Syllabus

(to be effective from June 2016)

Subject: Economics

Programme: M. A.

(M. A. Economics-Regular & External CBCS)

Faculty: Faculty of Arts
Syllabus for M.A. Economics (Regular & External) Programme

Faculty of Arts, Saurashtra University, Rajkot

(with effect from June 2016)

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Semester one : Total 20 credits (Three Core Courses + Two Electives courses)
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Semester Two : Total 20 credits  (Three Core Courses + Two Electives courses )

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Semester Four : Total 20 credits (Three Core Courses + Two Inter Disciplinary Courses)

Note:-
1. Abbreviation:
   OCT = Core Course
   ECT = Elective Course (Two courses to be taken in each of First and Second Semesters)
   ICT = Elective / Inter / Multi Disciplinary Course (Two courses to be taken in each of Third and Fourth Semesters)
2. This is for Regular and External MA Economics Programme
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics
Course Name: Micro Economics-1 No.: CORE-I-01
Course Unique Code: 1601250102010100
Semester End Exam Time Duration: Regular 2:15 hrs. External 3.00 hrs.

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Course Objectives:
- This course analyses the economic behaviour of individuals, firms and markets.
- It is mainly concerned with the Objectives of equipping the students in a rigorous and comprehensive manner with the various aspects of consumer behaviour and demand analysis, production Theory and behaviour of costs, the Theory of traditional markets and equilibrium of firm in modern non-profit maximizing framework.

Course Contents:
Unit – I

Unit – II
Production function-Isoquants, returns to factor and returns to scale, factor substitution, multiproduct firm, Cobb-Douglas production functions and its properties. Theories of cost, Short-run and Long run Cost Curves. Derivation of cost functions from production functions. Derived demand for factors.

Unit – III

Unit – IV
Alternative Theories of the firm :- Models of Baumol, Marris, Williamson, Bain, Full Cost Pricing Models and Behavioralmodels of Cyert and March.

Text and Reference Books:
3. Heathfield & Wibe : An Introduction to Cost and Production Functions.
4. Layard & Walters: Microeconomics Theory
8. Ahuja, H L : Advance Economic Theory, S Chand & Co, New Delhi
Subject: Economics
Course Name: Macro Economics-1 No.: CORE-I_02
Course Unique Code: 1601250102010200
Semester End Exam Time Duration: Regular 2:15 hrs , External 3.00 hrs.

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Course Objectives:-
- Macroeconomic / aggregative economic analyses have great importance in the days of new economic reforms. So macroeconomics is very important to understand macroeconomic policies to the students of this subject.
- Because it establishes the functional relationship between the large aggregates.
- It is essential to analyze the macroeconomic theoretical structure, which is considered for the proper comprehension of the different issues and policies.
- Macroeconomics now is not only a scientific method of analysis, but also a body of empirical economic knowledge.
- This paper equips the students at the postgraduate level to understand systemic facts and latest theoretical developments for empirical analysis.

Course Contents:


**Unit-3:** Theory of Investment: Meaning and determinants of investment- Marginal efficiency of capital (MEC) and investment: Long and Short run shifts in investment functions- Interest-elasticity of investment- impact of inflation- Influence of policy measures on investment- Multiplier and acceleration: empirical evidence- Capital-output ratio approach.

**Unit-4:** Demand for Money and Supply of Money: The concept- The Transaction demand- The Asset demand for money: Keynesian and Classical approaches- Wealth approach- Post-Keynesian Theories of demand for money: Friedman's Restatement of Quantity Theory, Modigliani's approach- Recent development in the Theory. Supply of Money The concept and constituents- Bank money and bank multiplier- Money multiplier Exogenous and endogenous variations- Liquid assets and potential money supply- Interest rates- Financial intermediaries and money supply- Money supply and income expansion RBI approach- Effects of money supply- High powered money- Inside and outside money- Control of money supply- Money market and money market assets / instruments- Recent developments.
Text and Reference Books:
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics
Course Name: Public Economics-1 No.: CORE-I_03
Course Unique Code: 1601250102010300
Semester End Exam Time Duration: Regular 2:15 hrs, External 3.00 hrs.

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Course Objectives:-

- There is specific role of the state in economic development.
- It has changed over time.
- The Public finance is very important subject to analyze the role of the Government in the context of fiscal behaviour.
- It has been applied to the package of those policies and operations which involve the use of tax and expenditure measures while budgetary policy is an important part to understand the basic problems of use of resources, distribution of income etc.
- There is wide and vast area of the subject.
- It analyzes the public revenue and expenditure trends and programmes, budgetary procedures, stabilization instruments debt issue levels of government etc., which raise a spectrum of issues arising from the operation of these institutions.
- Further the existence of externalities concern from adjustment in the distribution of income and wealth etc.
- require political processes for their solution in a manner combines individual freedom and justice.
- This paper combines thorough understanding of fiscal institutions with a careful analysis of the issues, which underline budgetary policies in general, and Indian experience in particular.

Course Contents:


Text and Reference Books:
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics

Course Name: Managerial Economics: Theory  No.: ECT-I _1.1

Course Unique Code:  1601250202010101

Semester End Exam Time Duration: Regular 2:15 hrs . External  3.00 hrs.

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Course Objectives:

- This Course is essential for a student who aspires for management of a firm / company / any enterprises.
- this age is age of management. So managerial economics is very important to learn the art of management for achieving predetermined goals.
- The management means in each measure was as much a response to immediate economic problems and policy issues as much as it was a self-conscious attempt to refine earlier analysis by Correcting mistakes and filling in the gaps in management.
- Managerial analysis did not evolve in isolation.
- But were in integral and important part of the evolution of modern economic thought. Prevailing ideas of science, scientific thought and measurement played a significant role in the shaping of economic science at each stage of its evolution.

Course Contents:

**Unit 1**: Definition, nature and scope of Managerial Economics - Managerial Economics and Micro-economics - Managerial Economics and Macro-economics - Applications of Economics in Managerial decisions making. Types of Business organizations - Proprietary Firms, Partnership Firms, Joint Stock Companies, Public sector Undertakings, Cooperative Societies, Non-profit organizations.

**Unit 2**: Demand and Production Analysis - Determinants of Market Demand - Law of Demand - Elasticity of Demand - Measurement and its use - Demand Forcasting - Techniques of Demand Forcasting. Meaning of Production Function - Law of variable proportions - Law of Supply and Elasticity of Supply -

**Unit 3**: Costs and Pricing and output determination - Costs and Cost Functions - Short Terms Costs and their use on decision making - Determinants of costs - Break Even Analysis - Cost Forcasting. Pricing decisions under different market forms like perfect competition, monopoly, oligopoly - Pricing Methods - Pricing in Public sector Undertakings and Cooperative Societies

**Unit 4**: Business organizations in New Millennium - organizational Goals - Profit Maximization, Sales Maximization, Satisfying Theory - Enhancing value of the firm and its goals. Cost Benefit Analysis - Steps in cost benefit analysis - Justification for the use of cost benefit analysis

Text and Reference Books:

1. Managerial Economics - D.Salvat/e
2. Managerial Economics - Mote, Paul and Gupta
3. Managerial Economics - Varshney and Maheshwari
4. A study of Managerial Economics - D.Gopalkrishna
5. Managerial Economics - D.C.Hauge
6. Managerial Economics - Reckie and Crooke
7. Managerial Economics - Gupta
8. Managerial Economics, 4th Ed. - Craig Peterson
Course Objectives:-
- Money and banking constitute important components towards understanding of economics.
- A clear understanding of the operations of money and banking and their interaction with the rest of the economy is essential to realize how monetary forces operate through a multitude of channels – market, non-market, institutions and among others, the state.
- The operation of financial markets and their regulations are to be studied to appreciate their key-role in an economy, especially after the far reaching banking and financial sector reforms in India and elsewhere.
- The present course is designed to acquaint the students fully with the changing role of financial institutions in the process of growth and development.
- Accordingly, the paper on ‘Economics of Money and Banking’ is an optimal integration of monetary Theory, banking and non-banking financial institutions, which combine with itself a systematic discussion of the Theory, institutions and policy with special reference to India.

Course Contents:


Text and Reference Books:
7. The Economics of Money, Banking and Finance, Prentice Hall, Pearson Education Ltd.
13. Reserve Bank of India : Various Rep/ts
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics
Course Name: Industrial Economics-1  No.: ECT-I_1.3
Course Unique Code: 1601250202010103
Semester End Exam Time Duration: Regular 2:15 hrs , External 3.00 hrs.

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Course Objectives:-
- In the contemporary world with globalization and liberalization m/e and m/e attention is being given to industry.
- This course intends to provide knowledge to the students on the basic issues such as productivity, efficiency, capacity utilization and debates involved in the industrial development of India.
- The Objectives is to provide a thorough knowledge about the economics of industry in a cogent and analytical manner, particularly in the Indian context.
- Paper of Industrial Economics structure conduct and performance paper of Industrial Economics of India both cover all the Objectives and importance of the study of Industrial Development of India.

