

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 real-life 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

After completing the course the student will be able to:

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 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

After completing the course the student will be able to:

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 demographic trends and issues .

CO 3: Know the interrelation between poverty, unemployment and inequality.

CO 4: Understand the trends in the growth of various sectors of Goan economy.

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

After completing the course the student will be able to:

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: Understand the concepts and methods of value in the environment.

CO 4: Analyze the relationship between economic growth, environment and sustainable development.

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

After completing the course the student will be able to:

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:
Research 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

CO 2: Be familiar with the economics of climate change.

CO 3: Understand the benefits of forests, forestry management and policies for rainforest conservation.

CO 4: Know the costs of water pollution control, non-point source of water pollution and measuring water quality benefits.

**B. A. (Honours) Semester VI DISCIPLINE SPECIFIC ELECTIVE (DSE) COURSE :
Statistics and Econometrics- 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**

After completing the course the student will be able to:

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 policies 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**

After completing the course the student will be able to:

CO 1: Understand various methods of data collection, classification of data and graphical presentation of data.

CO 2: Understand measures of central tendency 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.