himilaya Publishing House, Mumbai

15. Naoroji.D. (1962) *Poverty and Un-British Rule in India*, Low price publications Delhi.
16. Parikh, K.S. (1999) *India Development Report 1999-2000* Oxford University Press, New Delhi
17. Planning Commission (1999) *Ninth Five-Year Plan*, Government of India, New Delhi.
18. Singh V.B. (Ed) (1965) *Economic History of India 1857-1956*, Allied Publishers Private Limited, Bombay

SEMESTER III

CORE COURSE 2C: ECONOMICS

BAE III: 2B MACRO ECONOMICS

Credits 4 (3L+1T)

Contact Hours per week: 5

Exam duration: 2 Hrs

Max. Marks: 100

C₁ + C₂:50

C₃:50

Objectives:

The Course is structured to help and equip the student teachers to understand:

- The significance of aggregative analysis in understanding and directing the working of the macro economy.
- The concepts and operationalisation of the concepts in developing macro analytical framework.
- The theoretical models that explain the behavior and determination of equilibrium output, employment and income.

Transaction Mode:

The course has to be taught through class room teaching. Students can be encouraged to gather information on the nature and composition of different economies and their performance. They can also be motivated to take up a few aspects for activity Eg; Measures to control inflation, stimulating consumption on a sustainable basis and so on.

Unit I: An Overview of Macroeconomics

Nature and scope of Macroeconomics: Origin and Growth of Macroeconomics, Importance of Macroeconomics, Indicators of Macroeconomic Activity, and Limitations of Macroeconomics. The Circular Flow Models: Circular Flows in a Two-Sector Model, Three-Sector Model, and Four-Sector Model. Measurement of National Income: Some Concepts Related to National Income, Methods of Measuring National Income, Components of GDP, Real versus Nominal GDP, and GDP Deflator.

Unit II: Classical & Keynesian Theories of Employment

Classical Theory of Employment: Assumptions of the classical theory, A Formal Model of Say's Law. Keynesian Theory of Employment: Principle of Aggregate Demand & Supply, Consumption Function, Investment Function, A Simple Model of Investment Multiplier.

Unit III: Post Keynesian Developments

Monetarism: A Counter Revolution, New Classical Macroeconomics, Supply side Economics, and New Keynesian Macroeconomics: Approaches, Features and Relevance.

Unit IV: Fluctuations in Macroeconomic Activity

Inflation: Meaning & Types, Causes & Effects of Inflation, Inflationary Gap. Deflation: Meaning, Causes & Effects of Deflation, Deflationary Gap. Business Cycles: What is Business Cycle, Phases of Business Cycles, Theories of Business Cycle, and Policy Measures to Control Business Cycle.

Continuous Assessment:

Assessment will be based on tutorials (seminars, projects etc.) tests & assignments.

C1-10 (Test) +15 (seminars, projects, assignments etc.) =25

C2-10 (Test) +15 (seminars, projects, assignments etc.) =25

Total =50

Suggested Readings:

1. Ackley G. (1976) *Macroeconomics: Theory and policy*, Macmillan Publishing Company, New York.
2. Day,A.C.L.(1960) *Outline of Monetary Economics*, OxfordUniversity Press, Oxford
3. Dillard.D.(1960). *The Economics of John Maynard Keynes*, Crossby Lockwod and Sons, London.
4. Gupta, S.B. (1994), *Monetary Economics*,.S. Chand and Co., Delhi
5. Hanson.A.H. (1953) *A Guide to keynes*. McGraw Hill, New York
6. Heijdra, B.J. and F.V. Pleoeg (2001), *Foundations of modern Macroeconomics*, Oxford University Press, Oxford.
7. Higgins.B.(1963) *Economics Development: Principles, problems and Policies*, Central Book Depot, Alahbad.
8. Keynes.J.m. (1936) *The General Theory of Employment, Interest and Money* Macmillan, London.
9. Kindle Berger, C.P.(1958) *Economic Development*, McGraw –Hill Book Company New York.
10. Lewis. M.K.andP.D.Mizan (2000), *Monetary Economics*, OxfordUniversity Press, New Delhi.
11. Lucas.R. (1981) *Studies in Business Cycle Theory*, MIT press, Cambridge, Massachusetts.
12. Mier, G.M. and R.E. Baldwin (1957) *Economic Development: Theory history and Policy*, Wiley & Sons Inc., New York
13. Powlson, J.P.C.(1960), *National Income and Flow of Funds Analysis*, McGraw Hill, New York.
14. Shapiro, E (1996) *Macroeconomics Analysis*, Galgotia publications New Delhi.

