KLE Society's
LINGARAJ COLLEGE, BELGAUM
(Autonomous)

M.A. in Economics: III Semester
Compulsory Paper: Public Economics
(w.e.f. 2019-20 and onwards)
SYLLABUS

Teaching hours per week – 4   :   Maximum Marks   :   100 Marks
Semester End Examination   :   70 Marks
Internal Assessment   :   30 Marks

Course Outcome:
At the end of this course students will be able to:

1. Impart to the student a thorough understanding of the role and functions of the Government in a modern economy.
2. To help the student to understand the significance and implications of government's financial activities and their implications for growth and performance of the Economy.

Module 1: Public and Private Goods   **10 Hours**
Role of Government in Organized Society – changing perspective – Government in a Mixed Economy – Allocation, Distribution and Stabilization; Functions of the Government – Private Goods, Public Goods & Merit Goods – Market Failure: Imperfections, Decreasing costs,. Externalities –Public Goods as a Special case of Externalities Pareto–optimality and Market Equilibrium–Problems of Double Taxation

Module 2: Principles of Taxation   **10 Hours**
Taxation – benefit and ability to pay approach – Voluntary Exchange Model- Samuelson and Musgrave's Model of Impossibility of Decentralized Provision of Public Goods- Impact, incidence and shifting of tax- effects of tax on work effort and leisure – Excess Burden of Tax- – Laffer curve hypothesis.

Module 3: Public Choice   **10 Hours**
Voting and Public choice – Public Mechanism for Allocating Resources – Problems in Allocating Resources – Demand Revealing Schemes for Public Goods - Problems of Preference Revelation and Aggregation of Preferences- Voting Systems- Arrow's Impossibility Theorem- Sen's Theory of social choice - Economic Theory of democracy-Politico- Economic Bureaucracy – Rent Seeking and Directly Unproductive Activities.

Module 4: Public Policy   **10 Hours**
Rationale- Public Policy and Allocation of Resources –Clark, Groves and Ledyard's Model – Tiebout Model- Theory of Club Goods –Objectives of Budgetary Policy- Discretionary v/s Automatic Stabalization Policy- Social Goals: Poverty Alleviation- Correcting Distributional Inequalities, Regional Imbalances.

Module 5: Public Expenditure   **10 Hours**

         Theories of Public Expenditure: Wagner's Law of Increasing State Activities – Peacock- Wiseman Hypothesis- Criteria for Public Investment, Project Evaluation - Social cost- Benefit Analysis- - Estimation of costs, Discount Rate- Reforms in Expenditure Budgeting System.

Note: 10 Hours – Seminar Presentations, Group Discussion

Suggested Readings:
1. Anderson John E Public Finance: Principles and Policy, Houghton Mifflin Company, Boston.
2. Bagchi A : Reading in Public Finance, CUP, New Delhi
3. Hyman David N Public Finance- A Contemporary Application of Theory to Policy, Thomson South – Western Ohio, USA.
4. Hugh Dalton – ' Principles of Public Finance' Allied Publishers Pvt. Ltd.
5. Lekhi R.K – 'Public Finance' - Kalyani Publishers, NewDelhi.
6. Musgrave R.A & Musgrave P.A Public Finance in Theory and Practice, Mcgraw- Hill Kogakusha, Tokyo.
7. Om Prakash: Public Economics: Theory a practice, Vishal Publishing Co. Ludhiana.
8. Rao, Govind: Public Finance: Theory and Practice Essay in Honour of A..Bagchi, Sage Publications, New Delhi
9. S.K.Singh: Public Economics: Theory and Practice S. Chand and Co., New Delhi.
10. Tyagi B.P Public Finance, Jayaprakashnath and Company, Meerut, India.

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M.A. in Economics: III Semester
Compulsory Paper: International Economics
(w.e.f. 2019-20 and onwards)
SYLLABUS

Teaching hours per week – 4   :   Maximum Marks   :   100 Marks
Semester End Examination   :   70 Marks
Internal Assessment   :   30 Marks

Course Outcome:
At the end of this course students will be able to:

1. To enable the students to understand theories of international trade.
2. To facilitate the students to analyse the various aspects of trade policy.

