

Programme Code: PHD34

Programme Name: Ph.D. Economics

Course Code & Title	Pre-revised Curriculum 2012-13	Course Code & Title	Revised Curriculum 2021-22
	MA ECONOMICS: Ph.D. Course Work		MA ECONOMICS: Ph.D. Course Work
<p>COURSE CODE: PHD34T 101: Research Methodology and Computer Applications in Economics</p>	<p>Module 1: Foundations of Research: What is research-meaning and characteristics-Social Science research-Meaning and scope-Objectives-Research and theory-Conceptual and theoretical models-Need for research in Economics. Classification of research – Pure and Applied research, exploratory, Descriptive, Diagnostic, Evaluation, Action and Experimental research-Analytical Study-Historical research-Surveys-Steps in research</p> <p>Module 2: Planning and Objectives of Research: Identification of research problem-Review of literature and its importance-Hypothesis- Research Plan-Sampling techniques-Sample Design and choice of sampling techniques-Sample size-Sampling and non-sampling errors.</p> <p>Module 3: Data Tools and Field work: Meaning and importance of data-Sources of data-primary and secondary data sources-Methods of data collection-Qualitative and quantitative methods. Data sources for economics-Construction of schedules and questionnaires for studies relating to economics. Administration of field</p>	<p>COURSE CODE: PHD34T 101: Research Methodology and Statistical Methods</p>	<p>Module 1: Foundations of Research Research-Meaning and Characteristics-Social Science Research- Meaning and Scope-Objectives-Research and Theory-Conceptual and Theoretical Models; Need for Research in Economics; Classification of Research-Pure and Applied Research, Exploratory, Descriptive, Diagnostic, Evaluation, Action and Experimental Research, Analytical Study, Historical Research, Survey Method, Case Study, Field Study; Steps in Social Science Research.</p> <p>Module 2: Planning and Objectives of Research Identification of Research Problems-Review of Literature and its Steps and Importance; Formulation of Research Objectives and Hypotheses; Research Plan-Sampling Techniques-Sample Design and Choice of Sampling Techniques- Probability and Non-Probability; Sample Size-Sampling and Non-sampling Errors.</p> <p>Module 3: Operationalizing Research Data- Meaning, Types and Sources; Methods of Data Collection-Qualitative and Quantitative Methods; Tools of Data Collections- Households Interview Schedule, Questionnaires, Observationnaire, Check list; Administration of Fieldwork and Data Entry-Editing, Classification and Coding, Transcription, Tabulation Graphic Representation; Research Report Writing-Types of Reports, Report Format, Principles of Report Writing- Footnotes and Endnotes-Bibliography/References</p> <p>Module-4: Theoretical Distributions and Testing of Hypotheses Descriptive vs Inferential Analysis – Descriptive Analysis of Univariate Data and Bivariate Data – Approaches to</p>

Course Code & Title	Pre-revised Curriculum 2012-13	Course Code & Title	Revised Curriculum 2021-22
	<p>work. Introduction-Editing-classification and Coding-Transcription –Tabulation Graphic representation-Using models for the analysis of the quantitative data.</p> <p>Module 4: Data Analysis Construction of Frequency, Generating Graphs-Histogram, Pie Charts, Bar Graphs, Calculation of Probability, Calculation of Mean and Variance, Hypothesis Testing. Estimation of Simple Regression Line, Estimation Correlation Coefficient, Zero Correlation Matrix, Estimation of Values through Multiple Regression and Analysis. Test of Statistical Significance-X^2 Test, T Test, F Test, Anova Test, Construction of Price Indices, Deflating a Series by Price Indexes, Time Series Analysis and Forecasting.</p> <p>Module 5: Report Writing Types of reports-planning report-writing-research report format-principles of writing report-Documentation: Footnotes and endnotes-bibliography/references-writing report-Evaluation of research report.</p>		<p>Estimation – Point and Interval Estimation. Probability: Theories of Probability Distribution – Normal Distribution – ‘t’ Distribution – Chi-square Distribution and ‘F’ Distribution. Testing of Hypotheses: Concepts – Steps in Testing of Hypotheses: ‘Z’ Test –‘t’ test –Chi-square test and – ‘F’ Test.</p> <p>Module-5: Testing of Means and Variances</p> <p>Testing of Means: Test of Single Sample Mean –two independent Means Tests – Testing for Means of Paired Data – ANOVA – Testing for the Equality of ‘K’ Population Means. Testing of Variance: Test of Single Sample Variance – Two Sample Variance Test – Assumptions for Analysis of Variance – Testing of Population Variance – Comparing the Variance of Estimates. Non-parametric Tests: Advantages & Disadvantages –Chi-square tests – Tests for Randomness.</p>
Paper II: Advanced	Module- 1: History of Development and Planning: Alternative Development	COURSE COE: PHD4T 102:	Module-1: Correlation and Regression Techniques