Course Contents:
Unit – 1: Industrial Economics framework and its problem Concept of firm, types of firm, main Objectives of the firm. Firm behaviour active and passive, profit maximization, scope of Industrial Economics.
Unit – 2: Market Structure: -Main components of the market sellers concentration, product differentiation, entry condition, exit from the market, economies of scale market structure and profitability, market structure and innovation.
Unit – 4 : Market Performance: -Growth of the firm, size of the firm, profitability of the firm, its constraints, productivity efficiency and capacity utilization, its concept and measurement m/e in context of Indian situation.

Text and Reference Books:
9. Reserve Bank of India, Rep/t on Currency and Finance (Annual)
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics
Course Name: **Economics of Regional Development**  No.: **ECT-I_1.4**
Course Unique Code: **1601250202010104**
Semester End Exam Time Duration: Regular 2:15 hrs, External 3.00 hrs.

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**Course Objectives:**
- In a federal set up like India, balanced regional development is desirable.
- It involves policy intervention.
- Success / failure of such interventions depends on regional characteristics.
- Hence, for the post graduate students of economics it is of significance to understand functioning of regional economies and regional development per se
- The course aims at providing basic conceptual understanding.

**Course Contents:**

**Unit 1 : Concept of Region and Regional Development Policy Efforts:** Type of region-homogeneous, nodal, programming, administrative and natural regions. Evaluation of balanced regional development efforts since independence in India.

**Unit 2 : Regional Allocation of resources:** Balanced regional development; Regional linkage-spread and backwash effects; Convergence and divergence.

**Unit 3 : Transport costs and location:** Weber’s Theory of location; Locational and weight triangles; Locational interdependence.

**Unit 4 : Urban Development:** Regional imbalance in India; Regional planning; Rural urban inequality; Growth poles and development process.

**Text and Reference Books:**
SAURASHTRA UNIVERSITY, FACULTY OF ARTS
Syllabus

Subject: Economics
Course Name: Economics of Regional Development
Course Unique Code: ECT-I_1.4

Semester End Exam Time Duration: Regular 2:15 hrs , External 3.00 hrs.

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Course Objectives:

- The main Objectives of this paper is to make the students aware of the importance of population economic development and the various Theories that explain the growth of population in country.
- The Paper also enlightens the student on the quantitative and the qualitative aspects and characteristics of the population though various demographic techniques.
- In recent time gender characteristics of the population have acquired importance and these have also been included in the framework of study.
- Migration and urbanization are the characteristics of structural change taking place in a society.
- Their study is essential to understand the dynamics of this change.
- The paper exposes the students to sources of population and related characteristics as also to the rationale, need and evolution of population policy.

Course Contents:

**Unit- 1 Population and Development**

Meaning and scope of demography; Components of population growth and their inter-dependence; Measures of population change; Structure, distribution and sources of population data.

**Unit- 2 Structure of Population**

Population trends in the twentieth century; Population explosion – Threatened / real, distant / imminent; International aspects of population growth and distribution; Pattern of age and sex structure in m/e developed and less developed countries.

**Unit- 3 Fertility, Nuptiality and Mortality**

Importance of study of fertility – Total fertility rate, gross reproduction rate and net reproduction rate; Levels and trends of fertility in m/e and less developed countries; Factors affecting fertility – Socioeconomic factors, economic status, health, education, nutrition, caste, religion, race, region, rural-urban and status of husband and wife; Nuptiality – Concept and analysis of marital status, single mean age at marriage; Synthetic cohort methods; Trends in age at marriage.

**Unit- 4 Urbanization and Demographic Data Base in India**


Text and Reference Books:

8. www.censusindia.gov.in for the latest Census data rep/ts
22. Lewis (Ed.) (1989), Strengthening the Po/: What Have We Learnt, OECD, Paris.
Subject: Economics

Course Name: **Theories of Economic Growth**

Course Unique Code: 1601250202010202

Semester End Exam Time Duration: Regular 2:15 hrs, External 3.00 hrs.

### Course Objectives:
- Post war period has witnessed emergence of 'growth economic'.
- Economists have tried to capture process of economic growth in form of economic models.
- Neo-classical economists popularized this process.
- Students must understand process of economic growth well.
- This course familiarizes them with different types of growth models.

### Course Contents:

**Unit-1 Nature of Economic Growth**: Meaning and definition of economic growth, Distinction between Growth and Development; Role of Institutions in Growth and Development; Role of education, research and knowledge; Factors affecting economic growth - Capital and Lab; Impediment to Economic Growth - Capital Deficiency, Market Imperfections, Lack of (Skilled Lab, Capable Entrepreneurs, Adequate Means of Transp & Communication, Political Factors, Natural Factors and External Factors.

**Unit-2 Classical Growth Theories**: Classical Theories of Growth; Explanation and evaluation of growth Theories of Adam Smith, Ricardo and Malthus; Role of Technology in Economic Growth.

**Unit-3: Growth Models**: Meaning, nature and scope of growth models; Growth models and its characteristics; Growth Models of Harrod and Domar, instability of equilibrium; Neoclassical Growth Models –Solow’s model, Mrs. Robinson’s and Kaldor’s Growth Models, Requirement of Steady Growth; Limitation of these Models; Applicability of growth models to underdeveloped countries.

**Unit-4 Other Growth Models**: Technical progress – Hicks and Harrod; and learning by doing; Production Function approach to determinants of growth; Endogenous growth –role of research, education and knowledge. Schumpeter's Theory of Growth. Explanation of cross country development and growth differentials.

### Text and Reference Books:
1. Clark C., "The Condition of Economic Progress"
2. Chakravarty S. 1998, Writings on Development, OUP(I),
3. Das Gupta A.K. "Planning and Economic Growth"
4. Datta A. "Paths of Economic Growth"
5. Dewett, Verma and Wadhwa, "Economics of Growth and Development"
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Subject: Economics
Course Name: Economics of Infrastructure-1  No.: ECT-I_2.3
Course Unique Code:  1601250202010203

Semester End Exam Time Duration: Regular 2:15 hrs , External  3.00 hrs.

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Course Objectives:-
- It is necessary to know costing and price of infrastructure services for students of economics.
- The Present course is theoretical showing economic aspects of development and investment in infrastructure.
- It is showing public and private sector contribution in infrastructure growth.
- This paper exposes students to issues involved in Infrastructure in developing countries like India.

Course Contents:

Unit-1: Theories of Economics of Infrastructure: Infrastructure in economic development - public good, social good and physical infrastructure - special characteristics of public utilities. The peak load, off load problem. Dual principal controversy - Economics of scale in joint supply - Managing cost pricing and other methods of pricing utilities, cross-subsidization - free prices equity and efficiency.

Unit-2: Transportation Economic: The structure of transport costs and location of economic activities - Demand for Transport cost function in transport sector - Principle of pricing - Special problems of individual Modes of transport.

Unit-3: Communication Economics: Rate Making in Telephone utilities, principle of decreasing cost in economics - Characteristics of postal services - criteria for fixed postal rates - Measurement of standard of services in Telephone and Postal utilities.

Unit-4: Energy Economics: Energy & Economic development - Factors determining demand for energy - Effect of energy Shortage costing and pricing of energy - energy conservative renewable and non-conventional sources of energy optimal energy policy in India - Public private partnership in energy investment and energy development. Infrastructure is a pre-requisite of growth.

Text and Reference Books:
4. Govt. of India (1968) Interim Report on P & T Enquiry Committee, Govt. of India, New Delhi.
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics
Course Name: History of Economic Thought
Course Unique Code: 1601250202010204
Semester End Exam Time Duration: Regular 2:15 hrs, External 3.00 hrs.

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Course Objectives:

- This course is essential for a student who aspires for advanced training in economics.
- Contemporary economic science has evolved over many centuries.
- The evolution of economic ideas in each instance was as much a response to immediate economic problems and policy issues as much as it was a self-conscious attempt to refine earlier analysis.
- Economic ideas did not evolve in isolation, but were an integral and important part of the evolution of modern social thought.
- Prevailing ideas of science, scientific rigour and measurement played a significant role in the shaping of economic science at each stage of its evolution.
- This course, tracing the history of economic thought, would enable the student to understand how contemporary economics came to what it is.

Course Contents:


UNIT-4: Post War Developments: Development Economists and evolution of growth and development Theories - Myrdal, Kuznets, Paul Streeteen, Harrod, Domar-Development Indicators, HDI, Development debates, Sustainable development, Institutional Economists-Douglas North; Development and Welfare: A K Sen

Text and Reference Books:
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics
Course Name: **Micro Economics-2**  No.: CORE-II_04
Course Unique Code: 1601250102020400
Semester End Exam Time Duration: Regular 2:15 hrs . External 3.00 hrs.

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**Course Objectives:-**

- This course deals with the micro and macro theories of distribution and welfare economics.
- It equips students for policy evaluation tools and concepts.
- It gives micro and macro perspectives of income distribution and helps in developing insight into working of economy with reference to welfare of individual and its implications.

**Course Contents:**


**Unit – IV:** Arrow’s Impossibility theorem, equity-efficiency trade off. Theory of second best. Rawlsian concept of Social justice and its application in social welfare; Amartya Kumar Sen’s contribution in welfare Economics.