Module 1: The International Trade Theory   10 Hours
Trade based on absolute advantage: Adam Smith – Trade based on Comparative Advantage: David Ricardo –Opportunity Cost Theory Mill's Reciprocal Demand – Demand Aspects in international trade and Terms of Trade – Heckscher – Ohlin Theory of Trade – Factor Price Equalization Theorem – Leontif's Paradox -Recent Theories of International Trade: Kravi's Theory of Availability and Kenne's Theory of Human Capital

Module 2: Technology and International Trade   10 Hours
Effects of trade on Growth and Capital Accumulation – The Rybczynski Theorem – Posner's Theory of Technological Gap- Technological Progress and Trade: Immiserising Growth – Krugman's , Linder's theories – Vernon's Theory of Product Cycle

Module 3: International Trade Policy   10 Hours
Terms of Trade – Concepts – Offer curves – Free trade v/s Protection Trade Tariffs– partial equilibrium and general equilibrium – optimum tariff – Non-tariff barriers – Quotas and Quantitative Restrictions– Voluntary Restraints – Technical, Administrative and other regulations – Dumping- Trade Policy for development

Module 4: Economic Integration   10 Hours
Need for Economic Integration- Static and dynamic benefits from Custom Union – Attempts of Economic Integration – The European Union – Economic Integration Among Asian Nations – ASEAN, SAARC- Performance and Progress – G20, G77, BRICS, Shanghai Convention.

Module 5: World Trade Organisation   10 Hours
WTO: Principles and Functions – Agreements – GATS, TRIPS and TRIMS- Issues and Challenges: International Environmental Conventions and Protocols, labour standards – International Mobility of Indian Labour - India and WTO.

Note: 10 Hours – Seminar Presentations, Group Discussion

Suggested Readings:
1. Kindleberger C.P International Economics, R.D Irwin, Heme wood
2. Mannur H.G. International Economics" Vikas Publishing House Pvt. Ltd. New Delhi.
3. Peter H.Lindert and Thomas A Pugel International Economics, Irwin, Chicago
4. Salvatore Dominick International Economics, Macnikan Publishing company, New York.
5. Sodersten and Geoffrey Reed "International Economics", Macmillan, Hampshire.

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M.A. in Economics: III Semester
Compulsory Paper: Research Methodology
(w.e.f. 2019-20 and onwards)
SYLLABUS

Teaching hours per week – 4	**:**	**Maximum Marks**	**:**	**100 Marks**
		Semester End Examination	**:**	**70 Marks**
		Internal Assessment	**:**	**30 Marks**

Course Outcome:
At the end of this course students will be able to:

1. To impart adequate knowledge of research methodology and project designing.
2. To develop original thinking and writing skills.

Module I: Research: Types and Methods   **10 Hours**

Social Science Research-Meaning and Scope – objectives – Scientific method – Deductive and Inductive Methods - Review of literature- Sources of literature.   Classification of Research – Descriptive vs. Analytical – Applied vs. Fundamental – Quantitative vs. Qualitative – Conceptual vs. Empirical – Exploratory – Diagnostic - Evaluation and Experimental Research – Historical Research – Surveys - Case Study – Field Study.

Module II: Research Process and Research Design   **10 Hours**

        Formulation and conceptualization of a research problem-objectives and hypotheses - Research Design – Meaning – Need for Research Design – Features of a good design. Collection of Data: Primary and Secondary Data – Schedules and Questionnaire- Census and Sampling methods: Types of Sampling

Module III: Estimation and Testing of Hypothesis   **12 Hours**

        Estimation and testing of hypothesis: Hypothesis: Meaning, types, characteristics, sources, formulation of hypothesis, errors in hypothesis testing, parametric and non-parametric tests: t test, F test, Z test, Chi square test for testing goodness of fit.

Module IV: Analysis of Variance: **10 Hours**

        Definition, Basic assumptions, ANOVA for one way classified data – assumptions and statement of linear model, splitting up of the total sum of squares into various components and preparation of analysis of variance tables and problems.

Module V: Report Writing   **08 Hours**

        Types of reports; steps in report writing; Format of the research report; Principles of writing, Documentation, foot notes, end notes and bibliography- Plagiarism: Meaning, Types and Consequences.

Note: 10 Hours – Seminar Presentations, Group Discussion

Suggested Readings:

1. Applied Statistics: V.K. Kapoor and D.C.Gupta
2. Business Research Methods: Murthy S.N.Publicaiton, New Delhi Excel Books 2008. 397p. Date:2008.
3. Cochran, W.G. "Sampling Technieuqs" John Wiley and Sons, New York.
4. Goode, William J and Hatt, Paul K "Methods in Social Research" McGraw-Hill Books Co. New York.
5. Krishnawamy O.R. and Ranghanathan, M. Methodology of Research in Social Sciences, Himalaya Publishing House, Bangalore.
6. R. Panneerselvam "Research Methodology" PHI Learning Private Limited, New Delhi
7. Research Methodology: Kothari C.R. Publication New Delhi New Age International 2004. 401p. Date 2004.
8. Sadhu, A.N.and Singh, Amarjit. "Research Methodology in Social Sciences" Himalaya Publishing House, Mumbai.
9. Statistical Method : S.P. Gupta
10. Sharma, BA V and others (Ed) "Research Methods in Social Sciences" Sterling Publishers, New Delhi
11. Thanulingom, N., "Research Methodology" Himalaya Publishing House Bangalore
12. Wilkinson, S. and Bhandarkar, P.L. "Methodology and Techniques in Social Research", Himalaya Publishing House, Bombay.