Course Code & Title	Pre-revised Curriculum 2012-13	Course Code & Title	Revised Curriculum 2021-22
<p>Indian Economics</p>	<p>Strategies – goal of self reliance based on import substitution and protection, the post 1991 globalisation strategies based on stabilization and structural adjustment packages: fiscal reforms, financial sector reforms and trade reforms.</p> <p>Module -2: Poverty, Unemployment, Human Development and Urbanization: Estimates of inequality and poverty measures for India, appraisal of Government measures, India’s human development record in global perspective. India’s population policy and development. Different types of migratory flows and their impact on the economies of their origin and destination, the process of growth of urban settlements; urban development strategies.</p> <p>Module-3: Agriculture and Rural Development Strategies: Technologies and institutions, land relations and land reforms, rural credit, modern farm inputs and marketing – price policy and subsidies; commercialization and diversification. Rural development programmes including poverty alleviation programmes, development of economic and social infrastructure and MGNREGS</p> <p>Module-4: Industry: Strategy of Industrial development: Industrial Policy Reforms; Reservation Policy relating to small scale industries. Competition policy, Sources of industrial finances. Bank, share market,</p>	<p>Econometrics through Econometrics Software (Core Course) (New Course)</p>	<p>Introduction – Partial Correlation and Multiple Correlations – Methods of Estimation – Simple v/s Multiple Regression Model – Estimation and Hypotheses Testing – Goodness of Fit –</p> <p>Model- 2 Problems of Regression Multicollinearity – Heteroscedasticity – Autocorrelation – Factor Analysis – Discriminant Analysis – Cluster Analysis – Multidimensional scaling –Testing of Error Term and Testing of Regression Coefficients.</p> <p>Model-3 Panel Data Regression Models Panel Data, Pooled OLS Regression or Constant Coefficients Model, The Fixed Effect Least-Squares Dummy Variable (LSDV), The Fixed-Effect Within-Group (WG) Estimator. The Random Effects Model (REM), <i>Breusch and Pagan Lagrange</i> Multiplier Test. Properties of Various Estimators. Fixed Effects versus Random Effects Model.</p> <p>Module-5 Time Series Analysis</p> <p>Introduction – stochastic Process – Stationarity and Non-Stationarity – Trend Stationary and Difference stationary stochastic process – Spurious Regression – Unit-root tests – Augmented Dickey Fuller Test (ADF) PP Test –KPSS Test – Ng Perron Test – Co Integration – Testing for Co-integration –EG test – Johansen test – Error Correction Models (ECM).</p> <p>Model-5 Time Series Econometrics: Forecasting Approaches to Economic Forecasting , <i>Exponential</i></p>