SKILL ENHANCEMENT COURSE- SEC 1: ECONOMICS

BAE III. 6C: RESEARCH METHODOLOGY

Credits 3 (2L+1T)

Contact Hours per week: 4

Exam duration: 2 Hrs

Max. Marks: 100

C₁ + C₂:50

C₃:50

Objectives

- ❖ This course is designed to teach students how to collect and analyse data in order to solve real-world problems.
- ❖ To enable the student how to identify research problems, formulate hypotheses, and develop research plans to address the problems.
- ❖ To enable the student to learn how to design research studies, including choosing appropriate research methods, sampling techniques, and data collection tools.
- ❖ This course will cover a wide range of data collection methods, such as surveys, interviews, experiments, observations, and archival research.
- ❖ It will help student to learn how to review and synthesize existing research literature, helping them understand the context of their research and identify gaps in the current knowledge.

Transaction Mode:

Lecture cum discussion, group discussion, panel discussion, seminar group work, library work.

Course Content:

Unit I: Meaning of Research

Meaning of Research, Objectives of Research, Types of Research (Basic & Applied Research), Research Approaches (Experimental, Descriptive, and Historical), Research Areas & Identification: Meaning, Nature, Types and relationship between constructs & variables. What is a Research Problem, Selecting the Problem, Necessity of Defining the Problem, Sources of identification problems.

Unit II: Population and Sampling Design

Meaning & Nature of Population, Census versus Sample Survey, Different Types of Sampling Designs, Steps in Sampling Design, Criteria of Selecting a Sampling Procedure, Selection of Sample Size, Selection and Sampling Bias

Unit III: Methods of Data Collection and Report Writing

Importance of Data Collection Methods, Types of Data Collection Methods (Primary & Secondary Data Collection Methods), Importance of Ensuring Accurate and Appropriate Data Collection, Issues Related to Maintaining the Integrity of Data Collection, Data Collection Tools, Report writing and research ethics.

Unit IV: Hypothesis Testing

Hypothesis: Meaning, Nature & Types, Testing of Hypotheses (Type-I & Type-II Errors), Types of Parametric & Non-Parametric Tests (Z-Test, t-Test, F-Test, ANOVA, and Chi-Square Test).

References

1. Basavayya, D. (2012). *Essentials of Data Processing*. Neelkamal Publications.
2. Best, John. W., & Kahn, James. V. (1999). *Research in Education*. Prentice Hall of India, New Delhi.
3. Cohen, Louis., Manion, Lawrence., & Morrison, Keith(2011). *Research Methods in Education*. Routledge.
4. Creswell, John. W. (1994). *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches*. Sage Publications, Inc.
5. Crotty, Michael. J. (1998). *The Foundations of Social Research: Meaning and Perspective in the Research Process*. Sage Publication.
6. Flick, Uwe. (2017). *Introducing Research Methodology: A Beginner's Guide to Doing a Research Project*. Sage Publishing.
7. Garrett, Henry. E. (1985). *Statistics in Psychology and Education*. Vakils, Feffer and Simons.
8. Kothari, C. R. (2004). *Research Methodology: Methods and Techniques*. New Age International Publishers.
9. Koul, Lokesh. (2009). *Methodology of Educational Research*. Vikas Publishing House.
10. Matthews,John. N.S. (2006). *Introduction to Randomized Controlled Clinical Trials*. CRC Press.
11. Merriam, Sharan B.,&Tisdell, Elizabeth J. (2015). *Qualitative Research: A Guide to Design and Implementation*. John Wiley & Sons.
12. Murthy, C.G. Venkatesha. (2009). *Educational Research and Evaluation Studies*, Regional Institute of Education. Mysore.
13. Murthy, C.G. Venkatesha. (2009). *Educational Research*, Regional Institute of Education. Mysore.
14. Yin, Robert. K.(1984). *Case Study Research: Design and Methods*. Sage Publications, Inc.