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M.A. in Economics: III Semester
Optional Paper: Econometrics
(w.e.f. 2019-20 and onwards)
SYLLABUS

Teaching hours per week – 4	:	Maximum Marks	:	100 Marks
		Semester End Examination	:	70 Marks
		Internal Assessment	:	30 Marks

Course Outcome:
At the end of this course students will be able to:

1. Develop the basic awareness about the fundamental concepts of econometrics.
2. Provide thorough and sound foundation to apply the applications of econometrics in Research.

Module-I: Introduction to Econometrics   **10 Hours**
Meaning, Nature and Scope of Econometrics -Divisions of Econometrics- Methodology of Econometric research- Nature and Sources of Data for Econometric Model.

Module-II: Simple Linear Regression Model   **10 Hours**
Historical Origin of the Term Regression-Modern Interpretation of Regression- Ordinary Least Square (OLS) Criterion and the normal Equations of OLS-Assumptions of linear Stochastic Regression Model- Test of Goodness of fit with r^2- Test of significance of parameter estimates.

Module-III Multiple Regression Model   **12 Hours**
Regression Models with Two Explanatory Variables- Coefficient of Multiple Determination (R^2)- Adjusted Coefficient of Determination ($\overline{R}^2$)Test of Significance of the parameter estimates- Analysis of Variance Approach (ANOVA) to Test the Overall Significance of Regression Model-Regression Using the Dummy Variables

Module-IV Problems of Regression   **12 Hours**
Multicollinearity: Nature of the Problem-Consequence of Multicollinearity- Detection of Multicollinearity-Remedial measures. Heteroscadsticity: Nature of the Problem- Consequence of Heteroscadsticity- Detection of Heteroscadsticity-Remedial measures. Autocorrelation: Nature of the Problem-Consequence of Autocorrelation- Detection of Autocorrelation -Remedial measures

Module-V Basic Time Series Analysis   **06 Hours**
Forecasting Methods- Stationary Time series Models- Box-Jenkins approach to ARIMA Modeling and Forecasting

Note: 10 Hours – Seminar Presentations, Group Discussion

Suggested Readings:

1. Badi H. Baltagi: Econometrics, Springer-Verlag Berlin Heidelberg, New York
2. Damodar Gujarati Basic Econometrics, Tata McGraw Hill Bombay
3. Jilia Hebden: Statistics for Economics, Heritage Publication, Oxford University Press.
4. Koutsoyiannis: Theory of Econometrics, McMillan Publication London.
5. Madani, G.M.K.: Introduction to Econometrics: Principles and applications, Oxford University, Publications.
6. Theil, H.: Introduction to Econometrics Prentice-Hall: Englewood Chiffs, NJ.

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M.A. in Economics: III Semester
Optional Paper: Rural Development
(w.e.f. 2019-20 and onwards)
SYLLABUS

Teaching hours per week – 4	:	**Maximum Marks**	:	**100 Marks**
		Semester End Examination	:	**70 Marks**
		Internal Assessment	:	**30 Marks**

Course Outcome:
At the end of this course students will be able to:

1. To enable the students to understand the concepts, the theories and the problems of rural development.
2. To analyse the pattern of economic diversification in rural areas.
3. To examine the role of infrastructure in rural development.

Module 1: Introduction to Rural Development   08 Hours

Concept of Rural Development, Objectives and Indicators of Rural Development; Characteristics of Rural Economy; Panchayat Raj Institutions and Rural Development- Rural-Urban Linkages-

Module 2: Theories and Approaches to Rural Development   10 Hours

Dualistic Models of Development- Lewis Model and Fei and Ranis Model; Gandhian Model; Rural Development Strategies in India.

Module 3: Poverty and Unemployment in Rural India   12 Hours

Rural Poverty- Concept, Measurement, Extent, Regional Pattern and Causes of Poverty; Rural Unemployment- Concept, Measurement and Types of Unemployment; Extent, Regional Pattern and Causes of Unemployment; Review of Poverty Alleviation and Employment Generation Programmes in India; MGNREGA- Poverty, Unemployment and Social Exclusion (UNDP's Approach)

Module 4: Diversification of Rural Economy   12 Hours

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

Module 5: Infrastructure for Rural Development   08 Hours

Rural Infrastructure- Meaning, Importance, Physical Infrastructures- Rural Energy; Rural Electrification; Irrigation and Flood Control; Rural Transport and Communication, Rural Banking and Insurance, Storage and Warehousing; Social Infrastructures- Educational and Health infrastructure; Housing and Sanitation; Drinking Water Supply; PPP Model and Rural Infrastructure Development; NGOs and Participative Development.