Course Code & Title	Pre-revised Curriculum 2012-13	Course Code & Title	Revised Curriculum 2021-22
	<p>insurance companies, pension funds, non-banking sources and foreign direct investment, role of foreign capital for direct investment and portfolio investment, Public Sector reform, privatization and disinvestments.</p> <p>Module-5:Labour: Employment, unemployment and under-employment, industrial relations and labour welfare – strategies for employment generation – Urban labour market and informal sector employment, Report of National Commission on Labour, Social issues relating to labour e.g. Child Labour, Bonded Labour, International Labour Standard and its impact.</p> <p>Module-6: Money, Banking and Price Situation: Financial sector reforms, Organisation of India’s money market, changing roles of the Reserve Bank of India, commercial banks, development finance institutions, foreign banks and non-banking financial institutions, Indian capital market and SEBI, Development in Global Financial Market and its relationship with Indian Financial Sector.</p> <p>Inflation: Definition, trends, estimates, consequences and remedies (control): Wholesale Price Index, Consumer Price Index: components and trends.</p> <p>Module-7: Budgeting and Fiscal Policy: Tax, expenditure, budgetary deficits,</p>		<p><i>Smoothing Methods.</i> <i>Single-Equation Regression Models Simultaneous-Equation Regression Models . ARIMA Models VAR Models . AR, MA, and ARIMA Modeling of Time Series Data.</i>The Box–Jenkins (BJ) Methodology. Identification, Estimation of the ARIMA Model , Diagnostic Checking . Vector Autoregression (VAR) Measuring Volatility in Financial Time Series: The ARCH and GARCH Models <i>Durbin–Watson d and the ARCH Effect</i></p>

Course Code & Title	Pre-revised Curriculum 2012-13	Course Code & Title	Revised Curriculum 2021-22
	<p>pension and fiscal reforms, Public debt management and reforms, Fiscal Responsibility and Budget Management (FRBM) Act, Black money and Parallel economy in India definition, estimates, genesis, consequences and remedies.</p> <p>Federal Finance: Constitutional provisions relating to fiscal and financial powers of the states, Finance Commissions and their formulae for sharing taxes, Financial aspect of Sarkaria Commission Report, Financial aspects of 73rd and 74th Constitutional Amendments.</p> <p>Module-8: Foreign Trade: Sailable features of India's foreign trade, composition, direction and organization of trade, recent changes in trade policy, balance of payments, tariff policy, exchange rate, India and WTO requirements.</p> <p>Recommended Reading:</p> <ol style="list-style-type: none"> 1. Ahluwalia. I. J. and M. D. Little (Eds)(1999): India's Economic Reforms and Development (Essays in Honor of Manmohan Singh) OUP, New Delhi. 2. Brahmananda P. R. and V. R. Panchamukhi (Eds)(2001), Development Experience in the Indian Economy: Inter-State Perspectives, Bookwell, New Delhi. 3. Chakravarty, S. (1987): Development Plans: The Indian Experience, OUP, New Delhi. 		

Course Code & Title	Pre-revised Curriculum 2012-13	Course Code & Title	Revised Curriculum 2021-22
	<p>4. Dhingra I. C. (2002): Indian Economy S.Chand New Delhi.</p> <p>5. Dutt R and KPM Sundharam (2002): Indian Economy: S.Chand New Delhi.</p> <p>6. Government of India, Economic Survey (Annual), Ministry of Finance, New Delhi.</p> <p>7. Hanumantha Rao C.H. and H.Linnemann (Eds)(1996): Economic Reforms and Poverty Alleviation in India Sage, New Delhi.</p> <p>8. Jalan B. (1996), India's Economic Policy- Preparing for the Twenty first Century, Viking New Delhi.</p> <p>9. Misra S.K.and V.K.Puri, (2001): Indian Economy, Himalaya, Publishing house Mumbai.</p> <p>10. Rangarajan C. (1998): Indian Economic Essays on Money and Finance UBS, Delhi.</p> <p>11. Sandesara. J.C. (1992) Industrial Policy and Planning, 1947-1991: Tendencies, Interpretations and Issues, Sage, New Delhi.</p> <p>12. Sen,R.K.and B.Chatterjee(2001): Indian Economy: Agenda for 21st Century (Essays in Honour of Prof.P.R.Brahmananda), Deep & Deep, New Delhi.</p>		
		COURSE CODE:	Module – 1: Introduction;

