**M.A (Economics) SEMESTER-III**

**PUBLIC FINANCE**

Course Title: Public Finance Course code: SOS/ECO (C) / 301 Credits: 3 (Three)

Maximum Marks: 100 (a) End-semester Examination: 60 Marks (b) Sessional Assessment: 40 Marks

**SYLLABUS**

**Unit-1** Role of Government in the Economy: Economic Rationale of Mixed Economy; Role of Government in a State; Efficiency, markets and Governments; Market Failure and the rationale for Government Intervention; Natural Monopolies and Market Failure; Non-Existence of Futures Markets and Market Failure; Asymmetric Information and market Failure; The Problem of Externalities; Fiscal Functions of the Government

**Unit-2** Public Expenditure: Kinds, Canons ; Wagner’s law of increasing state activities, Role of public expenditure in developing countries Effects of public expenditure on production Economic Growth and distribution; Public Budget: kinds of budget, PPBS, ZBB Balanced budget; different concepts of budget deficits

**Unit-3** Taxation: Canons of taxation; Division of Tax Burden: The Benefits –Received Theory, Ability-to-Pay Theory, Optimal taxation, Taxable Capacity; Theories of Tax Shifting: The Concentration theory, Diffusion theory, Demand and supply theory; double taxation; Effects of taxation on production, growth, supply of resources; taxation and distribution

**Unit-4** Public Debt: Objectives and Sources of Public Debt; Classification and Effects of Public Debt, Public Debt and Economic Growth, Public Debt and Inflation, Burden of Public Debt; Debt Redemption: Principles of debt management and repayment; Crowding out of private investment

**Recommended Reading List**

Atkinson, A.B. and J.E. Siglitz (1980), Lectures on Public Economics, Tata McGraw Hill, New York.

Auerbach, A.J. and M. Feldstern (Eds.) (1985), Handbook of Public Economics, Vol. I, North Holland, Amsterdam.

Bhargava, P.K. (1976), Taxation of Agriculture in India, Vora and Co. Bombay.

Bhargava, P.K. (1984), Some Aspects of Indian Public Finances, Uppal Publishing House, New Delhi.

Bhargava, P.K. (1991), India’s Fiscal Crisis, Ashish Publishing House, New Delhi.

Bhargava, R.N. (1969), Indian Public Finances, B.D. Bhargava and Sons, Chandausi.

Borkar, V.V. (1971), Income Tax Reform in India, Popular Prakashan, Bombay.

Buchanan, J.M. (1970), The Public Fina nces, Richard D. Irwin, Homewood.

Chelliah, R.J. (Ed.) (1997), Towards Sustainable Growth, Oxford University Press, New Delhi.

Datt, R. (Ed.) (2001), Second Generation Economic Reforms in India, Deep & Deep Publications, New Delhi.

Gandhi, V.P. (1970), Some Aspects of India’s Tax Structure, Vora and Company, Bombay.

Goode, R. (1986), Government Finance in Developing Countries, Tata McGraw Hill, New Delhi.

Government of India (1992), Reports of the Tax Reforms Committee — Interim and Final(Chairman : Raja J. Chelliah).

Houghton, J.M. (1970), The Public Finance : Selected Readings, Penguin, Harmondsworth.

Jha, R. (1998), Modern Public Economics, Routledge, London.

Menutt, P. (1996), The Economics of Public Choice, Edward Elgar, U.K.

Mundle, S. (1999), Public Finance Policy: Issues for India, Oxford University Press, New Delhi.

Musgrave, R.A. (1959), The Theory of Public Finance, McGraw Hill, Kogakhusa, Tokyo.

Musgrave, R.A. and P.B. Musgrave (1976), Public Finance in Theory and Practice, McGraw Hill, Kogakusha, Tokyo.

Shome, P. (Ed.) (1995), Tax Policy : Handbook, Tax Division, Fiscal Affairs Department, International Monetary Fund, Washington D.C.