SEMESTER IV

CORE COURSE 2D: ECONOMICS

BAE IV: 2B MONEY, BANKING AND PUBLIC FINANCE

Credits 4 (3L+1T)

Contact Hours per week: 5

Exam duration: 2 Hrs

Max. Marks: 100

C₁ + C₂:50

C₃:50

Objectives:

After studying this course the student teachers would be able to understand;

- The role of money and monetary transactions; theoretical exposition of the demand for and supply of money.
- The functions and working of commercial banks, the Central Banks and the role of monetary policy as an instrument of stabilization.
- The role of Government in the economy and the Principles of taxation, expenditure, budget preparation as an instrument of fiscal policy.

Transaction Mode:

The course has to be taught through class room teaching and lectures. Students can be encouraged to gather information on the recent changes in monetary policy, taxes, expenditure policy, public borrowing etc. As an activity they can be asked to study and analyze the recent budget.

Unit I: Basic Concepts and Value of Money:

Money: Definition of Money, the Kinds of Money, History and Evolution of money, the Functions of Money, and the Significance of Money in Modern Economy. The Supply of Money: The Sources of Money Supply, the Measures of Money Supply in India. Theory of Money Supply: The Classical Quantity Theory of Money, The Cambridge Version of Quantity Theory of Money, The Keynesian Theory of Demand for Money, and Post-Keynesian Theory of Demand for Money.

Unit II: Commercial and Central Banking

Commercial Bank: Evolution of Commercial Banks in India, Functions of Commercial Banks in India, The process of credit Creation, and Recent Reforms in banking sector in India. Central Banking: Role of the Central bank, Functions of the Central Bank, Methods of Credit Control, Role and Functions of the Reserve Bank of India Monetary.

Unit III: Public Finance

Meaning and Scope of Public Finance: Rationale, Market Failure and Role of Government. Public Expenditure: Causes and effects, Trends in Public Expenditure, Growth of Public Expenditure in India. Taxation: Meaning and significance, Classification of taxes, Division of Tax burden, Impact and incidence of taxes, effects of Taxation, Taxable capacity, Benefits and Ability to Pay Approaches, Major trends in tax revenue of the central and state governments in India.

Unit IV: Public Debt and Financial Administration

Sources of Public Borrowing: Effects of Public Debt, Methods of Debt Redemption, Growth of Indian Public Debt. Budget: Kinds of Budget, Economic and Functional Classification of the budget, and Preparation and Passing of budget in India.

Continuous Assessment:

Assessment will be based on tutorials (seminars, projects etc.) tests & assignments.

C1-10 (Test) +15 (seminars, projects, assignments etc.) =25

C2-10 (Test) +15 (seminars, projects, assignments etc.) =25

Total =50

Suggested Readings:

1. Ackley, G. (1978) *Macroeconomics: Theory and Policy*, Macmillan Publishing Company, New York.
2. Bhargava, R.N (1971) *The Theory and Working of Union Finance in India*, Chaitanya Publishing House, Allahabad.
3. Day, A C L (1960), *Outline of Monetary Economics*, Oxford University Press, Oxford.
4. De Kock, M H (1960), *Central Banking*, Staples Press, London.
5. Due, J F (1963), *Government Finance*, Irwin, Homewood.
6. Government of India, *Economic Survey (Annual)*, New Delhi.
7. Gupta, S B (1994), *Monetary Economics*, S Chand and Company, New Delhi.
8. Halm, G N (1955), *Monetary theory*, Asia Publishing House, New Delhi.
9. Harris, C L (1961), *Money and Banking*, Allyn and Bacon, London.
10. Herber, BP (1976), *Modern Public Finance*, Richard D. Irwin, Homewood.
11. Houghton, E W (Ed) (1988), *Public Finance*, Penguin, Baltimore.
12. Jha, R. (1998) *Modern Public Economics*, Routledge, London.
13. Laliwala, J I (1984), *The theory of Inflation*, Vani Educational Book, New Delhi.
14. Misha, S S (1981), *Money, Inflation and Economic Growth*, Oxford and IBHPublishing Company, New Delhi.
15. Mithani, D M (1981), *Macroeconomic Analysis and Policy*, Oxford and IBH, New Delhi.
16. Mithani, D M (1998), *Modern Public Finance*, Himalaya Publishing House,
17. Mumbai.
18. Musgrave, R A (1959), *The Theory of Public finance*, McGraw Hill, Kogakusha, Tokyo.
19. Musgrave, R.A. and P B Musgrave (1976), *Public Finance in Theory and*
20. *Practice*, McGraw Hill, Kogakusha, Tokyo.
21. Reserve Bank of India (1983), *The Reserve Bank of India : Functions and Working*,
22. Bombay.
23. Reserve Bank of India Report on Trend and Progress of Banking in India, (various years), Mumbai.
24. Reserve Bank of India, *Report on Currency and Finance (Annual)* Mumbai.
25. Sayers, R S (1978), *Modern Banking (7th Edition)*, Oxford University Press, Delhi.
26. Shapiro, E (1996), *Macroeconomic Analysis*, Galgotia Publications,