Course Code & Title	Pre-revised Curriculum 2012-13	Course Code & Title	Revised Curriculum 2021-22
		<p>PHD34T 103A: Paper-III: Background Paper (Area of Research): Environmental Economics</p> <p>(New Course) Miss. Yogita K.S.</p>	<p>Meaning, Concepts, Significance of Environment; Nature, Scope and Importance of Environmental Economics; Characteristics of Environmental Economics; Simon Kuznets environmental Curve, Coase Property Rights, Laws of Thermodynamics, Pigovian Taxes.</p> <p>Module – 2: Environmental Pollution and Environmental Policy in India; Pollution as Externality; Extent Causes and Consequences of Degradation of Land, water Forests and Air; Common Property Resources; Contribution and Management; Environmental Regulation in India; Design, Monitoring and Enforcement.</p> <p>Module – 3: Introduction of Mangroves; Meaning, Definition, Nature and Scope of Mangrove Forest; Environmental impact in coastal area; The Historical Background of Mangrove Forests; Direct and Indirect Uses of Mangroves; Socio-Economic benefits of Mangroves towards Sustainable Development.</p> <p>Module – 4: Evaluation of Environment ; Alternative methods of valuing costs of Environmental damage and benefits of environmental Improvement; Objective, Subjective direct and indirect methods; Environmental Impact Assessment; integrated economic Environmental Accounting.</p> <p>Module – 5: Environmental Policy Measures with special reference to Mangroves; Basic approaches to environmental Policy-Distributive effects of environmental policy:Cost-benefit Analysis: Coastal regulation zone policy on Mangroves</p>
		<p>COURSE CODE: PHD34T 103B: Paper-III:</p>	<p>Module-I Introduction Agriculture: Meaning, scope, nature, importance of agriculture, and problems of agriculture in India. Role of</p>

Course Code & Title	Pre-revised Curriculum 2012-13	Course Code & Title	Revised Curriculum 2021-22
		<p>Background Paper (Area of Research): Agriculture Economics (MNCs) (New Course) Miss. Roopa Churi</p>	<p>Agriculture in developing economy, changing phases of Agriculture in economic development: modernization of Agriculture, commercialization of agriculture.</p> <p>Module-II Models of Agricultural Development Schultz's Transformation of Traditional Agriculture: attributes of traditional agriculture, zero marginal productivity Mellor's Model of Agricultural Development: agriculture development phases, critical evaluation Todaro's Model of Rural Urban Migration and Unemployment Cobb-Douglas Theory of production function</p> <p>Module-III Agricultural Finance: Need for agricultural finance, extent of agricultural finance, Types and sources of agriculture finance, problems of agricultural finance, Suggestion to improve agriculture economics.</p> <p>Module-IV Agriculture Market: Present system of Indian agriculture marketing, types of agriculture market, need for efficient marketing system, importance and problems of Indian agriculture market, process of agri-marketing.</p> <p>Module-V Green revolution and new agricultural strategy: Meaning and impact of Green Revolution. Types of technology and mechanization involved in agriculture. MNC's: role of MNC's in Indian agriculture. Contract Farming as future system of Indian Farming. Government plans and polices and programs of Agriculture development.</p> <p>References: 1] <i>R.K.Lekhi and Joginder Singh,"Agricultural</i></p>

Course Code & Title	Pre-revised Curriculum 2012-13	Course Code & Title	Revised Curriculum 2021-22
			<p><i>Economis"</i> 2]Charan D. Wadhwa, "Some Problems of Indian Economic Policy". 3]David Lehmann(ed), "Agrarian Reforms and Agrarian Reformism" 4]Dr.B.P.Tyagi, "Agricultural Economics and rural Development" 5]Cr.Kotovskyy,"Agrarian Reforms in India". 6]Planning Commission-Reports related to Agricultural Development.</p>
		<p>COURSE CODE: PHD34T 103C: Paper-III: Background Paper (Area of Research): International trade and spice export of India</p> <p>\Name of the Ph.D Scholar:</p> <p>Miss Miss Shilpa Ramanagoudar Year 2018 (New Course)</p>	<p>International trade and spice export of India</p> <p>Model -1 : Introduction to International Trade Importance of International Trade , Scope of the International trade , International Trade and Indian Economy ; Role of International Tarde in Indian Agriculture .</p> <p>Model-2 : Spice Export of India Trend, Composition, Direction and Competitiveness of India's International Trade. Trend, Composition, Direction and Competitiveness of India's Spice Trade</p> <p>Model 2 : Theory of International Trade The Pure theory of International Trade – Theories of Absolute Advantage, Comparative Advantage and Opportunity costs ; Empirical Testing Absolute Cost and Comparative Cost – Heckscher – Ohlin Theory of Trade – A Model of Two factor Economy.</p> <p>Model 3: International trade organization and Regional Economic Co - Operation International Economic Institutions GATT and WTO ; WTO and its impact on Indian Economy, IMF IBRD , TRIPS, TRIMS . NAFTA , LAFTA, The European Union</p>