**Text and Reference Books:**

5. Tayl & Vernon: Microeconomics and Decision Models of the Firm.
7. Pindyck R S, D L Rubinfeld and P L Mehta, Microeconomics, Pearson Printice Hall, 6th ed. 2007, Delhi
10. Ahuja H L: Principles of micro Economics, S. Chand & Co, Delhi, 2011
Syllabus

Subject: Economics
Course Name: Macro Economics-2  No.: CORE-II_05
Course Unique Code: 1601250102020500
Semester End Exam Time Duration: Regular 2:15 hrs , External 3.00 hrs.

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Course Objectives:-

- Macroeconomics / aggregative economic analysis establishes the functional relationship between the large aggregates.
- The aggregate analysis has assumed such a great significance in recent times that a prior understanding of macroeconomic theoretical structure is considered essential for the proper comprehension of the different issues and policies.
- Macroeconomics now is not only a scientific method of analysis; but also a body of empirical economic knowledge.

Course Contents:

Unit-1: Consumption Function and investment function:
Keynes psychological law of consumption - implications of the function: income - consumption relationship - absolute income, relative income, and life cycle and permanent income hypotheses. -- Marginal efficiency of investment and level of investment; Marginal efficiency of capital investment - long run, The accelerator and investment behaviour, impact of inflation.

Unit-2: Neo-classical and Keynesian Synthesis:
Neoclassical and Keynesian views on interest and income; The IS-LM model, Derivation of IS and LM curves, and stability; Extension of IS-LM model with government sector; Relative effectiveness of monetary and fiscal policies, Extension of IS-LM models with lab/ market and flexible prices.

Unit-3: Theory of Inflation:
Classical, Keynesian and Monetarist approaches to inflation, Structuralism Theory of inflation; Philips curve analysis - Short run and long run Philips curve; Samuelson and Solow - the natural rate of unemployment hypothesis; Tobin's modified Philips curve; Adaptive expectations and rational expectations; Policies to control inflation.

Unit-4: New Macroeconomics:

Text and Reference Books:

SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics
Course Name: Public Economics-2  No.: CORE-II_06
Course Unique Code: 1601250102020600
Semester End Exam Time Duration: Regular 2:15 hrs , External 3.00 hrs.

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Course Objectives:

- Role and functions of the Government in an economy have been changing with passage of time.
- It is necessary for post-graduate students to know principals of public finance and package of policy executed by the State Government and Central Government.
- Budgetary policy is an important part to understand the basic problems of use of resources, distribution of income, etc. This paper aims to well-equipped P.G. students of Economics about tax system, public expenditure, public debt and budgetary procedure as stabilization instrument.
- This paper also explain through understanding of fiscal institutions.

Course Contents:


Unit:3  Budget: Concept of budget- Kinds of Budgets-Components of the Government Budget - Zero-base budgeting - different concepts of budget deficits - Budgets of the Union Government in India.


Text and Reference Books:
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics

Course Name: Managerial Economics: Business Environment   No.: ECT-II_3.1

Course Unique Code: 1601250302020101

Semester End Exam Time Duration: Regular 2:15 hrs , External 3.00 hrs.

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Course Objectives:

- The Objectives of the course is to provide the student with a background of various environment factors that have major repercussions on business and sharpen their mind to watch and update the changes that occur constantly in this sphere.
- Managerial analysis did not evolve in isolation. But were in integral and important part of the evolution of modern economic thought and policy.
- Prevailing ideas of science, scientific thought and measurement played a significant role in the shaping of economic science at each stage of its evolution.
- This course, would enable the student to understand how contemporary society, polity and business interact with each other.
- Teaching pedagogy for this course be based on illustrating ‘cases’ and not mere description.

Course Contents:

**Unit: I**  
Government industry interface – market intervention, need for regulation and promotion monitory and fiscal policies. Analysis of business environment social, political, economic and technological – PEST, SWOT analysis - Demography, Market, Polity and Society

**Unit: II**  

**Unit: III**  
Industrial Policies: A brief review of industrial policies since independence, Industrial policy of 1991 and recent developments, Policy on for foreign direct investment in Indian industry.

**Unit: IV**  

Text and Reference Books:

1. Dutt and Sundaram , Indian Economy, S. Chand, New Delhi, 2007.
3. Justin Paul: Business Environment, 1e 2006, Tata MH
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Subject: Economics
Course Name: Economics of Financial Markets and Institutions  No.: ECT-II_3.2
Course Unique Code: 1601250302020102
Semester End Exam Time Duration: Regular 2:15 hrs , External 3.00 hrs.

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Course Objectives:-

- The positive and significant role of financial institutions in the process of growth and development has been very well recognized in the literature and indeed has become m/e important during the last two decades as the financial systems of different countries have become integrated in the process of globalization.
- India is no exception and has taken far reaching measures since 1991 in this direction.
- It is, therefore, essential that the students of economics should be well conversant with the Theory and practice of different financial institutions and markets to understand and analyze the interconnection between the monetary forces and real forces, their developmental role and limitations in shaping and influencing the monetary and related policies both at the national and international levels.

Course Contents:


Text and Reference Books:
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics
Course Name: Industrial Economics-2  No.: ECT-II_3.3
Course Unique Code:  1601250302020103

Semester End Exam Time Duration: Regular 2:15 hrs , External 3.00 hrs.

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Course Objectives:-

- This paper aims at application of economic Theories for industrial development.
- It is necessary for M.A students to know various Theories and practices for industrial location and development.
- Moreover, students interested to start his own industry must know locational factors, regional factors, industrial finance and problems of industrial management.
- Therefore this paper is very useful as applied knowledge to M.A economics students.

Course Contents:

**Module – 1:** Industrial Location:-Factors affecting industrial location, Theories of Industrial location Weber, Sergeant Florence, recent Theories of industrial location. Movement of industries in developed and developing countries.

**Module – 2:** Indian Industrial Growth:-Classification of Indian Industries, growth of industries and role of industrial policy in India. Role of public and private sector s in growth of industries. Recent trends in industrial growth and role of private sector MNCs role, transfer of technology, Liberalization and Privatization in Indian context.

**Module – 3:** Regional Industrial growth in India:-Regional Industrial growth in India. Causes of industrial imbalances, Industrial economic concentration, its remedies, industrial proliferation and environmental preservation, pollution control and government policies.

**Module – 4:** Industrial Finance:-Sources of Industrial finance, owned and external and other sources, role, nature volume and types of institutional finance. Different institutions of finance (IDBI, IFCI, SFCS, SIDC etc) Balance Sheet and financial statement, profit and loss account. Assessment of financial soundness.

Text and Reference Books:

6. Government of Indian, Economics Survey (Annual)
9. Reserve Bank of India, Rep/t on Currency and Finance (Annual)
Subject: Economics  
Course Name: **Economics of Urbanisation**  
No.: **ECT-II_3.4**  
Course Unique Code: 1601250302020104  
Semester End Exam Time Duration: Regular 2:15 hrs, External 3.00 hrs.

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Course Objectives:-

- Urbanization is fast spreading in India.
- Critical analysis of the economics of cities and urban regions is gaining importance day after day.
- The post graduate students can pursue a bright career as an urban analyst.
- The course will cover a wide range of theoretical approaches and policy options such as the existence and growth of cities, land use Theories, urban transportation, pollution, poverty, crime, and housing.

Course Contents:

**Unit-1 : Market Forces in Development of Cities and Land Use**


**Unit-2 : Local Government Expenditures and Taxes**

- Finances for local governance: - trends - policy and problems.
- Sources of Income and Expenditure for local government. Revenue and Expenditure Efficiency.

**Unit-3 : Supply of Urban amenities : Problems and Public Policy**

- Creation of Urban Amenities and Cost effective deliverance – Issue of cost recovery and quality of services-Indian experience of JnURM.
- Urban Transportation: - congestion and policy options - deficit of transit authorities - efficiency of bus vs. train system (rail/subway) - light rail systems – parking-JnURM & urban Transportation in India

**Unit-4 : Housing and Public Policy**

- Urban Housing policy for poor – Institutional structure for housing – problems of urban slums- redevelopment of urban slums

Text and Reference Books:

SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics
Course Name: Economics of Demography-2 No.: ECT-II_4.1
Course Unique Code: 16012503020201
Semester End Exam Time Duration: Regular 2:15 hrs., External 3.00 hrs.

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Course Objectives:-
- The main Objectives of this paper is to make the students aware of the importance of population in economic development and the various Theories that explain the growth of population in a country.
- The paper also enlightens the student on the quantitative and the qualitative aspects and characteristics of the population through various demographic techniques.
- In recent times, gender characteristics of the population have acquired importance and these have also been included in the framework of study.
- Migration and urbanization are the characteristics of structural change taking place in a society.
- Their study is essential to understand the dynamics of this change.
- The paper exposes the students to sources of population and related characteristics as also to the rationale, need and evolution of population policy.

