DEPARTMENT OF ECONOMICS

COURSE OUTOMES FOR BA ECONOMICS

B.A. Semester I DISCIPLINE SPECIFIC CORE (DSC) COURSE: Microeconomics-I

Course Code: ECC 101

After completing the course the student will be able to:

- CO 1: Analyze the problem of scarcity and allocation of resources with the help of production possibility frontier.
- CO 2: Understand the concepts and theories of demand and supply and apply these in reallife situations.
- CO 3: Measure elasticities of demand and supply.
- CO 4: Understand the firm's production and cost behaviour of firm in short run and long run.

B.A. Semester I GENERIC ELECTIVE(GE): Entrepreneurship Development-I Course Code: ECG 101

After completing the course the student will be able to

- CO 1: Identify who is an entrepreneur, its characteristics and the role played by the entrepreneur in the economic development of the country.
- CO 2: Describe the various types of businesses and industries.
- CO 3: Analyse Porter's five forces Analysis and SWOT techniques.
- CO 4: Understand the choice of technology, plant and equipment used for starting the business.
- CO 5: Examine the various ownership pattern and legal requirements for starting the business.
- CO 6: Analyse the various financial and promotional schemes offered by the Government of India and Government of Goa.
- CO 7: Be familiar with the various funds and financial institutions that support entrepreneurship.
- CO 8: Analyse the purpose and components of a business plan and project report

B.A. Semester II DISCIPLINE SPECIFIC CORE (DSC) COURSE: Microeconomics-II Course Code: ECC 102

- CO 1: Determine the profit maximizing price –output level of a perfectly competitive firm.
- CO 2: Analyze the profit maximizing strategies of a monopolist.

CO 3: Understand the characteristics of a monopolistic competitive market and identify the difference between short run and long run equilibrium of monopolistic competitive firms.

CO 4: Analyze the distribution of income and critically evaluate the role of marginal productivity in distribution of income.

B.A. Semester II GENERIC ELECTIVE (GE): Entrepreneurship Development II Course Code: ECG 102

After completing the course, the student will be able to:

CO 1: Understand the concept of cost analysis and the various types of costing strategies the firm adopts, it will also give an exposure to the various types of market structure, cost volume profit analysis and the financial Statements and Funds Flow Analysis.

CO 2: Explain the various types of marketing channels, marketing mix and the marketing strategies that the firm adopts and also examine the role played by Advertising .

CO 3: Analyse the iimportance and scope of Human Resources Management.

CO 4: Explain the various important provisions of Shops and Establishments Act, Factories Act and Sale of Goods Act.

CO 5: Understand the various types of taxes such as Income Tax, Value Added Tax (Sales Tax, Central Excise) and Customs Duties.

CO 6: Analyse the various types of Stress Management and Positive Reinforcement, and also understand the concept of Social Responsibility of Business and Business Ethics.

B. A. Semester III

DISCIPLINE SPECIFIC CORE (DSC) COURSE:

Macroeconomics I Course code: ECC 103

After completing the course the student will be able to:

CO 1: Explain how to measure GDP and understand different methods for the measurement of national income.

CO 2: Analyze the circular flow of income in two-sector, three-sector and four-sector economy and understand the relationship between the domestic economy and the rest of the world.

CO 3: Relate factors that determine national income such as consumption, investment and saving.

CO 4: Illustrate and explain the Keynesian view of short-run fluctuations in economic activity.

CO 5: Examine the role of money, banking, and the Central Bank in the economy.

CO 6: Show how fiscal and monetary policies contribute to the determination of output and the interest rate in the short run, and their use as tools for macroeconomic stabilisation.

B. A. Semester III SKILL ENHANCEMENT COURSE (SEC): Data Analysis I

Course code: ECS101

After completing the course the student will be able to:

CO 1: Enter and edit data in a worksheet.

CO 2: Create charts and share information.

CO 3: To use spreadsheets to analyse datasets.

CO 4: Understand, interpret, and communicate statistical reasoning from data using basic statistical terms, descriptive statistics, charts and graphs.

CO 5: Recognize and evaluate the relationship between variables through simple linear regression and correlation.