Note: 10 Hours – Seminar Presentations, Group Discussion

Suggested Readings:

1. Biradar, R.R.: Rural Non-Agricultural Employment in India: An Analysis of Its Determinants and Impact on Poverty and Inequality, Concept Publishing Company, New Delhi
2. Chadha, G. K. and A. N. Sharma (Eds): Growth, Employment and Poverty: Change and Continuity in Rural India, D K Publishers, New Delhi.
3. Chambers, R.: Rural Development: Putting the Last First, Longman, Harlow.
4. Dandekar, V.M. and N. Rath: Poverty in India, GIPE, Pune.
5. Dantwala, M. L.: Poverty in India: Then and Now, 1870-1970, Macmillan, Bombay.
6. Dantwala, M. L. and Others (Ed): Indian Agricultural Development since Independence: A Collection of Essays, Oxford and IBH Publishing Co.Pvt. LTd. New Delhi.
7. Gupta. K .R. (Ed): Rural Development in India, Atlantic Publishers and Distributors, New Delhi.
8. Jain, Gopal Lal: Rural Development, Mangal Deep Publications, Jaipur,.
9. Singh, Katar: Rural Development: Principles, Polices and Management, Sage Publications, New Delhi, (Second Edition).
10. Karalay, G. N.: Integrated Approach to Rural Development: Polices, Programmes and Strategies, Concept Publishing Company, New Delhi
11. Maheshwari, S. R.: Rural Development in India, Sage, Publications New Delhi.
12. Mehta, Shiv R.: Rural Development Polices and Programmes, Sage Publications, New Delhi.
13. Satya Sundaram, I.: Rural Development, Himalaya Publishing House, Delhi.
14. Tyagi, B. P.: Agricultural Economics and Rural Development, Jai Prakash Math and Co., Meerut.
15. Visaria, P. and R. Basant Ed): Non-Agricultural Employment in India: Trends and Prospects, Sage Publications, New Delhi.

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M.A. in Economics: III Semester
Open Elective Course: Karnataka Economy
(w.e.f. 2019-20 and onwards)
SYLLABUS

Teaching hours per week – 4   :   **Maximum Marks**   :   **100 Marks**
                                        Semester End Examination   :   **70 Marks**
                                        Internal Assessment   :   **30 Marks**

Course Outcome:
At the end of this course students will be able to:
1. To study the present Socio-economic position of Karnataka economy.
2. To identify the problems of the measuring adapted by the Govt. of Karnataka to redress them.

Module I: Introduction   **08 Hours**

Karnataka in the Indian Economy- Natural Resources – Trends in State income and Per-capita income –Net District product-Human Development in Karnataka-Anti-Poverty and Employment generation programmes.

Module II: Agriculture Development   **10 Hours**

Land use pattern in Karnataka-Trend in area, Production and yield of Major crops-Regional Pattern of Agricultural production – Horticultural/plantation crop, vegetables, fruits-floriculture-Sericulture-Live Stock economy-An analysis of Factors of agriculture growth (Institutional and Technological)-Agrarian Crisis.

Module III: Industry and Infrastructure   **10 Hours**

Industrial Development – Major industries of Karnataka-Policies and Programmes power availability and crises- Financial Institutions-Co-operatives, Commercial banks – RRBs-KSFC and KSIIDC-IT industry in Karnataka.

Module IV: State Finances   **10 Hours**

Trends in source of Finance-Revenue and Non-Revenue Sources-Shaping of Central Taxes and Grants-in Aid-Trend in expenditure pattern-development and non-development-Trends in Indebtedness of the State.

Module V: Regional Imbalances and Planning   **12 Hours**

Extent of Disparities, causes and consequences- Concept of Backward Area-criteria and Identification of backward areas – Measures to reduce imbalances – High Power Committee Recommendations – Objectives and Strategies of Planning – Targets and achievements of plans. Decentralized planning in Karnataka- Panchayat Raj –Planning machinery-Financing and implementation.

Note: 10 Hours – Seminar Presentations, Group Discussion

Suggested Readings:
1. Hemalatha Rao: Regional Disparities and Development in Karnataka
2. M.V.S. Gowda and D.T.N. Gowda: Economic Development of Karnataka – Leading issues.
3. Puttaswamaiah: Karnataka: A Treatise in Development and change Vol. I and II.