SKILL ENHANCEMENT COURSE- SEC 2: ECONOMICS
BAE IV. 6C: Applied Econometrics and Computer Application

Credits 3 (2L+1T)

Contact Hours per week: 4

Exam duration: 2 Hrs

Max. Marks: 100

C₁ + C₂:50

C₃:50

Objectives

This course introduces students to the econometric methodologies used to undertake empirical analysis in Economics using statistical software. The course is meant to teach students the basic quantitative approaches required for conducting applied research projects. It will give students insights into applying data and analytics principles in the social science research. Students will gain an understanding of the complete different large unit-level data sets. Students will learn how analytics, data visualisation, and data science approaches may be utilised to drive better social science research through numerous social science examples and case studies.

Transaction Mode:

Lecture cum discussion, group discussion, panel discussion, seminar group work, library work.

Course Content:

Unit I: Basic Econometrics

Nature and Scope of Econometrics, Ordinary Least Squares Estimation of a Linear Model, Properties of Estimators, Goodness of Fit, the Gauss Markov Theorem, Multiple Linear Regression Model.

Unit II: Violations of Classical Assumptions

Problem of Multicollinearity, Heteroscedasticity, Serial Correlation, Tests for detecting these problems through MS Excel and Statistical Software.

Unit III: Computer Application in Economics

Introduction of MS Excel and Statistical Software, Introduction of large unit-level data sets such as; NSS, PLFS, ASI, IHDS, and NFHS

Unit IV: Practical Analysis

Some case studies task will be given to students based on above data sets.

References

1. Dougherty, C. (2011). *Introduction to Econometrics*. Oxford University Press.
2. Gujarati, D. (2014). *Econometrics by Example*. Palgrave Macmillan.
3. Gujarati, D., Porter, D. (2010). *Essentials of Econometrics*. McGrawHill.
4. Kmenta, J. (2008). *Elements of Econometrics*. Khosla Publishing House.
5. Maddala, G., Lahiri, K. (2009). *Introduction to Econometrics*. Wiley.
6. Ministry of Statistics and Programme Implementation (MoSPI)
<http://mospi.nic.in/download-tables-data>
7. National Data Archive
<http://microdata.gov.in/nada43/index.php/catalog/central/about>
8. Indian Council of Social Science Research Data Service (ICSSR)
<http://www.icssrdataservice.in/>
9. National Family Health Survey (NFHS)
<https://dhsprogram.com/methodology/survey/survey-display-355.cfm>

10. India Human Development Survey (IHDS)
<https://ihds.umd.edu/>

SEMESTER V
CORE COURSE 2E: ECONOMICS

BAE V: 2B ECONOMIC DEVELOPMENT AND ENVIRONMENT

Credits 4 (3L+1T)

Contact Hours per week: 5

Exam duration : 2 Hrs

Max. Marks: 100

C₁ + C₂ :50

C₃ :50

Objectives:

The Course is designed to help the student teachers to learn about the

- Concepts of economic development and recent contributions to measuring economic development.
- Various theories of economic growth and development.
- Trade-off between environment and development and policies to reduce environment pollution. At the end of the course the student teacher will have an understanding about development, environment and the relationship between these two. Based on this knowledge, the student teacher would explain the theory of economic development and environment and its applications to Indian economy.

Transactions Mode:

Class room lectures-Additional information about the world scenario with reference to human development and environmental designation can be explained with the help of ET technology and other resources.

COURSE CONTENT:

Unit I: Economic Growth and Economic Development

The Difference between economic growth and economic development, Economic Development in Historical Perspective, Measuring economic development and Sen's contributions, Income Inequality. Characteristics of Low Developed Countries, The relations between environment and development, Sustainable Development, and Environmental Kuznet's Curve.