Course Code & Title	Pre-revised Curriculum 2012-13	Course Code & Title	Revised Curriculum 2021-22
			<p>(EU) and Asia - Pacific Economic Cooperation (APEC). Impact of WTO on India's Total trade and Spice trade of India.</p> <p>Model 4 : India and International Trade Policy Instruments of Trade Policy – Tariffs , Classification of Tariffs , Effect of Tariff ; Optimum Tariff Quotas , Effect of Quotas ; Tariffs Versus Quotas ; Dumping ; Other Instruments of Trade Policy. India's trade policy and impact on spice trade.</p> <p>Model 5 : Economic Growth and International Trade Economic Growth and International Trade , Trade as a Engine of Growth ; Intra Industry Trade and Its Measurement . Impact of India's trade on its growth, employment, and macro-economic stability</p> <p>Book for Reference Soderstion. B.O. (1991), International Economics, The Macmillan Press Ltd. London. Salvatore D (1997), International Economics, Prentice Hall Upper Saddle River N.J. New York. Kindleberger C.P. (1973), International Economics, R.D Irwin Homewood. King P.G (1995), International Economics and International Economic Policy, A Reader McGraw Hill, Singapore. Krugman, P.R. and M. Obstfeld (1994), International Economics: Theory and Policy, Glenview, foreman. Mannur, H G, (2011), International Economics, Vikas Publishing House, New Delhi.</p>
		COURSE CODE:	

Course Code & Title	Pre-revised Curriculum 2012-13	Course Code & Title	Revised Curriculum 2021-22
		<p>PHD34T 103D: Paper-III Background Paper: INTERNATIONAL TRADE & MULTILATERAL TRADE AGREEMENTS</p> <p>Name of the Ph.D Scholar:</p> <p>Miss Asha M Goudar Year 2019</p> <p>(New Course)</p>	<p>Module 1: Introduction to International Trade Inter-regional trade and International trade -Nature of International Trade- Importance/scope of International trade-India and International Trade.</p> <p>Module 2: Theory of International Trade The pure Theory of International Trade-Theories of Absolute Advantage, Comparative Advantage and Opportunity cost; Empirical Testing of absolute cost and comparative Cost-Heckscher -Ohlin Theory of trade. A model of two factor economy; Theorems of Factor price Equalizations; Stolper-Samuelson theorem-Rybczynski theorem;</p> <p>Module 3: Balance of Payments Meaning and components of Balance of payments; Equilibrium and Disequilibrium in the BOP; Adjustment Mechanism of BOP; Causes of Disequilibrium; Removal of Disequilibrium</p> <p>Module 4: International Trade Policy Instrument of Trade-Tariffs, Classification of Tariffs; Effects of Quotas; Tariffs versus quotas; Dumping; Other instruments of Trade policy</p> <p>Module 5: International Trade Organization and Regional Economic Co-Operations International Economic Institutions-GATT; WTO-Functions, Objectives, Agreements, TRIPS, TRIMS; IMF, IBRD, NAFTA, LAFTA</p> <p><u>Books for Reference</u> Salvatore D (1990): International Economics, Macmillan Publication. Soderstein, B (1993): International Economics, Macmillian, London. M.L. Jhingan (2016): International Economics, Vrinda Publication. India.</p>