Course Contents:
Unit 1 Theories of population – Malthus, Optimum Theory of population; Theory of demographic transition Views of Meadows, Enke and Simon; Population and development.
Unit 2 Determinates of age and sex structure; Demographic effects of sex and age structure; Economics and social implications; age pyramids and projections – Individual aging and population aging: Mortality – Death rates, crude and age-specific; Mortality at birth and infant Mortality rate; levels and trends in m/e and less developed countries; Sex and age pattern of mortality; Factors for decline in Mortality in recent past.
Unit 3 Life Table – Construction and uses; Concepts of stable population; Methods of population projection. Migration:- Concept and types – Temp/ary, internal and international; International migration- its effects on population growth and pattern; Factors affecting migration; Theories of migration related to internal migration
Unit 4 Evolution of population policy in India- The shift in policy from population control to family welfare, to women empowerment; Family planning strategies and their outcomes; Reproductive health, maternal nutrition and child health policies; Population and strategies for human development of different social groups; Social impact of new reproductive technologies and their regulation; The new population policy; Tasks before the National Population Commission.

Text and Reference Books:
8. www.censusindia.gov.in for the latest Census data rep/ts
20. King M. and M.A. Hill (Eds.) (1993), Women’s Education in Developing Countries: Barriers, Benefits and Politics, John Hopkins, Baltim/e.
22. Lewis (Ed.) (1989), Strengthening the Po/: What Have We Learnt, OECD, Paris.
Subject: Economics
Course Name: Theories of Economic Development  No.: ECT-II_4.2
Course Unique Code: 16012503020202
Semester End Exam Time Duration: Regular 2:15 hrs, External 3.00 hrs.

### Course Objectives:
- Economic development is a process under which economics go for several changes.
- It is necessary for P.G. students in economics to know Theories, practices and policies.
- Most of the development Theories reveal process to manage development process in developing countries.
- A student of developing countries like India can be benefited the knowledge of such process.

### Course Contents:

**Unit-1**: Concept of Development and Underdevelopment; Role of Government and Markets; Perpetuation of underdevelopment; Vicious circle of poverty; Structural view of underdevelopment; Measuring Development: Per Capita Income, Human Development Index, Physical Quality of Life Index; Population problem.

**Unit-2**: Approaches to Development - Balanced Vs. Unbalanced Development, Critical Minimum Efforts, Big Push, Unlimited Supply of labour, Social Dualism; A. K. Sen’s approach to economic development.

**Unit-3**: Indicators and measurement of poverty; Importance of agriculture and industry in economic development; Choice of techniques and appropriate technology; Investment Criteria, Elementary Cost benefit Analysis; Role of fiscal and monetary policies in economic development.

**Unit-4**: Theories of development- Classical, Marx and Schumpeter; Imperfect Market Paradigm; Ranis-Fei model of development; Dependency Theory of Development; Factors in development of economy - Natural resources, Population, Capital, Human resource development and Infrastructure;

### Text and Reference Books:
1. Kindleberger C.P. "Economics Development"
2. Meier and Baldwin : "Economic Development"
5. Sen A.K "Choice of Techniques:
8. Meier and Baldwin “Economic Development”
11. Chakravarty S. 1998, Writings on Development, OUP(I),
15. Krishnamurty, (ed) 2009 Towards Development Economics, OUP(I)
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics
Course Name: Economics of Infrastructure-2
No.: ECT-II_4.3
Course Unique Code: 1601250302020203
Semester End Exam Time Duration: Regular 2:15 hrs, External 3.00 hrs.

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Course Objectives:-

- This course highlights basic problem of infrastructural development.
- It is necessary for students to know economic problems and reCored policies for infrastructure growth in India.
- Economic policy requires under reform to boost infrastructure growth in developing country like India.
- Development issues and policies for infrastructure appear equally important for postgraduate students of Economics.
- This paper has greater operational utility in consultancy services by an economist and hence detail case-study approach is required while teaching at postgraduate level.

Course Contents:

**Unit-1: Electricity and Water Resources**: Developmental problems of Thermal, hydel and Nuclear power plants, Financing of water utilities. Publicly for water development problems of urban and rural water supply pricing of water, gas and electricity.

**Unit-2: Transport growth in India**: Problem of road development in India, pattern of Road development and its financing in India, Development of Railway, ticket and freight charges determination. Five year plans - and growth of railways. Airport development and privatization, p/t development and shipping in India


**Unit-4: Economic Policy for Infrastructure growth**: Rakesh Mohan Committee report on Infrastructure development in India. BO't - Public Private Partnership growth in India - Five year plan & infrastructure investment - NRI & FDI in infrastructure growth in India.

Text and Reference Books:

SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics
Course Name: Indian Economic Thoughts and Thinkers  No.: ECT—II_4.4
Course Unique Code:  160125030202024
Semester End Exam Time Duration: Regular 2:15 hrs , External  3.00 hrs.

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Course Objectives:-

- The Objectives of this course is to expose students to Indian Economic thoughts.
- India is one of the ancient civilizations of the w/id. India has rich heritage of culture and ethos reflecting economic thought of relevant time.
- Since ancient time India has produced economic thinkers whose ideas have shaped destiny of this nation.
- Students shall enrich their understanding of the contemporary economic policies and practices better by familiarizing themselves with Works and economic ideas of these great thinkers from India.

Course Contents:

Unit I : Ancient Economic Thought. Economic Ideas During Vedic Period; Manu’s Varnashram Prattha, Kautilya’s Arthashashtra;

Unit II : Earlier Economic Thinkers: Dadabhai Na/oji, Mahddev Govind Rande, Romesh Chandra Dutt, J.K. Mehta

Unit III : Gandhian Economic Thought : Economic Ideas of Gandhi in Hindswarj; Swadeshi, Khadi and Cottage Industry, Antyodya


Text and Reference Books:

Subject: Economics

Course Name: International Economics-1  No.: CORE-III_07
Course Unique Code: 1601250102030700
Semester End Exam Time Duration: Regular 2:15 hrs. External 3.00 hrs.

Name of Program | Semester | Course Group | Credit | Internal Marks | External Marks | Practical / Viva Marks | Total Marks
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M.A. | III | Core | 4 | 30 | 70 | - | 100

Course Objectives:-
- International trade acts as an engine of growth.
- It is necessary for P.G. students in economics to know International trade Theories, practices and policies, It will help them to examine impact of trade policies followed by welfare implications.

Course Contents:

Unit-1: Concept of Inter-regional and International Trade; Theory of Comparative Advantage, Heckscher-Ohlin Theory of trade, Factor Endowment and Factor Price, Leontief Paradox. Empirical verification and relevance of Theories; International Trade under Imperfect Competition.

Unit-2: Terms of Trade and Economic Growth; Secular deter/ation of terms of trade hypothesis: a critical review; International trade as an engine of growth; Gains from Trade and LDCs; FOREIGN Trade Multiplier: Trade and Labour Skills Theory by Donald Kessing; Research and Development factor and Structure of Commodity Trade (By Gruber, Mehta and Vernon)

Unit-3: Measurement of Gains from Trade; Concepts of Terms of trade, their uses and limitation; Factors affecting Terms of Trade. Impact of Tariffs; Political economy of Non-tariff Barriers; Trade and Development; Trade as engine of growth: Two Gap analysis- views of Prebisch, Singer and Myrdal.

Unit-4: Meaning and concepts of Balance of Trade and Balance of Payment - Equilibrium and Disequilibria in Balance of Payment - The process of adjustment under systems of Gold Standard - Steps to Corect imbalance of payments, traditional and monetary approaches for adjustment in the Balance of Payment- Theory of international reserves- Theory of FOREIGN Exchange Rate

Text and Reference Books:
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics
Course Name: contemporary Issues in Indian Economy-1
No.: CORE-III_08
Course Unique Code: 1601250102030800
Semester End Exam Time Duration: Regular 2:15 hrs. External 3.00 hrs.

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Course Objectives:-

- The Objectives of this paper at the post-graduate level would be to sharpen the analytical ability of the student by highlighting, and integrated approach to the functioning aspects of the Indian economy.
- Keeping in view the scope for alternative approaches, such an analysis is essential because the Indian economy is a unique amalgam of alternative competing and often conflicting Theories and a proper understanding of its Working is imperative if the student is to comprehend the ramification that underlie most of the observed phenomena in the Indian economic set-up.
- The emphasis of the paper is an overall social, political and economic environment influencing policy decisions.
- To develop all the themes, the course is divided into specific modules.
- Paper of planning and development and paper of policies for sectoral development fulfill above Objectives.

Course Contents:

**Module – 1**: Economic Development: Concept and approaches to economic development and its measurements (determinants) – sustainable development. Role of state and market in economic development. Other institutions. Indicators of development PGLI, HDI, gender development indices and other indicators.

**Module – 2**: Planning in India: Importance and Objectives of planning, planning strategy, its failure and achievements, current five year plan, developing grass-root organization for development. NGOs, Panchayati Raj and pressure groups.


**Module – 4**: Public Finance: Fiscal federalism, Role of State and centre its financial relations, Finances of central government, finances of state governments, parallel economy, problems relating to fiscal policy, fiscal sector reforms in India.