B.A. Semester III

GENERIC ELECTIVE (GE): Labour Welfare and

Course Code: ECG 105

Industrial Relations- I

After completing the course, the student will be able to:

CO1: Understand the concepts and legal provisions with respect to labour welfare measures in India.

CO2: Be well versed with the concepts and legal provisions with respect to social security measures in India.

B. A. Semester IV

DISCIPLINE SPECIFIC CORE (DSC) COURSE:

Macroeconomics- II Course code: ECC 104

After completing the course the student will be able to:

CO 1: Discuss the key equations of the IS-LM model and describe the determinants of the intercept and the slope of both the IS and the LM curves.

CO 2: Determine the equilibrium level of output and the interest rate and evaluate how any change in the variables and the parameters of the IS–LM model alters the equilibrium levels of output and the interest rate.

CO 3: Determine the macroeconomic equilibrium level of GDP and evaluate how any change in the variables and the parameters of the AS-AD model alters the equilibrium levels of output and price level.

- CO 4: Identify the factors influencing aggregate demand (AD) and aggregate supply (AS), and analyze macroeconomic conditions using the AS–AD model.
- CO 5: Describe the measurement and different types of inflation, and assess the consequences of high inflation.
- CO 6: Recognise the main types and causes of unemployment, and the appropriate macroeconomic policies to reduce them.
- CO 7: Illustrate the derivation of the Phillips curve and discuss its alternative interpretations .
- CO 8; Describe the business cycle and its primary phases.
- CO 9: Identify and analyze the determinants of short-run changes of economic variables over the business cycle.
- CO 10: Appraise how monetary and fiscal policy can be used as stabilisation tools in response to demand and supply shocks.
- CO 11: Identify appropriate macro policy options in response to the state of the economy; understand the effectiveness and limitations of fiscal and/or monetary policy and choose an appropriate fiscal and monetary policy for a given state of the economy.

B. A. Semester IV SKILL ENHANCEMENT COURSE (SEC): Data Analysis II Course code: ECS 102

- CO 1: Construct simple and weighted indexes and simple average and weighted average of price relatives.
- CO 2:Shift the base to make two series comparable and splice an old series with a new series of index numbers.
- CO 3: Differentiate between parametric and nonparametric tests and understand advantages and disadvantages of nonparametric methods.
- CO 4: State the modelling assumptions underlying ANOVA and State the null and alternative hypotheses for the ANOVA test.
- CO 5: Interpret an ANOVA table.
- CO 6: Interpret the output obtained from a statistical software package applied to parametric and non parametric tests of means and medians and ANOVA tests.
- CO 7: Use Microsoft excel to perform a multivariate analysis of variance.
- CO 8: Draw appropriate conclusions from the results of a multivariate analysis of variance.
- CO 9: Understand the difference between Factor Analysis (FA) and Principal Component Analysis (PCA).

B.A Semester IV GENERIC ELECTIVE (GE): Labour Welfare and Industrial Relations-II Course Code: ECG 106

After completing the course the student will be able to:

- CO 1: Be well versed with the role of trade unions in the modern world.
- CO 2: Understand the concept of industrial relations, industrial disputes and methods to resolve industrial disputes.

B. A. (General and Honours) Semester V

DISCIPLINE SPECIFIC CORE (DSC) COURSE: Indian Economy -I

Course Code: ECC 105

After completing the course the students will be able to:

- CO 1: Know the features of the Indian Economy at the time of independence and later.
- CO 2: Understand the demgraphic trends and issues.
- CO 3: Know the interelation between poverty, unemployment and inequality.
- CO 4: Understand the trends in the growth of various sectors of Goan ecnomy.

B. A. Semester V

B.A.(Honours) DISCIPLINE SPECIFIC CORE (DSC) COURSE/ B.A. (General) DISCIPLINE SPECIFIC ELECTIVE (DSE) COURSE: International Economics- I Course Code: ECC 109/ ECD 109

- CO 1: Understand, at the level of formal analysis, the major models of international trade and be able to distinguish between them in terms of their assumptions and economic implications.
- CO 2:Understand the principle of comparative advantage and its formal expression and interpretation within different theoretical models.
- CO 3:Analyse the economic effects of (a) trade policy instruments such as tariffs, quotas, export subsidies, (b) retaliatory measures such as anti-dumping duties and countervailing duties and (c) the creation of regional trading arrangements such as free trade areas, customs unions and common markets.
- CO 4: Critically analyse the main arguments for protection and conversely be able to critically evaluate the relevance and realism of arguments for free trade, taking into account the costs and benefits of trade policy measures on different sections of the community and the implications for the formulation of trade policy.