Shoup, C.S. (1970), Public Finance, Aldine, Chicago.

**DEMOGRAPHY-I**

Course Title: Demography-I Course code: SOS/ECO (C) / 302 Credits: 3 (Three)

Maximum Marks: 100 (a) End-semester Examination: 60 Marks (b) Sessional Assessment: 40 Marks

**SYLLABUS**

**Unit-1** Demography: Meaning and Scope of the study; Theories of population: Malthusian theory, Optimum theory, Theory of demographic transition.

**Unit-2** Methodology of Demographic Research: Vital Statistics, Gross reproduction rate and net reproduction, Measures of Mortality, Concept and Use of Life Table, Total fertility rate; Factors affecting fertility.

**Unit-3** Migration: International and Internal Migration, Economic and Social Consequences of Migration, Factors affecting migration; Urbanization: Growth and distribution of rural urban population.

**Unit-4** Population Growth and Economic Development: Population, economy and environment linkages, Population, health, nutrition, productivity nexus; Control of Population, Population and human development issues.

**Recommended Reading List**

Agarwal S.N. (1972), India’s Population Problem, Tata McGraw-Hill Co., Bombay.

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

Bose, A. (1996), India’s Basic Demographic Statistics, B.R. Publishing Corporation, New Delhi

Chenery H. and T.N. Srinivasan (Eds.) (1989), Hand Book of Development Economics, Vol. 1 & 2 Elsevier, Amsterdam

Choubey, P.K. (2000), Population Policy in India, Kanishka Publications, New Delhi.

Coale A.J. and E.M. Hoover (1958), Population Growth and Economic Development in

Gulati, S.C. (1988), Fertility in India: An Econometric Study of a Metropolis, Sage, New Delhi.

Low Income Countries: A Case Study of India’s Prospects, Princeton University Press, Princeton

Simon, J.L. (1992), Population and Development in Poor Countries, Princeton University Press

Srinivasan, K. (1998), Basic Demographic Techniques and Applications, Sage, New Delhi

Srinivasan, K. and A. Shariff (1998), India: Towards Population and Demographic Goals, Oxford University Press, New Delhi

Sryrock, H. et. al (1973), The Methods and Materials of Demography, US Department of Commerce, Washington, D.C.

**DISSERTATION**

Course Title: Dissertation Course code: SOS/ECO (C) / 303 Credits: 3 (Three)

Maximum Marks: 100

Note: Dissertation will be compulsory for all the students of Third semester. Dissertation will

carried by the student under the supervision of Student advisor (teacher of department).

**Guidelines for Dissertation:**

1. Dissertation should be based on any relevant economic issue at local/regional/state/

National/international level

2. It should be developed on the basis of either primary or secondary data.

3. Dissertation should be limited to a range of 40 to 80 pages approx. (Font type-Times New Roman or Font Size-14 font, Line spacing- 1.5 spacing; For Hindi- Kruti Dev-010, Font size-16, Line spacing-1.5)

**Format of Report:**

The report should be submitted in following format:

**Title Page**

**Certificate (by supervisor and student), Introduction (Background of the Problem)**

**Literature Review**

**Study Methodology**

**Research Findings**

**Conclusion**

**Suggestions or policy prescriptions**

**Bibliography**

Note: There should not be any plagiarism in the research report.

Method of Evaluation:

Performance of student in dissertation will be evaluated on the following three basis:

(a) Dissertation (By external and internal experts) 60 Marks

(b) Viva-voce (By external expert) 20 Marks

(c) Periodical presentation (by supervisor-internal expert) 20 Marks

Total: 100 Marks

Note: Name of the external expert will be decided by the University.