Unit II: Theories of Economic Growth and Development

Classical growth models: Contributions of Adam Smith, David Ricardo, Karl Marx, Joseph Schumpeter. Neo-Classical Growth models: Solow and Meade, Harrod & Domar Growth model and its relevance to LDC. Partial Theories of Economic growth: Lewis's labour surplus model, Rosenstein Rodan's Big Push Theory, Balanced and Unbalanced growth strategies, Critical Minimum effort, and Mahalanobis Model.

Unit III: Factors in Economic Development

Labour: Population growth and economic development, the optimum theory of population, The theory of demographic transitions, Employment policy. Capital: Role of Capital Development of Capital formation, Capital output, incremental capital output ratio. Technical Progress: Technology and development, Capital and labour saving technologies.

Unit IV: Environment Problems & Environmental Policies in India

Municipal Solid Waste Management, Economics of Recycling, People's Participation in Controlling Local Environment Problems, Global Environmental Problems, Global Warming, Green House Effect, Ozone Depletion, Threat to Biodiversity, e-Waste Management. India's Environmental Policy, Role of Pollution Control Board, Constitutional Provisions for Environmental Protection and Legal Measures.

Continuous Assessment:

Assessment will be based on tutorials (seminars, projects etc.) tests & assignments.

C1-10 (Test) +15 (seminars, projects, assignments etc.) =25

C2-10 (Test) +15 (seminars, projects, assignments etc.) =25

Total =50

Suggested Readings:

1. Adelman, I. (1961) *Theories of Economic Growth and Development*, Stanford University Press, Stanford.
2. Arestis, P (Ed) (1993) *Employment, Economic growth and the Tyranny of the Market*, Edward Elgar, Aldershot.
3. Behrman, S and T N Srinivasan (1995), *Handbook of Development Economics*, Vol.1 to 3, Elsevire, Amsterdam.
4. Bhagwati, J and P Desai (1970), *India: Planning for Industrialization*, Oxford University Press, London.
5. Boserup, E (1991), *Population and Technological Change: A Study of Long Term Change*, Chicago University Press, Chicago.
6. Brahmananda, P R and C N Vakil (1956), *Planning for an Expanding Economy*, Vora and Co., Bombay.
7. Chakravarti, S. (1982), *Alternative Approaches to the Theory of Economic Growth*, Oxford University Press, Delhi.
8. Chakravarty, S (1987), *Development Planning: The Indian Experience*, Clarendon Press, Oxford.
9. Chenery, H B et al. (Eds.) (1974). *Redistribution with Growth*, Oxford University Press, New York.
10. Dasgupta, P., A K Sen and S Marglin (1972), *Guidelines for Project Evaluation*, UNIDO, Vienna.
11. Ehrlich, P., A. Ehrlich and J. Holden (1997), *Economics, Population, Resources, Environment*, W H Freeman, San Francisco.
12. Ghatak, S (1986), *An Introduction to Development Economics*, Allen and Unwin, London.
13. Government of India (2000), *India 2000*, Ministry of Information and Broadcasting, New Delhi.
14. Hayami, Y (1997), *Development Economics*, Oxford University Press, New York.
15. Hemple, Lamont C (1998), *Environmental Economics: The Global Challenge*, First East West Press, Edinburgh.
16. Higgins, B (1959), *Economic Development*, Norton, New York.
17. Hirsch, A.O. (1958), *The Strategy of Economic Development*, Yale University Press, New Haven.
18. Kahkonon, S. and M. Olson (2000), *A New Institutional Approach to Economic Development*, Vistaar.