Text and Reference Books:

Subject: Economics
Course Name: Environmental Economics: Theories
No.: CORE-III_09
Course Unique Code: 1601250102030900
Semester End Exam Time Duration: Regular 2:15 hrs. External 3.00 hrs.

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Course Objectives:-
- This course is meant to acquaint the student with the basic Theories of environment economics so that they can develop and use appropriate theoretical frame to analyze and understand important environmental issues.

Course Contents:

Unit-1: Environmental Economics: Meaning, Nature and Scope: Meaning of environment economic; various definitions; relationship between mainstream economics and environment economics: nature of environmental economics: its positive and normative aspects: interdisciplinary nature of environmental economics: relationship of environmental economics with other disciplines.

Unit-2: Market Failure Decision making: Market efficiency and Parato-optimality; Market failure possibilities with reference to environmental resources; the reasons for market failure: externalities and problem of cost-internalization; public goods and common-property type nature of environmental resources. Unclear property right, informational asymmetries and possibilities of missing markets.

Unit-3: Environment and Development: Relationship between environment and development: Theory of sustainable development and problems of operational sing this Theory; indict/s and rules of sustainability methods of environmental valuation; integration of national and environmental accounting.

Unit-4: Optimal Use of Environmental Resources: Application of Capital Theory for the optimal use of environmental resources, Theories for the use of non-renewable resource; Theories for the use of renewable resources.

Text and Reference Books:
1. Ayres, R.U. and Leslie Ayres, (1998), Accounting of Resources Vol-1, Edward Elgar,
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics
Course Name: Agricultural Economics: Theories
Course Unique Code: 1601250502030101
 Semester End Exam Time Duration: Regular 2:15 hrs , External 3.00 hrs.

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Course Objectives:
- The Objectives of the course is to familiarize student with policy issue that are relevant to Indian Agricultural Economics and enable them to analyze the issues.
- Using basic micro economic concepts.

Course Contents:
Unit-1: Agricultural and Economics Development: Nature and scope of agricultural and rural economics - Traditional agriculture and its modernization - Role of agriculture in economic development - Interdependence between agricultural and Industry - Role of agricultural in Economic development.

Unit-2: Land Use policy and Social Infrastructure: Land Use Policy - Land distribution - Problems of small and marginal farmers, Rural Social infrastructure - Land, water, energy, education and health.


Text and Reference Books:
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics
Course Name: Basic Mathematics for Economists
Course Unique Code: 1601250502030102
Syllabus:

Course Objectives:

- Mathematics has found its applications in economics in the form of model building for planning and development.
- Mathematical transformation of the economic Theory provides precision to the logic and understanding of economics.
- This paper intends to train and equip student with the basic understanding of Mathematics, which they may use in advance courses of this subject.

Course Contents:

Unit 1: Basics of Mathematics-I: Variables, Types of variables, Relations, Cartesian Product, Function, Inverse Function, power function, exponential function, logarithm function, linear function; Number system, Theory of set.

Unit 2: Basics of Mathematics-II: Concepts of Limit, Continuity and differentiation of a function; Rules of differentiation of function; Concept of Integration, Economic application of Differential and Integral calculus-Consumer’s Surplus, Elasticity of Demand and Marginal Revenue.


Unit 4: Economic Models: Construction of a Mathematical Model for Economic Applications, Endogenous and Exogenous Variables, Parameters, Constants; Structural and Reduced forms of Equations; Single Market Model, Multiple Market model, National Income model.

Text and Reference Books:

3. Deshpande V D, A R Chanderkar and M. L. Vaidya, A New Course in College Algebra, S.Chand and Co. Delhi
5. Madnani G M K. 2003, Mathematical Economics, oxford and IBH, Delhi
Subject: Economics  
Course Name: Economics of Financial Management  
No.: ICT-III_1.3  
Course Unique Code: 1601250502030103  
Semester End Exam Time Duration: Regular 2:15 hrs, External 3.00 hrs.

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Course Objectives:
- Finance is heart of all commercial activity.
- Managers of enterprises today have to deal with financial aspects of commerce.
- So those who intent to apply knowledge of Theory of finance need to get aquatinted with applied aspect of Theory.
- This course aims to fulfill this aspect.
- This course is Inter /Multi disciplinary in nature as this could taken as an applied course by any post graduate student.

Course Contents:


Unit IV: Economics of Cash - Cash Budgeting and its Simulation, Optimal Cash balance, Baumol Model, Miller and /r Model; Economics of Receivables; Discriminate Analysis and Customer Classification; Economics of Invent/y – EOQ Mode, Pricing of Raw materials, Monitoring and Control of Inventories.


Text and Reference Books:
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics
Course Name: Economics of Gender and Development  No.: ICT-III_1.4
Course Unique Code: 1601250502030104
Semester End Exam Time Duration: Regular 2:15 hrs , External 3.00 hrs.

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Course Objectives:
- Gender biases in societal practices and development polices have resulted in persistent gender inequalities.
- It is increasingly being realized that mitigating such inequalities and enhancing women’s capabilities and entitlements are crucial to the overall development of the country.
- This course, Economics of Gender and Development will provide students understanding of nature of the economic role of women and their contribution to the national economy and economic development on the basis of scientific and non-sexist analysis.
- Specificity of issues pertaining to India be highlighted while teaching.

Course Contents:

Unit-I: Importance and Concepts of Women Studies — Women in Patriarchal and Matriarchal Societies and Structures, Patriarchal and Matrilineal Systems and Relevance to Present Day Society in India; Economic Basis and Functioning of Patriarchy in Developed and LDCs, Particularly India; Gender Bias in the Theories of Value, Distribution, and Population.


Unit-III: Factors Affecting Decision Making by Women; Property Rights, Access to and Control over Economic Resources, Assets; Power of Decision Making at Household, Class, Community Level; Economic Status of Women and its Effect on Work-participation Rate, Income Level, Health, and Education in Developing Countries and India; Role of Kinship in Allocating Domestic and Social Resources. Factors Affecting Female Entry in labour Market; Supply and Demand for Female Labour in Developed and Developing Countries, particularly India; Studies of Female Work Participation in Agriculture, Non-agricultural Rural Activities, Informal sector, Cottage and Small-scale Industries, organized Industry, and Services sector; Wage Differentials in Female Activities; Determinants of Wage Differentials; Gender, Education, Skill, Productivity, Efficiency, Opportunity; Structures of Wages Across Regions and Economic sector s.

Unit-IV: Concept and Analysis of Women’s Work: Valuation of Productive and Unproductive Work; Visible and Invisible Work; Paid and Unpaid Work; Economically Productive and Socially Productive Work — Economic Status, Private Property, and Participation of women in Pre-industrial and Industrial Societies — Female Contribution to National Income.

Text and Reference Books:
12. Papola, T.S. and A.N. Sharma (Eds.): Gender and Employment in India.
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus
Subject: Economics
Course Name: Labour Economics: Theories  No.: ICT-III_2.1
Course Unique Code: 1601250502030201
Semester End Exam Time Duration: Regular 2:15 hrs . External 3.00 hrs.

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Course Objectives:
- Labour sector is very vast and wide.
- It included white collar and blue collar jobs.
- As a post-graduate student of student Economics, it is necessary to study Labour Economics.
- It is also important to know the labour Theories, approaches etc. for analyzing labouring problems.
- In India most of the labour are in unorganized sector and their problems are specific.
- The study of labour economic should be systemic, scientific and analytical.
- The syllabus is structured Accordingly for this.
- Here the subject is divided in two parts, namely, Labour Theories and Labour problems. In this section, the Theories of labour are analyze. In these Theories of labour, the main Theories are Theories of labour market, Theories of wages, Theories of migration, productivity Theory, etc.

Course Contents:
**Unit-1: Introductory Outlook of Labour Economics:** Meaning and definition of Labour Economics - scope and nature of Labour Economics- peculiarities of Labour, Labour problems in India, Labour policy of government of India.

**Unit-2: Labour Market Analysis:** Meaning and definition of Labour Market - characteristics of Labour market, difference between commodity market and market labour market - nature of Labour market in developing countries like India- demand of labour and supply of labour – factors affected to demand of labour and supply of labour

**Unit-3: Wage Analysis:** Meaning and definition of wages, components of wages - wage Theories of marginal productivity, demand-supply Theory, collective bargaining Theory, concepts of wages - minimum age -fair wage - living wage - wage differentiation - wage determination in various sectors.

**Unit-4: The Migration and Mobility Analysis:** Meaning and definition of migration - types of migration, causes and of migration consequences of Migration – meaning of mobility – types of mobility – difference between migration and mobility.

Text and Reference Books:
2. Ghose, Ajit K. (2003), Job and Income in Globalizing World II O.
Subject: Economics  
Course Name: Econometrics  
No.: ICT-III_2.2  
Course Unique Code: 1601250502030202  
Semester End Exam Time Duration: Regular 2:15 hrs, External 3.00 hrs.