**AGRICULTURAL ECONOMICS-I**

Course Title: Agricultural Economics-I Course code: SOS/ECO (E) / 304(a) Credits: 3 (Three)

Maximum Marks: 100 (a) End-semester Examination: 60 Marks (b) Sessional Assessment: 40 Marks

**SYLLABUS**

**Unit-1** Agricultural Economics: Nature and Scope; Role of Agriculture in Economic Development; Problems of transforming traditional agricultural; Organic farming: Present status & Future scope;

**Unit-2** Agriculture Growth under the Plans: Overall trends and Inter-regional Variations; Land Reforms: Measures and their progress.

**Unit-3** Green Revolution: Achievements and failures; Agriculture Development and Technological Progress: Indigenous and Bio-Technological Practices for Sustainable Agriculture.

**Unit-4** Food Security in India: Problems and solutions, Public Distribution system in India

**Recommended Reading List**

Drummond, H E and Goodwin, J W., Agricultural Economics, Standard Book Distributing House, 2004

Eicher, Carl and Lawrence Witt, Agriculture in Economic Development, McGraw Hill Book Company, 1964

Joshi P C., Land Reforms in India: Trends and Perspective, New Delhi; Allied Publishers, 1975

Kahlon, A S and Karam Singh, Manageing Agricultural Finance: Theory and Practice, New Delhi: Allied Publishers Pvt. Ltd 1984.

Khusro, A. M., Readings in Agricultural Development, New Delhi: Allied Publishers Pvt. Ltd.

Mellor W. Hohn, The Economics of Agricultural Development, Mumbai: Vora and Co Publishers PVt. Ltd.

Ruddar Datt, K.P.M. Sundharam, 2008, Indian Economy, S.Chand publication, New Delhi

Rudra Ashok, Indian Agricultural Economics: Myths and Realities, New Delhi: Allied Publishers Pvt. Ltd. 1982.

Sadhu A.N., Singh [Amarjit], Fundamentals of Agricultural Economics, 2000

Shrivastava, O S, Agricultural Economics, 1996

Tyagi, B P Agricultural Economics and Rural Development, 1989

**LABOUR ECONOMICS-I**

Course Title: Labour Economics-I Course code: SOS/ECO (E) / 304(b) Credits: 3 (Three)

Maximum Marks: 100 (a) End-semester Examination: 60 Marks (b) Sessional Assessment: 40 Marks

**SYLLABUS**

**Unit-1** Labour Economics: Nature, scope and importance; Indian Labour Market: Meaning, Characteristics of Organised and unorganized labour in Indian Economy.

**Unit-2** Wage determination: Marginal Productivity Theory, Theory of Collective Bargaining, Concept of Minimum Wage and Fair Wage, Wage Policy in India, Wage differentials; Wages Act, 1936, Wage Act 1948 – Bonus and fringe benefits Payments of Bonus Act 1965 and Amendments.

**Unit-3** Employment and development relationship: Poverty and unemployment in developing countries; Unemployment — Concept and Types; Analysis of educated unemployment; Impact of rationalization, technological change and modernization on employment; Employment policy in Five Year Plans and its evaluation.

**Unit-4** Trade Unions: Introduction, Nature, Characteristics, functions and Growth; Achievements of trade unions; Obstacles and weaknesses in the growth of trade union movement in India.

**Recommended Reading List**

Datt, G. (1996), Bargaining Power, Wages and Employment: An Analysis of Agricultural Labour Markets in India, Sage Publications, New Delhi.

Hajela, P.D. (1998), Labour Restructuring in India: A Critique of the New Economic Policies, Commonwealth Publishers, New Delhi.

Jhabvala, R. and R.K. Subrahmanya (Eds.) (2000), The Unorganised Sector : Work Security and Social Protection, Sage Publications, New Delhi.

Lester, R.A. (1964), Economics of Labour, (2nd Edition), Macmillan, New York.

McConnell, C.R. and S.L. Brue (1986), Contemporary Labour Economics, McGraw-Hill, New York.

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.