Course Code & Title	Pre-revised Curriculum 2012-13	Course Code & Title	Revised Curriculum 2021-22
			Kindleberger,C.P.(1976):International Economics,R.D.Irwin Homewood
		<p>COURSE CODE: PHD34T 103E: Paper-III: Background Paper (Area of Research): Agricultural Economics (Dry Land Farming and Krishi Honda) (New Course) Mahesh Lambani</p>	<p>Module 1: Agriculture in Economic Development: Economics Defined; Economics versus Agricultural economics; Schultz and Mellor’s theories of Agricultural Development; Role of Agriculture in Economic Development; Agriculture in India’s Economy.Agriculture Problems in India.And problems of dry land forming in Karnataka.</p> <p>Module 2: Production of Agriculture: Production Function in Agricultural; Basic Principles of Crop Production; Classification of Crop and their Origin; Soil and Climate Requirements; Cropping Pattern in India; and Crop Insurance; Cropping and forming System.</p> <p>Module 3: Strategy of Agricultural Development: Resource Allocation and Capital Formation; Infrastructure for Agricultural Development; Agricultural Planning in India; Agricultural Credit and Land Reforms in India; Development of Irrigation and New Agricultural Technology in India; Agricultural Policy; Agricultural Subsidies in India.</p> <p>Module 4: Dry Land Farming in Karnataka: Definitions, Concept and Characteristics of Dry Land forming; Marketing Functions and Marketing Efficiency; Structure of a agricultural Market; Significance or Important of Dry land Forming in Karnataka or in India</p> <p>Module 5: Krishi Bhagya Scheme in Karnataka: Introduction; krishi Honda Meaning, and important; Concept of Irrigation; Difference between Irrigation and Krishi Honda; Water Resources in Karnataka; Water management Dry Land Forming versus of Rain feed;</p>

Course Code & Title	Pre-revised Curriculum 2012-13	Course Code & Title	Revised Curriculum 2021-22
			<p>Reading List:</p> <ol style="list-style-type: none"> 1. Acharya, S.S. and N.L.Agarwal (1987): Agriculture Marketing in India, Oxford & IBH, New Delhi. 2. Dandekar V.M. (1994): The Indian Economy: 1947-1992 Agriculture Sage, New Delhi. 3. Dantawala, M.L, M.L. (1996): Dilemmas of Growth: The Indian Experience Sage, New Delhi. 4. Dantawala, M.L. (Ed) (1991): Indian Agricultural Development Since Independence, Oxford & IBH, New Delhi. 5. R.K. Sharma, A.P.Singh and R.S.Maitry: Guide for Agricultural Competitive Examination DPHDelhi6.David L. Debertin. Agricultural Production Economics Second Edition7. Gordan G. 1992. System Simulation. 2nd Ed. Prentice Hall
		<p>COURSE CODE: PHD34T 103F: Paper-III: Background Paper (Area of Research): 3: PUBLIC FINANCE</p> <p>(New Course) Hemant</p>	<p>Module – 1: Introduction Public Finance: Meaning, Nature, Scope and Importance – Difference between Private and Public finance – Principles of Maximum Social Advantage – Role of Public Finance in Economic Development.</p> <p>Module – 2: Public Revenue Public Revenue, Sources of public revenue (Centre, State & Local), Taxation and nontaxation, direct and indirect taxes: - Merits and demerits – Cannons of taxation – Incidence of taxation – Taxable capacity – Optimal taxation (Laffer Curve) – Recent tax reforms (VAT & GST – Kelker Committee recommendation).</p> <p>Module – 3: Public Expenditure Public Expenditure Meaning – Classification of public expenditure plan and non-plan development – Development and non-development – Wagner law, Role and effects of public expenditure in economic development – Causes for increasing public expenditure in recent years in India – Recent reforms to</p>

Course Code & Title	Pre-revised Curriculum 2012-13	Course Code & Title	Revised Curriculum 2021-22
			<p>control public expenditure. Module – 4: State Finances of Karnataka Features of Karnataka Economy – Budget of the Government of Karnataka (Previous Financial Year) – Fiscal Scenario of Karnataka Economy – Problems and Prospects of Karnataka Economy – Fourth State Finance Commission Recommendations.</p>
		<p>COURSE CODE: PHD34T 103G: Paper-III: Trends and Patterns of Public Revenue and Expenditure: A Study of Karnataka State (New Course) Mr. M.D.Mattimani</p>	<hr/> <p>Unit- I: <u>Introduction to Public Economics</u> Nature, Scope and Importance of Public Finance; Public and Private Finance- Similarities and Dissimilarities: Concept of Public and Private Goods; Functions of Public Finance; Goods: Principle of Maximum Social Advantage. Unit-II: <u>Public Revenue in Karnataka</u> Meaning and Significance of Public Revenues; Sources of Public Revenues in Karnataka; Tax Revenue; Direct Taxes; Indirect Taxes, Merits and Demerits of Direct and Indirect Taxes: Non-tax Revenue; Concept of Progressive, Regressive, Proportional and Digressive Taxes; shining and Incidence of Taxes; Trends and Patterns of Public Revenue in Karnataka. Unit- III: <u>Public Expenditure in Karnataka</u> Meaning and Types of Public Expenditure; Heads of Expenditure of Government of Karnataka; Cause for Growing Public Expenditure and its Effects; Role of Public Expenditure in Economic Development of Karnataka; Wagner’s views on Public Expenditure; Trends and Patterns of Public Expenditure in Karnataka. Unit-IV: <u>Public Debt and Deficit Financing in Karnataka</u> Meaning. Objectives. Types and Burden of Public Debt: Causes for Growth of Public Debt and Methods of Redemption of Debt: Public Dept of Karnataka; Trends</p>