B. A. Semester V

B.A.(Honours) DISCIPLINE SPECIFIC CORE (DSC) COURSE/ B.A. (General) DISCIPLINE SPECIFIC ELECTIVE (DSE) COURSE: Public Finance-I Course Code: ECC107/ ECD 107

After completing the course the student will be able to:

- CO 1: Understand the nature and scope of public finance and the theory of maximum social advantage.
- CO 2: Analyse the various techniques used in Budgeting.
- CO 3: Be acquainted with fiscal policy, its objectives and the various tools used.
- CO 4: Understand the Keynesian and Supply side Fiscal Policy and Fiscal Policy in India.
- CO 5: Understand the budgetary process, the components of the budget, the types of deficits and the effects of deficit on the economy.
- CO 6: Analyse budget as an instrument of economic policy and the various budgetary reforms.
- CO 7: Understand the Centre State Financial Relations and the sharing of resources between the Centre and the State.
- CO 8: Examine the role played by the Planning and Finance Commission.

B.A. (Honours) Semester V DISCIPLINE SPECIFIC ELECTIVE (DSE) COURSE: Environmental Economics I Course Code: ECD 115

After completing the course the student will be able to:

- CO 1: Understand the environment interlinkages.
- CO 2: Understand the consequences of economic processes on environment.
- CO 3: Undestand the concepts and methods of value in the environment.
- CO 4: Analyze the relationship beteen economic groth, environment and sustainable development.

B. A. (Honours) Semester V DISCIPLINE SPECIFIC ELECTIVE (DSE) COURSE: Statistics and Econometrics I Course Code: ECD 119

- CO 1: Acquire broad knowledge of statistical analysis relevant for analyzing economic data.
- CO 2: Become well versed with the broad spectrum of statistical tool available.
- CO 3: Interpret and critically evaluate of the outcomes of empirical analysis

CO 4: Understand elementary procedures for model validation in the single equation context.

CO 5: Have a theoretical background for the standard methods used in empirical analyses,

like properties of least squares estimators and the statistical testing of hypothesis.

B. A. (Honours) Semester V DISCIPLINE SPECIFIC ELECTIVE (DSE) COURSE:

Mathematical Economics-I

Course Code: ECD 117

After completing the course the student will be able to:

CO 1: Understand differentiation and higher order derivatives for Univariate functions.

CO 2: Understand partial derivatives and total differentials for multivariate functions.

CO 3:Demonstrate understanding of and ability to explain the economic applications of

differentiation, and use it to formulate economic problems, including elasticities, marginal

cost/ benefit, marginal product of labour/capital, marginal utilities.

B.A. (Honours) Semester V DISCIPLINE SPECIFIC ELECTIVE (DSE) COURSE:

Growth and Development-I

Course Code: ECD 111

After completing the course the student will be able to:

CO 1: Understand the fundamental concepts of growth and development.

CO 2: Apply different methods of measurement of economic development to assess the status

of developing countries.

CO 3: Critically evaluate the different theories or perspectives on development to validate

and verify their accuracy and assess the role of international institutions and norms in shaping

economies.

B.A. (Honours) Semester V **DISCIPLINE SPECIFIC ELECTIVE (DSE) COURSE:**

Reasearch Methodology I **Course Code: ECD113**

After completing the course, the student will be able to:

CO 1: Understand the scientific methods of research.

CO 2: Understand formulating hypothesis and testing of hypothesis.

CO 3: Understand different types of research methods.

CO 4: Have an in depth insight into sources of primary and secondary data.