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Course Objectives:-

- Applications of economic Theory need a reasonable understanding of economic relationships and relevant statistical methods.
- The econometric Theory thus becomes a very powerful tool for understanding of applied economic relationships and for meaningful research in economics.
- This paper Accordingly is devoted to equip the students with basic Theory of econometrics and relevant applications of the methods.
- The topics covered in the course include various problems faced in estimation of both single equations and simultaneous equations models.
- The course also covers various econometric methods applicable to different topics in economics and those needed for applied economic research.
- An introduct/y module on multivariate methods has also been included in the course which constitutes an important tool for analysis in multivariable data in development-related studies.

Course Contents:

**Unit – I:** Definition and scope of Econometrics - methodology of econometrics - nature and sources of data for econometric analysis - contribution of econometric methods to the development of Economics - limitations of econometric methods.

**Unit - II :** Two-variable regression analysis : Stochastic and non-stochastic relations - the concept of 'population regression function' and its stochastic specifications - the 'sample regression function' - 'dinary least-squares' (OLS) method of constructing 'sample regression function' - estimation of regression parameters - assumptions underlying classical linear regression model - properties of least-squares estimat/s - coefficient of determination r2as a measure of 'goodness of fit'.

**Unit –III:** Violation of the assumptions of classical linear regression model : Auto Corelation and heteroscedasticity - meaning, sources, methods of detection, consequences and remedial measures. Dummy (/ binary) variables : Nature of dummy variables - regression on dummy variables (one quantitative variable and one qualitative variable) - Uses of dummy variables - dummy variables and heteroscedasticity - dummy variables and auto Corelation - dummy variable trap.

**Unit -IV:** Further problems of regression analysis : Multiple regression model and multicollinearity - consequences of multicollinearity - remedial measures - specification bias - lagged variables and distributed lag models (general form only)

Text and Reference Books:

Subject: Economics
Course Name: Economics of Insurance Services
Course Unique Code: 1601250502030203
Semester End Exam Time Duration: Regular 2:15 hrs, External 3.00 hrs.

### Course Objectives:

- The vital role of insurance in the task of risk-bearing and risk-elimination in the economic affairs has not been appreciated adequately in our country.
- Given that the element of risk / uncertainty is a universal and fundamental phenomenon in our economic life, the importance of insurance as a means of reducing uncertainty and risk in regard personal and business activities cannot be overemphasized.
- The role of insurance sector in mobilizing a country’s saving for channeling them into capital formation and thus contribute to a country’s economic development is also documented.
- There is a wide spread recognition that insurance, particularly life insurance, is a prominent segment of applied economics.
- Insurance industry is an important constituent of financial services industry in India and is a major investment institution and prominent player in the capital market.
- However, in our country, study of the subject of insurance has largely remained neglected.
- With the opening of the insurance for private Indians and foreign players, the interest in the subject has been kindled.
- The course on Insurance Economics attempts to give a fairly comprehensive view of the subject to the postgraduate students in Economics and pave the way for possible future expansion of the teaching of an important branch of economics.

### Course Contents:

**Unit- 1: Economic Security:** Human quest for economic security through time; Exposure to losses; Role and definition of insurance; Risk pooling and risk transfer; Economic and legal perspectives, Social vs. private insurance; Life vs. non-life insurance; Classification of life, health and general insurance policies.

**Unit- 2: Fundamentals of life & health insurance:** Functions of life & health insurance; Mathematical basis of life insurance; Plans of life insurance; Legal aspects of life insurance; Provisions of policies; Individual health insurance; Uses and types of evaluation; Principles of underwriting of life & health insurance; Group insurance and superannuation (pension) schemes.

**Unit- 3: General Insurance:** Types, Principles, Growth of General Insurance corporation in India. Investment Pattern of GIC Funds, Underwriting procedure.

**Unit- 4: Regulation of Insurance:** Nationalisation of Insurance business in India after independence. Malhotra Committee Rep/t. IRDA Act 1999 – salient features. Entry of private players.

### Text and Reference Books:


Insurance Institute of India, Life Assurance Underwriting, (IC-22), Mumbai.

Insurance Institute of India, General Insurance Underwriting, (IC-22), Mumbai.


SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

(To be Offered by Regular Students at PG Dept/PG Centre having Computer lab facility only)

Subject: Economics
Course Name: Computer Applications in Economic Analysis - 1  No.: ICT-III_2.4
Course Unique Code: 1601250502030204
Semester End Exam Time Duration: (1) Theory - 40 marks - 90 minutes ; 
(2) Practical - 30 marks - 60 minutes.

Structure of Question Paper for Sem End Exam
- 40 marks Theory and 30 Marks for Practical
- Theory must have descriptive, Short and MCQ type of questions.
- Three practical to be set for Semester End Practical Exam each of 10 marks.

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Course Objectives:-
- The growth and spread of computer and its invasive presence in every sphere of intelligent human activity is forcing every educational system and discipline to adopt and integrate its fundamentals into course curricula.
- It is to produce computer literate and well-educated post-graduates who can get not only employment but also create Work and produce value added output in the society, for which present syllabus is being designed.
- We believe this will make our new graduates m/e proficient, suitable and fit to face the future challenges in society.

Course Contents:
Unit-I : Basics of Computers: Computer fundamentals; organization and components of a computer; Computer hardware — CPU; Memory; Disk drives; Input and output devices; Keyboard; Mouse and VDU; Computer peripherals like printer, scanner, digitizer, etc.; Computer software — Operating system, application software and packages.

Unit-II : WOR D PROCESSING: Understanding Word Processing; Creating Documents In Word; Starting Microsoft Word; Using The Blank Document Template; Typing Text Into A Document; Saving Your New Document; Typing Numbers Into Your Document; Inserting A Date Into Your Document; Making Basic Changes To Your Document; Checking The Spelling In Your Document; Saving Changes To An Existing Document; Printing Your Document; Safely Closing Your Document; Word Processing Quick Reference.

Unit-III : SPREADSHEETS: How Spreadsheets Work; Spreadsheet Functionality; Starting Microsoft Excel; Understanding Workbooks; Using The Blank Workbook Template; Typing Text Into A Worksheet; Saving Your New Workbook; Typing Numbers Into A Worksheet; Typing Simple formulas In a Worksheet; Easy formulas; Typing Dates In A Worksheet; Easy formatting; Checking Spelling In A Worksheet; Making And Saving Changes; Printing A Worksheet; Charting Your Data; Safely Closing A Workbook; Spreadsheets Quick Reference.

Unit-IV : PRESENTATIONS: Understanding Electronic Presentations; Starting Microsoft PowerPoint; The PowerPoint Screen; Creating A New Presentation; Adding Text To Your Presentation; Saving Your New
Presentation; Adding M/e Slides Using The Ribbon; Typing Directly Into A Slide; Inserting Clip Art Images;
Safely Closing A Presentation; Opening An Existing Presentation; Running A Presentation Slide Show;
Printing Audience Handouts; Presentations Quick Reference.

Text and Reference Books:
- 2007 Microsoft Office System Step by Step, Microsoft Press
- Office 2013 in easy steps, McGraw Hill Education
Subject: Economics
Course Name: International Economics-2
No.: CORE-IV_10
Course Unique Code: 1601250102041000
Semester End Exam Time Duration: Regular 2:15 hrs, External 3.00 hrs.

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Course Objectives:-
- It is necessary to for P.G. student in economics international trade finance and trade finance and trade managing institutions in era of globalization of national economics.
- Economic health of a nation is known by positive balance of payment situation of a nation.

Course Contents:
Unit-1: Trade policy (Past and Recent) and reforms in India’s Trade Policy; Problems relating foreign Trade in India; International Capital Flows in India-FDI, FII etc; Changes in the Volume, Direction and Composition of India’s foreign Trade & their implication; Exp/t promotion, Free Trade Vs. Protection and their advantages and disadvantages.
Unit-2: Theories of Regionalism at Global level; Regional blocs – Multilateralism and world trading system-International trade under conditions of imperfect competition in goods market- Theory of Optimum currency area and its impact in the developed and developing countries

Text and Reference Books:
- Sighn Mannmohan "India’s Exp/t Trends" Claredon Press London.
- Joshi Rakesh : Antar Rashtriya Arthashstra", Saurashtra Uni. Rajkot, 2004
SAURASHTRA UNIVERSITY, FACULTY OF ARTS
Syllabus
Subject: Economics
Course Name: contemporary Issues in Indian Economy-2  No.: CORE-IV _11
Course Unique Code: 1601250102041100
Semester End Exam Time Duration: Regular 2:15 hrs . External  3.00 hrs.

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Course Objectives:-
- The Objectives of this paper at the post-graduate level would be to sharpen the analytical of the student and functioning of Indian economy with various policies with alternative approaches for further growth.
- This means that P.G. Students need to be well aware about different policies utilized during planning period in India

Course Contents:
Unit-1 : The Agricultural sector: Institutional structure - land reforms in India, technological change in agriculture - pricing of agriculture inputs and output term of trade between agriculture and industry, Agricultural Finance Policy, Agricultural Marketing and Warehousing, Issues in food securities - Policies for sustainable agricultural.

Unit-2 : The Industrial sector: Industrial policy, public sector enterprises and their performance, problems of sick units, in India, Privatization and disinvestments debate, growth and pattern of industrialization, small scale sector, productivity in industrial sector, Exit policy - issues in labour market reforms Approaches for employment generation.