Rosenberg M.R. (1988), Labour Markets in Low Income Countries in Chenery, H.B. and T.N.

Srinivasan, (Eds.), The Handbook of Development Economics, North-Holland, New York.

Ruddar Datt, K.P.M. Sundharam, 2008, Indian Economy, S.Chand publication, New Delhi

Venkata Ratnam, C.S. (2001), Globalization and Labour-Management Relations: Dynamics of Change, Sage Publications/Response Books, New Delhi.

**INDUSTRIAL ECONOMICS**

Course Title: Industrial Economics Course code: SOS/ECO (E) / 304(c) Credits: 3 (Three)

Maximum Marks: 100 (a) End-semester Examination: 60 Marks (b) Sessional Assessment: 40 Marks

**SYLLABUS**

**Unit-1** Industrial Economics: Meaning, Scope, need & Significance of the Study, Industrial Struture: Private sector versus Public sector industries; Large, Medium, Small-scale and cottage industries; Market structure and behaviour of a firm. Competition policy: Need and requirements; Productivity; efficiency and capacity utilization; Methods of measuring efficiency of a firm, Diversification, Integration and Merger.

**Unit-2** Determinants of Industrial Location: Technical, economic, infrastructural and other factors; Factors Influencing Location of Industries; Theories of industrial location - Weber, August Losch, Sargant Florence; Development of Backward Regions: Government Policy and approach for the development of backward regions; Recent Programs for Development of Backward Regions; Industrial Imbalance: Causes and Measures, Need for Balanced Regional Development of Industries

**Unit-3** Industrial Finance: Meaning, Scope and Importance; Sources of Short term and long term Industrial Finance; Industrial Financial Institutions: Role and functioning in India Foreign capital: Need for Foreign Capital, Governments Policy towards Foreign Capital

**Unit-4** Industrial development and policies in India: Brief Outline of Industrial Policies 1991; Trends in Industrial Growth after 1991, Role of MNC’s in India. ‘Make in India’ policy

**Recommended Reading List**

Ahluwalia, I.J. (1985), Industrial Growth in India, Oxford University Press, New Delhi.

Barthwal, R.R. (1985), Industrial Economics, Wiley Eastern Ltd., New Delhi.

Cherunilam, F. (1994), Industrial Economics: Indian Perspective (3rd Edition), Himalaya Publishing House, Mumbai.

Desai, B. (1999), Industrial Economy in India (3rd Edition), Himalaya Publishing House, Mumbai.

Divine, P.J. and R.M. Jones et. al. (1976), An Introduction to Industrial Economics, George Allen and Unwin Ltd., London.

Government of India, Economic Survey (Annual).

Hay, D. and D.J. Morris (1979), Industrial Economics : Theory and Evidence, Oxford University Press, New Delhi.

Kuchhal, S.C. (1980), Industrial Economy of India (5th Edition), Chaitanya Publishing House, Allahabad.

Reserve Bank of India, Report on Currency and Finance (Annual).

Singh, A. and A.N. Sadhu (1988), Industrial Economics, Himalaya Publishing House, Bombay.

**REGIONAL ECONOMICS**

Course Title: Regional Economics Course code: SOS/ECO (E) / 304(d) Credits: 3 (Three)

Maximum Marks: 100 (a) End-semester Examination: 60 Marks (b) Sessional Assessment: 40 Marks

**SYLLABUS**

**Unit-1** Regional Economics: Concept, definition, scope and importance; Theories of regional development and planning.

**Unit-2** Economic development and regional disparities; Indicators of regional disparities; Backwardness and regional imbalances in India; Regional dimensions of Indian plans.

**Unit-3** Economy of Uttarakhand: Salient features - Geographical features, Land types, Land use, Forest resources and Energy resources; Agriculture and Industrial pattern in Uttarakhand; Tourism in Uttarakhand economy.