B. A. (General and Honours) Semester VI

DISCIPLINE SPECIFIC CORE (DSC) COURSE: Indian Economy -II

Course Code: ECC 105

After completing the course the student will be able to:

- CO 1: Understand the policies and performance of the agricultural sector.
- CO 2: Know the policies and performance of the industrial sector.
- CO 3: Understand the policies and performance of the service sector.

B. A. Semester VI B.A.(Honours) DISCIPLINE SPECIFIC CORE (DSC) COURSE/ B.A. (General) DISCIPLINE SPECIFIC ELECTIVE (DSE) COURSE: International Economics- II Course Code: ECC 110/110

After completing the course the student will be able to:

- CO 1: Analyse the impact of changes in international trade-and investment-related variables on important macroeconomic indicators.
- CO 2: Analyse the effect of international factor movements.
- CO 3: Demonstrate knowledge of the nature and operation of the foreign exchange market.
- CO 4: Be familiar with the major recent developments in the world trading system, and be able to critically analyse key issues raised both by the current round of WTO negotiations and by the spread of regional trading arrangements.

B. A. Semester VI B.A.(Honours) DISCIPLINE SPECIFIC CORE (DSC) COURSE/ B.A. (General) DISCIPLINE SPECIFIC ELECTIVE (DSE) COURSE: Public Finance-II Course Code: ECC108/ ECD 108

After completing the course the student will be able to:

- CO 1: Understand the different classifications of public expenditures and the reasons for the rise of public expenditure in India.
- CO 2: Examine the various sources of public revenue.
- CO 3: Understand the structure of tax rates and the effects of taxes on production and distribution.
- CO 4: Analyse the central and state taxes and the significance of tax reforms in India.
- CO 5: Understand the size and growth of public debt in India and learn the various methods of debt redemption.

B.A. (Honours) Semester VI DISCIPLINE SPECIFIC ELECTIVE (DSE) COURSE: Environmental Economics-II Course Code:ECD 116

After completing the course the student will be able to:

CO 1: Understand the link between trade and environment.

- CO 2: Be familiar with the econmics of climate change.
- CO 3: Understand the benefits of forests, forestry management and plicies for rainforest conservation.
- CO 4: Know the costs of ater pollution control, non-point source of water pollution and measuring ater quality benefits.

B. A. (Honours) Semester VI DISCIPLINE SPECIFIC ELECTIVE (DSE) COURSE: Statistics and Econmetrics-II Course Code: ECD 120

After completing the course the student will be able to:

- CO 1: Acquire broad knowledge of regression analysis relevant for analyzing economic data.
- CO 2: Use various advanced econometric models, estimation methods and related econometric theories.
- CO 3: Test and correct data for econometric problems.
- CO 4: Apply the above theories to empirical data or be able to develop new econometric theory.

B. A. (Honours) Semester VI DISCIPLINE SPECIFIC ELECTIVE (DSE) COURSE: Mathematical Economics –II (Course Code-ECD 118)

After completing the course the student will be able to:

- CO 1: Find optimum solution decision problems using linear programming.
- CO 2: Understanding probability concepts in order to apply to economic theory.
- CO 3: Application of decision theory for decision making under risk and uncertainty.

B.A. (Honours) Semester VI DISCIPLINE SPECIFIC ELECTIVE (DSE)COURSE: Growth and Development-II Course Code:ECD 112

- CO 1: Develop the ability to explain the role of human capital in economic development and discuss various issues related to migration and brain drain in the development process
- CO 2: Demonstrate awareness of various economic systems and identify global, historical and institutional factors for the success and failure of planned, market and mixed economy
- CO 3: Describe how the forms of freedom impact economic development and the success or failure of polices to achieve the intended outcomes.
- CO 4: Assess the role of international capital in economic development and discuss various theories explaining adverse terms of trade for developing countries.

B.A. (Honours) Semester VI DISCIPLINE SPECIFIC ELECTIVE (DSE) COURSE: Research Methodology –II Course Code: ECD 114

- CO 1: Understand various methods of data collection, classification of data and graphical presentation of data.
- CO 2: Understand measures of cenral tendancy and dispersion.
- CO 3: Understand simple correlation and regression.
- CO 4: Understand the preparation of synopsis, preparation of references, preparation of articles for journals; books and research report writing.