Unit-3 : External sector: Structure and direction of foreign trade, Balance of payments, Issues in exp/imp policy and FEMA, Exchange rate policy, foreign capital and MNCs in India, The progress of trade reforms in India, Rationale of Internal and External reforms, Globalisation of Indian economy, W.T.O. and its impact on the different sector s in the economy.


Text and Reference Books:
- Naik, Jyoti D. 'Udyog Ni Sthal Pasandgi' Vasuki Priting, Rajkot.
Subject: Economics  
Course Name: Environmental Economics: Issues and Policies  
No.: CORE-IV_12  
Course Unique Code: 1601250102041200  
Semester End Exam Time Duration: Regular 2:15 hrs. External 3.00 hrs.

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Course Objectives:-
- The main Objectives of this course is to appraise and sensitive student about major environment issues of India and develop skill to analyze them with the help of appropriate theoretical frames.

Course Contents:
- **Unit-1**: Environment Issues of Primary sector: Changing land-use and cropping pattern and environmental issues; the problem of grazing-land, pasture and live stock. management; The problem of conservation of forests and bio-diversity; supply and quality of ground-water and its management; the conservation and management of marine fish.
- **Unit-2**: Industrial Development and Environmental Issues: Change in growth and structure of industries in India; growth of pollutant industries, problem of air and water pollution, management of solid and liquid wasters.
- **Unit-3**: International Environment Issues: The problem of trans boundary pollution: global warming and acid rain: globalization, international trade and environmental issues : The problem of trade of hazardous waste endangered species and medicinal plants, the problem of patenting, trade and environment in WTO system.
- **Unit-4**: Environmental Policy in India: Growth of environmental policy in India; Important environmental laws, international environment agreements and India’s approach: mechanism of implementation of environment laws in India.

Text and Reference Books:
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics
Course Name: Agricultural Economics: Issues and Policies  No.: ICT-IV_3.1
Course Unique Code: 1601250502040301
Semester End Exam Time Duration: Regular 2:15 hrs, External 3.00 hrs.

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Course Objectives:
- The Objectives of this course is to provide a detailed treatment of issues in agricultural economics to those who intend to specialize in agricultural economics.
- The course of the paper help to familiarize student with policy issues relevant to Indian agriculture and enable student to analyze issue problems and policies of the important sector of Indian economy.

Course Contents:
Unit-1 : Rural Economics Activities and Labour Market: Rural Industrialization scope and of agro-industries, economic condition of agricultural lab/ers –national Rural Employment Guarantee program, main characteristics, implementation mechanism, evaluation, lessons.- Rural and Agricultural programs and its evaluation in Gujarat, economic development and Social welfare /lent programs in Gujarat and its evaluation.


Unit-4 : Agricultural and External sector: FOReign trade in agricultural commodities - Globalization WTO and Indian agriculture - Peasant farming system in developing countries farming system in developed countries - WorldFood Assistance.

Text and Reference Books:
4. Govt. of India Economic Survey (Annual), New Delhi.
5. Govt. of India, 1976, Rep/t of the National Commission on Agriculture, New Delhi.
Subject: Economics
Course Name: Basic Statistics for Economists
No.: ICT-IV_3.2
Course Unique Code: 1601250502040302
Semester End Exam Time Duration: Regular 2:15 hrs, External 3.00 hrs.

Course Objectives:
- Statistics has found its application in economic forecasting.
- This paper intends to prepare students with basic understanding of statistical concepts, which may be useful later on for choosing Econometrics.

Course Contents:

Unit 1: Basics of Statistics-I: Applications of Statistics in economics; Population and Sample; Frequency distributions-Discrete and Continuous; Different types of Charts and Graphs; Measures of Central Tendency: Mean, Median, Mode and Weighted Average

Unit 2: Basics of Statistics-II: Significance of measures of dispersion; Various measures of Dispersion: Range, Mean Deviation, Quartile Deviation, Standard Deviation, Coefficient of Variation, Skewness and Kurtosis.

Unit 3: Multivariate Analysis: Simple Correlation analysis; Its application in Economic study; Regression Analysis, Relationship between Correlation and Regression Analyses, Use of Regression Analysis in Economic Research

Unit 4: Theory of Probability: Elementary Probability Theory; Random Variable, Events, Probability Distribution functions; discrete and continuous; Various Laws of Probability; Conditional Probability; Binomial and Normal Distributions

Text and Reference Books:
2. Gupta S P, 2000, Statistical Methods, S. Chand and Co., Delhi
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics
Course Name: Economics of Regionalism  No.: ICT-IV_3.3
Course Unique Code: 1601250502040303
Semester End Exam Time Duration: Regular 2:15 hrs , External 3.00 hrs.

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Course Objectives:

- Post 1990s have witnessed a new global trend in international trade and relations.
- This /der is to stay in coming years.
- Post Graduate students ought to get themselves familiarize with this new economic /der and its implications.
- Besides, others who are practitioners of trade and commerce may benefit from this course.

Course Contents:

Unit – I : Rationale behind Regionalism: Motivation; Multinational Trade Liberalization and RIAs; Regional V/S Global Liberalization; RIAs and Domestic Policy Integration; Impact of RIA Creation; Choice of partners and their impact on Small Economies.

Unit – II : Economics of Custom Unions (Viner), Economics of Scale and Custom Union. Unilateral tariff reduction & Custom Union; The GATT’s Article XXIV, Preferential Trading Areas and Multilaterialism. Theories of New Regionalism; New Regionalism: Revisited; World-order Approach; Regionalism and World-order: The Changing Global Setting. New Regionalism and Economics Development.

Unit – III : Building Blocs of Broader Regional Cooperation; ASEAN’s Role in Asian Economic Integration; India and the Asian Economic Integration; The European Case; Systemic Sources of variation in Regional Institutionalization in Europe.

Unit - IV : WTO and RTAs; Rules on Regional Trade Agreements; The EU, ASEAN, MURCUR, NAFTA, SAARC; Asian Economics Community; RTAs and Multilateral Trading System (MTS).

Text and Reference Books:


13. “The Economics of International Integration”, by Peter Robson, Published by • Regional Trade Agreement Section, WTO, Geneva, SWISS.


15. WTO Discussion Paper No. 12, the Changing Landscape of Regional Trade Agreement, 2006.


SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics
Course Name: Economics of Transportation  No.: ICT – IV_3.4
Course Unique Code: 1601250502040304
Semester End Exam Time Duration: Regular 2:15 hrs . External 3.00 hrs.

<table>
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Course Objectives:

- Transp/t is vital sector of a developing economy.
- Post Graduate students need to learn principles, policy and issues of transp/t economics.
- For a geographically huge economy like ours, this sector offers job opp/tunities. This course shall enhance job potential of learners.

Course Contents:

Unit-I: Role of transp/t in Economic Development - environmental and sociological aspects of Transportation - Transp/t and tourism.
Unit-II: The demand for transp/t - The problem -of the peak - Seasonal variation - Factors affecting demand for transp/t - The elasticity of demand - Demand measurement and market research - The supply of transp/t - The economics of market structures Economics of scale - the interaction of supply and demand.
Unit-IV: Performance of transp/t in India - Road, Railways, Air and Water - Urban transp/t Pattern of growth - issues associated with urban transp/t - issues related to private sector participation - Financing legal and regular aspects.

Text and Reference Books:

1. S.K. Srivasthava, The Economics of Transp/t, Sulhan C’hand and Company (Module I)
2. P.C Stubbs, W.J Tyson and M.Q Daivi, Transp/t Economics, Ge/ge Alien and Umvin, Boston, 1986 (Module - II)
Subject: Economics
Course Name: Labour Economics: Issues and Policies
No.: ICT-IV_4.1
Course Unique Code: 1601250502040401
Semester End Exam Time Duration: Regular 2:15 hrs, External 3.00 hrs.

Name of Program | Semester | Course Group | Foundation / Core / Elective / Inter Disciplinary / Practical / Project | Credit | Internal Marks | External Marks | Practical / Viva Marks | Total Marks
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MA. | IV | Inter Disciplinary | 4 | 30 | 70 | - | 100

Course Objectives:
- In labour economics we can explain various economics labour problems with the help of labour theories.
- Form the study of the whole subject student can know the basic labour theories, labour problems, specific problems of child and women labour and problems of unorganized labour, Indian trade union, its weakness, globalization and labour sector, etc. This type of study is very helpful to understand Indian labour problems and Indian labour market.
- Considering this approach security, in industrial relations and its problems, globalization and labour problems, labour reforms, etc.

Course Contents:
**Unit-1: Unemployment Problem**: Meaning of Unemployment - Concepts of Labour force, main Worker, marginal Worker, Labour force participation rate, Work force participation rate and unemployment rate - types and measurement of Unemployment, unemployment in India - causes of unemployment - employment policy in current five year plan and its evaluation.

**Unit-2: Industrial Relation**: Meaning and definition of industrial relation, importance of industrial relations, meaning of Industrial disputes - types of Industrial disputes, various types of strikes, Impact of industrial disputes, settlement and preventive mechanism of industrial disputes.