**Unit-4** Human resource in Uttarakhand: Demographic profile, Education, Health and other infrastructural facilities, Unemployment and migration, Role of women in Uttarakhand economy; Poverty in Uttarakhand; Panchayati Raj and peoples participation.

**Recommended Reading List**

Bal Krishan: Regional Planning

Bisht N.S : Regional Economics (Hindi)

Chandra and Puri: Regional planning in India

Dewan M.L and Jagdish Bahadur: Uttaranchal vision and Action programme

G.P Mishra: Regional Dimensions of development

L. Needlemand: Regional Development

Planning commission, Govt. of India, Five year plans

Sati, M.C: Diversity and Development of Himalayan Economy

Tolia, R.S: Uttarakhand Today

Winsar publication: Uttarakhand year book (Hindi and English)

**ECONOMICS OF RURAL DEVELOPMENT**

Course Title: Economics of Rural Development Course code: SOS/ECO (E) / 304(e) Credits: 3 (Three)

Maximum Marks: 100 (a) End-semester Examination: 60 Marks (b) Sessional Assessment: 40 Marks

**SYLLABUS**

**Unit-1** Rural development: Nature and structure of rural sector in India, Meaning, need and basic principles of rural development.

**Unit-2** Dimensions of rural development in India: Growth of Agriculture; Agrarian reforms, Infrastructural development.

**Unit-3** Rural problems in India: Nature, magnitude, causes and remedies of Poverty, Unemployment and Indebtedness; Problems of Farm and Non-farm Rural employment; Programmes in India for welfare of rural and farm labour.

**Unit-4** Rural development programmes in India: Objectives, basic features and assessment of current programmes.

**Recommended Reading List**

Datt , Sundaram - Indian Economy , S.Chand and Company, New Delhi.

Desai, Vasant - Study of Rural Economics, Himalaya Publishing Company, New Delhi.

Gagam Kumar Singh - Administration for Rural Development Programme in India ,Abhijeet Publications, New Delhi

Government of India – Evolution of Community Development Programme in India

Government of India, Ministry of Finance, Economic Division Economic Survey- Various Issues.

Jain P.C. – Agricultural Reforms in India

Jain S.P. – Indian Rural Economics Vikas, New Delhi

Kanak Kanti Bagchi – Employment and Poverty Alleviation Programmes inIndia – An Appraisal (2 vols) Abhijeet Publications, New Delhi

Maheshwari S. – Rural Development in India

Mishra Puri – Indian Economy, Himayala Publishing House, Mumbai.

Sanatan Nayak – Irrigation and Economic Development, Abhijeet Publications, NewDelhi

Shakuntala Devi – Rural Credit and Agricultural Development, Scrap & Sons, New Delhi 1996.

Statistics on Indian Economy - Various Issue – R.B.I. (Mumbai)

**ECONOMETRICS-I**

Course Title: Econometrics-I Course code: SOS/ECO (E) / 304(f) Credits: 3 (Three)

Maximum Marks: 100 (a) End-semester Examination: 60 Marks (b) Sessional Assessment: 40 Marks

**SYLLABUS**

**Unit-1** Econometrics: Nature and Scope; Relationship among Economics, Mathematics and Econometrics; Economic model versus Econometric model; Conceptual Analysis: Endogenous, Exogenous and Lagged Variables; Single equation versus Simultaneous Equation Models; Cross-section, Time-series and Panel data.

**Unit-2** Specification bias: Meaning, causes, effects; Measurement Errors; Concepts of Dummy and Proxy variables.

**Unit-3** Problem of Identification: Rank and Order conditions. Equations in a model: Structural, Reduced and Final forms.

**Unit-4** Linear regression model: OLS method and its assumptions; Estimation of parameters through OLS in case of maximum two explanatory variables; BLU properties of OLS estimators.

**Recommended Reading List**

Amemiya, T. (1985), Advanced Econometrics, Harvard University Press, Cambridge, Mass.