19. Kindleberger, C P (1977), *Economic Development*, 3E, McGraw Hill, New York.
20. Kuik, O. J et. Al. (Eds) (1997) *Environment Policy, Pollution Control in the South and North: A Comprehensive Assessment of Approach in India and Netherlands, Indo-Dutch Studies on Development Alternatives*, Sage Publications, and New Delhi.
21. Little, I M D (1982), *Economic Development: Theory and International Relations*, Basic Books, New York.
22. Lopez, R E (1997), *Where Development can go or cannot go? The Role of Poverty – Environmental Linkages*, Annual World Bank Conference on Development Economics, World Bank, Washington, D C.
23. Maler, K G (1997), *Environment, Poverty in Economic Growth*, Annual World Bank Conference on Development Economics, World Bank, Washington D C.
24. Mehrotra, S and J Richard (1998), *Development with a Human Face*, OxfordUniversity Press, New Delhi.
25. Meier, G M (1995), *Leading Issues in Economic Development*, 6e, OxfordUniversity Press, New Delhi.
26. Michael P. Todaro and Stephen C. Smith, *Economic Development* , 8th Edition, 2003, Pearson Education Asia, New Delhi.
27. Mishan E J (1975), *Cost-Benefit Analysis*, (2nd Edition), Allen and Unwin, London.
28. Myint, Hla (1965), *The Economics of Underdeveloped Countries*, Preager, New York.
29. Myint, Hla, (1971), *Economic Theory and Underdeveloped countries*, Oxford University Press, New York.
30. Ramprasad Sengupta (2001), *Ecology and Economics : An Approach to Sustainable Development*, OxfordUniversity Press, New Delhi.
31. Sen, A K (Ed.) (1990), *Growth Economics*, Penguin, Harmondsworth.
32. Therberge, J D (Ed) (1968), *Economics of Trade and Development*, John Wiley, New York.
33. Thirlwal, A P (1999), (6th Edition), *Growth and Development*, Macmillan, London.
34. Thirwal, A P (1974), *Inflation, Savings and Growth in Developing Economies*, Macmillan, London.
35. Todaro, M P (1971), *Development Planning: Models and methods*, Oxford University Press, Oxford.

**SEMESTER VI
CORE COURSE 2F: ECONOMICS**

BAE VI: 2B INTERNATIONAL ECONOMICS

Credits 4 (3L+1T)

Contact Hours per week: 5

Exam duration: 2 Hrs

Max. Marks: 100

C₁ + C₂:50

C₃:50

Objectives

After studying this course the student teachers will be able to understand

- The importance of international trade and the basis for trade.
- The gains from international trade and the determinates of the gains from trade; implications of protectionist measures like tariffs and quota.
- the recent changes in India's foreign trade, policy initiatives and the role of WTO.

Transaction Mode:

The course has to be taught through class room teaching. However, students can also be motivated to gather additional information relating to the WTO, its Clauses, impact on Indian economy, trading partners of India etc.

Unit I: Trade Theories

Importance of International Economics, Distinction between inter-regional and International trade, trade and economic development. Theories of International Trade: Absolute Advantage, Comparative Advantage and Opportunity Cost, Heckscher-Ohlin. Foreign Trade in India: Recent changes in the Composition and direction of Foreign trade, Causes and effects of deficit in balance of Payments.

Unit II: Gains from Trade

Gains from trade: Measurement and distribution, Concepts of terms of Trade and their Importance, and Doctrine of Reciprocal demand.

Unit III: Trade Restrictions

Case for Protection, Tariffs and Quotas, Effects of Tariff in a Partial Equilibrium Situation, Concept of Optimum Tariff, and Effective Rate of Protection.

Unit IV: Balance of Payments

Current and Capital Account, Different types of Deficits, Methods of Adjustment, Automatic mechanism and policy options, and Exchange control.

Continuous Assessment:

Assessment will be based on tutorials (seminars, projects etc.) tests & assignments.

C1-10 (Test) +15 (seminars, projects, assignments etc.) =25

C2-10 (Test) +15 (seminars, projects, assignments etc.) =25

Total =50

Suggested Readings:

1. Aggarwal, M R. (1979), *Regional Economic Cooperation in South Asia*, S Chand and Co., New Delhi
2. Bhagwati, J. (Ed.) (1981), *International Trade, Selected Readings*, Cambridge University Press, Mass.
3. Crockett, A. (1982), *International Money; Issue and analysis*, ELBS and nelson, London.
4. Greenaway, D. (1983), *International Trade Policy*, Macmillan Publishers Ltd., London.
5. Heller, H.R. (1968), *International Monetary Economics*, Prentice Hall, India
6. Joshi.V. and I.M.D Little (1998), *India's Economics Reforms, 1991-2001*, Oxford university Press, Delhi.
7. Kenan, P B. (1994), *The International Economy*, Cambridge University Press, London
8. Kindlberger, C.P. (1973), *International Economics*, R D Irwin, Homewood.
9. Krugman, P R. and M. Obstfeld (1994), *International Economics: Theory and Policy*, Glenview, Foresman.
10. Nayyar, D. (1976), *India's Exports and Export Policies in the 1960s*, Cambridge University press, Cambridge.
11. Panchamukhi, V.R. (1978), *Trade Policies of India: A Quantitative analysis*, Concept Publishing Company, New Delhi.
12. Patel, S.J (1995), *Indian Economy Towards the 21st Century*, university Press Ltd., India.
13. Salvatore, D L. (1997), *International Economics*, Prentice-Hall, Upper Saddle River, N.J
14. Singh, M. (1964), *Indian Export Trends and the Prospectus for Self-sustained Growth*, Oxford University Press, oxford.
15. Soderstenm, B O (1991), *International Economics*, Macmillan Press Ltd, London