Course Code & Title	Pre-revised Curriculum 2012-13	Course Code & Title	Revised Curriculum 2021-22
			<p>and Patterns of Public Debt in Karnataka; Meaning, Objectives, Role, Effects and Limits of Deficit Financing;.</p> <p>Unit- V: <u>Public Budget and Fiscal Policy in Karnataka</u></p> <p>Meaning. Types and importance of Public Budget; Budget Preparation and Process in Karnataka; Budgetary Deficits-Fiscal Deficits - Primary Deficit Revenue Deficits; Zero- Based Budgeting; Fiscal Policy- Meaning, Objectives and Tools; Fiscal Policy of the Government of Karnataka.</p> <p><u>References:</u></p> <ol style="list-style-type: none"> 1. Agarwal, R.C. : Public Finance: Theory and Practice, Lakshmi Narain Agarwal Publication, Agra. 2. Musgrave. R. A and Musgrave P.A.: Public Finance in Theory and Practice, Mcgraw- Hill Kogakkusha Publication , Tokyo. 3. Om Prakash : Public Economics: Theory and Practice, Vishal Publishing Co.Ludhiann. 4. Singh. S.K. :Public Economics: Theory and Practice, S. Chand and Co., New Delhi. 5. Tyogi, B. P (2016): Public Finance, Jai Prakash Nath and Company, Meerut, India.
		<p>COURSE CODE: PHD34T 103H: Paper-III: Background Paper (Area of Research): Public Finance</p>	<p>Model 1 Introduction</p> <ol style="list-style-type: none"> 1.1 Meaning and Definitions of Public Finance, Scope of the Public Finance, Importance of Public Finance. 1.2 Role of Governments and Functions. 1.3 Public Finance and Economic System <p>Model 2 Public Revenue and Expenditure</p>

Course Code & Title	Pre-revised Curriculum 2012-13	Course Code & Title	Revised Curriculum 2021-22
		(New Course)	<p>2.1 Concept of Public Revenue, Sources of Public Revenue, Classification of Public Revenue.</p> <p>2.2 Recent Trends and Patterns of the Public Revenue of the Central Government of India</p> <p>2.3 Origin of Public Expenditure, Scope of Public Expenditure, Objectives of Public Expenditure, cannons of Expenditure and principles of Expenditure, Theories of Public Expenditure (Wagner's Hypothesis, Peacock-Wiseman hypothesis and Colin Clark).</p> <p>2.4 Growth, Structure and Control of Public Expenditure in India</p> <p>Model 3 Public Debt</p> <p>3.1 Meaning and Definitions of Public Debt, Reasons for Incurring Public Debt, Objectives of Public Borrowings, Sources of Public Debt: Internal and External Sources</p> <p>3.2 Economic Effects of Public Debt and Concept Burden of Public Debt</p> <p>3.3 Public Debt Management: Objectives, Principles and Why Public Debt Management is Necessary?</p> <p>3.4 Recent Trends and Patterns of the Public Debt in India and Does India Face Debt Trap? How Does India Manage its Public Debt?</p> <p>Model 4 Public Debt</p> <p>4.1 Classical Views on Public Debt</p> <p>4.2 Neo Classical Views on Public Debt</p> <p>4.3 Keynes Views on Public Debt</p> <p>4.4 Post Keynesian Views on Public Debt</p> <p>Model 5 Fiscal Policy</p> <p>5.1 Concept of Fiscal Policy, Objectives of Fiscal Policy and Instruments of Fiscal Policy.</p>