**Unit-3: Labour Movement India**: Meaning, Definition of Labour union - functions of labour union, growth pattern and structure of Labour unions in India - weakness and failures of Labour unions in India.


Text and Reference Books:
2. Uchikawa, Shuji, (2003), Labour Market and Institutions in India, Manohar Publ New Delhi.
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics
Course Name: Econometrics Applications
Course Unique Code: ICT-IV_4.2
Semester End Exam Time Duration: Regular 2:15 hrs, External 3.00 hrs.

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Course Objectives:
- The aim of this course is to provide an overview of the state-of-the-art of econometric tools and techniques applicable empirical modeling in applied Micro- and Macroeconomics.
- The focus is on building, estimating and interpreting output from models using Actual data.
- The course intends to equip students with application skills, necessary to execute independent research projects.

Course Contents:
**UNIT-I: Forecasting-I**
- Introduction: Nature, Importance and Evaluation of forecast
- Short-and Long-Term Forecast
- Univariate Methods: Smoothing Methods and Box-Jenkins approach
- Multivariate Methods: Regression Models

**UNIT-II: Forecasting-II**
- Cointegration Analysis: Testing for Unit Roots and Cointegration
- Non-parametric Methods: Judgment Methods; Technological Forecasting
- Comparison of Forecasts: Combination of Forecasts-Techniques and Benefits

**UNIT-III: Macro econometric Model-I**
- Introduction to Macroeconomic Modeling
- Framework for Modeling
- Development and Comparison of Models
- Key components of Macro econometric Models
- Modeling Consumption, Saving, Finance, Investment, Inflation and Trade

**UNIT-IV: Macro econometric Model-II**
- Some Macro-econometric Models of Indian Economy

**Note:** Student would be required to Undertake Econometric Projects[using Secondary data source] on Assigned Topic [from Syllabus] by the Teacher concerned. It would from the part of Internal Assessment.

**Text and Reference Books:**
SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

Subject: Economics
Course Name: Law and Economics No.: ICT-IV_4.3
Course Unique Code: 1601250502040403
Semester End Exam Time Duration: Regular 2:15 hrs , External 3.00 hrs.

Name of Program | Semester | Course Group | Foundation / Core/ Elective/ Inter Disciplinary/ Practical / Project | Credit | Internal Marks | External Marks | Practical / Viva Marks | Total Marks
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M.A. | IV | Inter Disciplinary | 4 | 30 | 70 | - | 100

Course Objectives:

- In present time Law has become an integral part of economic and commercial activity.
- Firm, Contract, Family, Government, International Trade/agreements etc are important aspects in study of economics which are related to law.
- Hence this course shall prepare students to understand intricacies of law in general and its economic aspects in particular.

Course Contents:

UNIT – I : Introduction of Law and Economics :
I. Economic Analysis of Law - An Introduction :
   (a) Why do economists need to be concerned about law?
   (b) Relationship between law and Economics.
II. Economic Concepts and their relevance to Law.
III . Legal Concepts :
   (a) The Common Law and the Civil Law Traditions
   (b) Introduction to Judicial System in India
   (c) Economic Approach to Legal Rules
   (d) Methodological Aspects of Legal Rules
   (e) Efficiency, Justices and the Inherent Rationality of Private Law
   (f) Development of Efficient Rules: Selected Cases.

UNIT –II : Economics of Property Laws:
I. Introduction
II. An Economic Theory of Property
III. Economics of Property Law:
   (a) Market strategies
   (b) Non-market stratifies
IV Allocation of Property Right: First come first served; Good faith purchase; Title to land;
   Establishment of entitlements : (i) Property Rule, (ii) Liability Rule, (iii) Inalienability Rule
V. Property Rights (a) Property, Social Discrimination and law: Need for Affirmative Action/
   Protective Discrimination (b) Inequalities and Distributive Justice
VI. Intellectual Property Rights : Copy Rights, Patent rights, Trademark, Geographical Indicators

UNIT–III : Economic Analysis of Contract and T/t Laws
(A) Contract Law :
I. Introduction 
II. Economic Theory of Contract : (a) Perfect Contracts and (b) Imperfect Contracts.
III Economics of Contract Law :
   (A) Unconscionable: (i) Distress (ii) Transactional Incapacity (iii) Unfair persuasion (iv) Price Ignorance
   (B) Fraud.
   (C) Monopoly: Sales (Standard Form) of Contracts and Warranties.
(B) T/t Law:

I. Introduction
II. Economic Theory of T-ts Law
   A. Accident Costs and their Minimization
   B. Liability Rules (i) Negligence (ii) Contributory Negligence (iii) Comparative Negligence (iv) Strict liability
III. Economic of T/t liability
   A. Liability v Regulation
   B. Causation in Torts
   C. Joint and multiple liabilities

D. Product Liability: Products’ Responsibility E Immaterial Damages: Pain and Suffering

UNIT-IV: Economics of Criminal and Public laws

(A) Criminal Law and Economics

I Introduction
II Principal Types of Crime
III Optimal Criminal Sanctions: Economics of Crime and Punishment
IV Criminal Intent
V The Defense of Necessity
VI The Economics of organized Crime

(B) Public Law and Economics

I Introduction
II Maximisation of Social Welfare (Firms and Consumers): Legislative and Executive Participation and Discretion
III Economic Analysis of Judicial Review
IV General Applications to Indian Institutions

Text and Reference Books:

SAURASHTRA UNIVERSITY, FACULTY OF ARTS

Syllabus

(To be Offered by Regular Students only at PG Dept/PG Centre having Computer lab facility)

Subject: Economics
Course Name: Computer Applications in Economic Analysis - 2  No.: ICT-IV_4.4
Course Unique Code: 16012505020404
Semester End Exam Time Duration: (1) Theory -40 marks-90 minutes ;
(2) Practical -30 marks-60 minutes.

Structure of Question Paper for Sem End Exam
- 40 marks Theory and 30 Marks for Practical
- Theory must have descriptive, Short and MCQ type of questions.
- Three practical to be set for Semester End Practical Exam each of 10 marks.

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<tr>
<th>Name of Program</th>
<th>Semester</th>
<th>Course Group</th>
<th>Credit</th>
<th>Internal Marks</th>
<th>External Marks</th>
<th>Practical / Viva Marks</th>
<th>Total Marks</th>
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<td>M.A.</td>
<td>IV</td>
<td>Inter Disciplinary</td>
<td>4</td>
<td>30</td>
<td>40</td>
<td>30</td>
<td>100</td>
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Course Objectives:
- The direction towards the knowledge society shall be resting on a healthy economics and proper use of Information Technology.
- Economics being an empirical science, computers have emerged as the pivotal instruments of economic analysis, research and Forecasting.
- SPSS based computer applications are getting popular besides the MS Office Excel program for handling and analysis of data.
- Therefore, the future economists must be equipped with skills and tools based on computers, which this course shall provide to them.
- This will not only enhance their employability but also prepare them for the challenges of the future.

Course Contents:
Unit-1: Data Handling - Reading (Opening) data set, Defining attributes of variable, creating a smaller dataset by Aggregating Over a Variable, S/ting. Reading SPSS data- from spread sheet, from simple data base format, from other statistical programmes like SAS, STATA etc. Variables- variable type, missing values, column format, variable label, value label for Dummy and Categorical variables.
Creating New Variables- creating dummy, categorical and semi-continuous variables.


Unit-3: Tables – for statistical attributes, tables of frequency distribution. Formatting Tables and Charts - Accessing window for formatting and editing tables-changing width of column, deleting column, transporting, finding appropriate width and height, deleting specific cells, editing data in specific cell, inserting footnotes, formatting footnotes, changing the font of specific components (data, Raw Headers etc.), Changing boarders and Gridlines. Accessing window for formatting / editing charts, making mixed Bar/Line/Area charts, converting into a Pie chart, colour of Bars, Lines, Area etc., changing format of the Text in Labels, Titles / Legends.

Text and Reference Books:
Structure of Semester End Examination

M.A. Economics (Regular & External)

Structure & Instructions for the setting of Semester End Examination Question Paper:

1. Question Paper shall be set in **two Sections** i.e. Section – I (70 marks) and Section – II (30 marks):

2. **Instructions to be Printed** in the beginning of Question Paper:
   (i). **Regular Students** shall write answers of Questions in **Section-I only**
   (ii). **External Students** shall write answers of Questions in **Section-I & II, both**.

3. Structure of Paper
   a. **For Section – I (70 marks)**
      - Question : 1 or 1 : Essay Type : 20 marks
      - Question : 2 or 2 : Essay Type : 20 marks
      - Question : 3 - Two to be attempted from Four : Short answer type : 20 marks
      - Question: 4 – Single line answer type 10 questions : 10 marks

   b. **For Section – II (30 marks)**
      - Question : 5 or 5 : Essay Type : 15 marks
      - Question : 6 or 6 : Essay Type : 15 marks

4. Paper Setter should give due **weightage to entire syllabus** while setting paper in **each section**.