SEMESTER VII

DISCIPLINE SPECIFIC ELECTIVE DSE 1: ECONOMICS

BAE VII: 2B Quantitative Techniques

Credits 4 (3L+1T)

Contact Hours per week: 5

Exam duration: 2 Hrs

Max. Marks: 100

C₁ + C₂:50

C₃:50

Objectives:

The Course is designed to enable the student teacher understand;

- The quantitative techniques which are used in explaining economic variables
- Generic quantitative techniques, which can be applied to different situations.
- General mathematical concepts like functions, equations, differentiation of the function, slope of the straight line, Statistical tools as measures of central tendency, Time Series analysis, and measures of Correlation and regression analysis.
- This helps the student teacher to analyze the quantitative techniques through available data.

Transaction Mode:

The Course is taught through class room lecture. The student can be encouraged to apply these techniques to the existing data in order to understand the methods and interpret the results so that the applicability of these methods is well appreciated.

Unit I: Linear Algebra

Economic Models: Ingredients of a Mathematical Model, The Real Number System, The Concept of Sets, Types of Function, and Types of equations. Matrix & Algebra: Matrices & Vectors, Addition and Subtraction of Matrices, Multiplication of Matrices, Transposes and Inverses of Matrices, and Leontief Input-Output Models.

Unit II: Multivariable Calculus-I

Partial Derivatives, Techniques of Partial Derivatives, Differentiation, and Integration. The Derivative and Slope of a Demand Curve & Supply Curve. Graphical Method of Linear Programming.

Unit III: Multivariable Calculus-II

Equilibrium of a firm and consumer, Maxima and Minima Conditions, Interrelationship among total, marginal and average cost and revenue, Revenue and Profit Maximization and Cost Minimization, Constrained Optimization Problem, Consumer's Surplus, and Lagrange multipliers to solve extreme problems with constraints.

Unit IV: Mathematical Application in Economics

Production Function: Cobb–Douglas production function and Constant Elasticity substitution production function. Market: Perfect Competition, Monopoly, and Duopoly.

Continuous Assessment:

Assessment will be based on tutorials (seminars, projects etc.) tests & assignments.

C1-10 (Test) +15 (seminars, projects, assignments etc.) =25

C2-10 (Test) +15 (seminars, projects, assignments etc.) =25

Total =50

Suggested Readings:

1. Allen, R .G .D. (1974), *Mathematical Analysis for Economists*, Macmillan press, London.
2. Black,J. and J F Bradley (1973), *Essential Mathematic s for Economists*, John Wiley and Sons.
3. BoseD.C. (2003), *An Introduction to Mathematical Economics*, Himalayan Publishing House, Mumbai.
4. Chiang, A.C. (1986). *Fundamental Methods of Mathematical Economics* (3rd Edition), McGraw Hill, New Delhi
5. Croxton, F.E., D.J. Cowden and S Klein (1973), *Applied General Statistics*, Prentice Hall, New Delhi.
6. Gupta, S .C. and V K Kapoor (1993), *Fundamentals of Applied Statistics*. S.Chand and Sons, New Delhi
7. Henderson, James M., & Quandt, Richard E. (1958). *Microeconomic Theory: A Mathematical Approach*, McGraw-Hill Book Company, Inc. New York.
8. Krishnaswamy O.R., (2002) *Research Methodology in Social Science*, Himalayan Publishing House, Bombay.
9. Specigal, M R. (1992), *Theory and Problems of Statistics*, McGraw Hill Book, London.
10. Veerachamy. R (2005) *Quantitative Methods for Economists*, New Age International Publishers, New Delhi.