Course Code & Title	Pre-revised Curriculum 2012-13	Course Code & Title	Revised Curriculum 2021-22
			<p>5.2 Fiscal Policy in a Developing Economy: Fiscal Policy and Mobilization of Resources, Objectives of Fiscal Policy in a Developing Economy.</p> <p>5.3 Fiscal Crises and Fiscal Reforms in India: Fiscal Imbalance since 1990-91, Factor Responsible for Fiscal Deficit in India, Measures to Control Fiscal Deficit.</p> <p>5.4 FRBM (Fiscal Responsibility and Budget Management) Act 2003</p> <p>References</p> <ol style="list-style-type: none"> 1. OM Parkash (2014-15): <i>“Economics of Public Finance”</i>. Published by Vishal Publishing Co. Jalandhar-Delhi 2. Arvind Panagariya (2008): <i>“India: The Emerging Gaint”</i>.Published by Oxford University, New Delhi. 3. Uma Kapila (2003-2004): <i>“Indian Economy since Independence”</i>. Published by Academic Foundation New Delhi. 4. K. P. M. Sundharam (1986): <i>“Money, Banking, Trade and Finance”</i>. Published by Sultan Chand & Sons Daryanganji, New Delhi. 5. M. Govinda Rao & Anwar Shah (2009): <i>“States Fiscal Management and regional Equity An Overview”</i>. Published by Oxford University, New Delhi.
		<p>COURSE CODE: PHD34T 103I: Paper-III: Background Paper (Area of Research): ECONOMICS OF</p>	<p>Module 1: Introduction of Health Economics Concept of Health, Economics of Health; Scope of Health Economics, Importance of Health Economics; Determinants of Health – Poverty, Income, Socio-Economic Condition of People; Indicators of Health</p> <p>Module 2: Malnutrition and Child Health</p>

Course Code & Title	Pre-revised Curriculum 2012-13	Course Code & Title	Revised Curriculum 2021-22
		<p>HEALTH (New Course)</p>	<p>Meaning, Definition of Malnutrition; Cases and Consequence of Malnutrition; Measures of Malnutrition, Nutrition and Child Health; Health and Economic Growth</p> <p>Module 3: Health and Economic Growth</p> <p>Health care Services in India; Primary Health Care Centres-Its Importance, Major Child Health Programmes in India – ICDS, NRHM; Nexus between Health and Economic Growth</p> <p>Module 4: Health Insurance and Evaluation of Health Care Services</p> <p>Health Insurance – Concept, Schemes and Progress; Expenditure on Health in India – Public and Private Expenditure; Evaluation of Health Care Services, Economic – Reforms and Health Sector</p> <p>Module 5: Economic Development and Health Attainments in India</p> <p>Life Expectancy – Concept, Male Female and Rural Urban Life Expectancy, Infant Mortality Rate – Concept and Trends in Infant Mortality Rates; Child Mortality Rate – Concept, Trends in Child Mortality Rates; Crude Birth Rate and Crude Death Rate; Nexus between Health and Economic Development</p> <p style="text-align: center;">Reference</p> <p>Feldstein, N.S, <i>Economic Analysis of Health Services Efficiency</i>, Amsterdam; North Holland.</p> <p>Folland, Sherman, Allen C Goodman and MironStano, <i>The Economics of Health and Health Care</i>, Prentice – Hall, New Jersey.</p> <p>GOI, <i>National Health Policy</i>, Ministry of Health and Family Welfare, New Delhi.</p> <p>GOI, <i>National Family Health Survey</i>, Ministry of Health and Family Welfare, New Delhi.</p>

Course Code & Title	Pre-revised Curriculum 2012-13	Course Code & Title	Revised Curriculum 2021-22
			<p>Heggade, Odeyar, D, <i>Hospital Management</i>, Mohit Publications, New Delhi.</p> <p>Svedberg, Peter, <i>Poverty and Undernutrition Theory Measurement and Policy</i>, Oxford University Press, New York.</p>