Baltagi, B.H. (1998), Econometrics, Springer, New York.

Dongherty, C. (1992), Introduction to Econometrics, Oxford University Press, New York.

Goldberger, A.S. (1998), Introductory Econometrics, Harvard University Press, Cambridge,Mass

Gujarati, D.N. (1995), Basic Econometrics (2nd Edition), McGraw Hill, New Delhi.

Hill R. C., E.G. William and G.G. Judge (1997), Undergraduate Econometrics, Wiley, New York.

Kennedy. P. (1998), A Guide to Econometrics (4th Edition), MIT Press, New York.

Kmenta, J. (1997), Elements of Econometrics (Reprint Edition), University of Michigan Press,

New York.

Koutsoyiannis, A. (1977), Theory of Econometrics (2nd ed.), The Macmillan Press Ltd., London.

Krishna, K.L. (Ed.) (1997), Econometric Applications in India, Oxford University Press, New Delhi.

Maddala, G.S. (Ed.) (1993), Econometrics Methods and Application (2 Vols. ), Aldershot U.K.

Theil, H. (1981), Introduction to Econometrics, Prentice Hall of India, New Delhi.

**FINANCIAL INSTITUTIONS AND MARKETS**

Course Title: Financial Institutions and Markets Course code: SOS/ECO (E) / 304(g) Credits: 3 (Three)

Maximum Marks: 100 (a) End-semester Examination: 60 Marks (b) Sessional Assessment: 40 Marks

**SYLLABUS**

**Unit-1** Money and finance: The structure of the financial system, Functions of the financial sector, Indicators of financial development, Financial System and Economic Development.

**Unit-2** Non-bank financial institution: Definition, Types, their growth and impact on India’s economic development, Measures taken to control their operations.

**Unit-3** Money and Capital markets: Role and structure, Call money market, Treasury bill market, Commercial bill market including commercial paper and certificate of deposits, Discount market, Government securities market, Primary and secondary market for securities; SEBI, IRDA.

**Unit-4** International financial system: Lending operations of IMF, World Bank and its affiliates-IDA and IFC; Current issues; Reforms in International monetary system for developing countries; Growth of Regional financial institutions - Asian Development bank and its lending activities; Euro-dollar and Euro-Currency markets.

**Recommended Reading List**

Bhole, L.M. (1999), Financial Institutions and Markets, Tata McGraw Hill Company Ltd., New Delhi.

Bhole, L.M. (2000), Indian Financial System, Chugh Publications, Allahabad.

Edminster, R.O. (1986), Financial Institutions, Markets and Management, McGraw Hill, New York.

Goldsmith, R.W. (1969), Financial Structure and Development, Yale, London.

Hanson, J.A. and S. Kathuria (Eds.) (1999), India : A Financial Sector for the Twenty-first Century, Oxford University Press, New Delhi.

Harker, P.T. and S.A. Zenios (2000) (Ed.), Performance of Financial Institutions, Cambridge University Press, Cambridge.

Johnson, H.J. (1993), Financial Institutions and Markets, McGraw Hill, New York.

Khan, M.Y. (1996), Indian Financial System, Tata McGraw Hill, New Delhi.

Machiraju, M.R. (1999), Indian Financial Systems, Vikas Publishing House, New Delhi.

Ohlson, J.A. (1987), The Theory of Financial Markets and Institution, North Holland, Amsterdam.

Prasad, K.N. (2001), Development of India’s Financial System, Sarup & Sons, New Delhi.

Robinson, R.I. and D. Wrightman (1981), Financial Markets, McGraw Hill, London.

**Topics for assignments**

**M.A (Economics) SEMESTER-III**

**PUBLIC FINANCE**

**Unit-1**

1. Economic Rationale of Mixed Economy;

2. Fiscal Functions of the Government

**Unit-2**

4. Wagner’s law of increasing state activities,

5. Effects of public expenditure on production Economic Growth and distribution;