BAE VIII: 2B HISTORY OF ECONOMIC THOUGHT

Credits 4 (3L+1T)

Contact Hours per week: 5

Exam duration: 2 Hrs

Max. Marks: 100

C₁ + C₂:50

C₃:50

Objectives:

The course is designed to help the student teachers to understand

1. Economic thoughts of Plato and Aristotle.
2. Economic thoughts of Adam Smith and division of Labour.
3. Economic methods, ideas and consumer surplus.
4. Keynesian ideas and fiscal policy.
5. Economic ideas of Kautilya, Naoroji, Ranade, Dr. B. R. Ambedkar, R C Dutt and Gandhiji.

Transaction Mode:

Through lectures, panel discussions, group discussions, field visits and use of audio-video materials

Unit I: Ancient and Medieval Period

Economic thought of Plato and Aristotle – Doctrines of just cost and just price- Mercantilism; main characteristics; Physiocracy: natural order, primacy of agriculture, Tableau Economique, taxation, Turgot- Economic ideas of Petty, Locke and Hume.

Unit II: Classical Period

Adam Smith: Division of labour, theory of value, capital accumulation, distribution, views on trade, economic progress; David Ricardo: Value, theory of rent, distribution, ideas on economic development and international trade; Thomas R Malthus: Theory of population; Karl Marx: Dynamics of social change, theory of value, surplus value, profit and crisis of capitalism; Economic ideas of J B Say, J S Mill; Historical School- Nassan William Senior and Fredric List.

Unit III: Marginalist School and Keynesian Ideology

The marginalist revolution: Jevons, Walras and Menger, Bohm-Crick, Wicksell and Fisher; the Bowerek rate of interest, Wicksteed and Weiser, Marshall, and Welfare economics.

Unit IV: Indian Economic Thought

Early Economic ideas; Kautilya, Valluvar: Modern economic ideas; Naoroji, Ranade, R.C Dutt and M N Roy; Economic ideas of Gandhiji, Swadeshi, place of machine and labour, cottage industries, trusteeship; early approaches to planning (the national planning committee); Dr. B. R. Ambedkar, Gadgil - Co-operation as a way of life and strategy of development; J.K. Mehta: Amartya Sen's Contributions.

Continuous Assessment:

Assessment will be based on tutorials (seminars, projects etc.) tests & assignments.
C1-10 (Test) +15 (seminars, projects, assignments etc.) =25
C2-10 (Test) +15 (seminars, projects, assignments etc.) =25
Total =50

Suggested Readings:

1. Bhatia H.L. (1980) History of economic Thought, Vikas Publishing House Pvt Ltd. Ghaziabad, U.P
2. Blackhouse.R. (1985), *A History of Modern Economic Analysis*, Basil Blackwell, Oxford.
3. Blaug, M (1997), *Economic Theory in Retrospect: A history of economic thought* from Adam Smith to J. M Keynes, (5th Edition), Cambridge university Press, Cambridge.
4. Dasgupta, A K. (1985), *Epochs of Economic Theory*, OxfordUniversity Press, New Delhi.
5. Gandhi, M K. (1947), (India of My Dreams, Navajivan publishing House, Ahmedabad.
6. Ganguli, B N. (1977), *Indian Economic Thought: A 19th Century Perspective*, Tata McGraw Hill, new Delhi
7. Gide,C. and G Rist (1956), *A history of Economic Doctrines*, (2nd Edition), George harrop& Co., London.
8. Grey,A, and A.E Thomson (1980), *The Development of Economic Doctrine*, (2nd Edition), Longman Group, London.
9. Kautily(1992), *The Arthashastra, Edited, Rearranged, Translated and introduced by L N Ragarajan*, Penguin Books, New Delhi.
10. Koot, G.M. (1988), *English Historical Economics: 1850-1926*, CambridgeUniversity Press, Cambridge
11. Rao, M N. (1964),*Memories*, Allied Publishing House, Bombay.
12. Roll, E. (1973), *A History of Economic Thought*, Faber, London.
13. Schumpeter, J A, (1954), *History of economic Analysis*, Oxford University Press, New York.
14. Schumpeter, J A. (1051), *Ten Great Economists*, OxfordUniversity Press, Newyork.
15. Seshadri, G B. (1997), *Economic doctrines*, B.R. Publishing Corporation, Delhi.
16. Shionya.Y, (1997), *Schumpeter and the idea of Social Science*, Cambridge University Press, Cambridge
17. Srivastava S.K. (1999) History of Economic Thought, S. Chand and Company LTD. New Delhi.