આથી ગુજરાત યુનિવસિટી સાથે સંલચ આઈસ વિદ્યાશાખામાં તમામ કોલેજોના આયોજનો। આયાર્થશ્રીઓને તથા અંદુનાંતર કેન્દ્રીય વિભાગી્ય વાladığı વયાવાનું તથા અભિયાની વિભાગી વોડ પોષ્કરૂપ જાણીના સલયશ્રીઓ દ્વારા નીચે મૂળભૂત અથાસાણ કેવવામાં આવે છે.

• **M.A, M.PHIL** નો અથાશા વિભાગી અથાસાક્મ યાદુ શૈક્ષણિક વર્ષ (જુન-2017)થી UGCની માગદરીના અંદુષાર અથાસાક્મો ને ધ્યાનમાં રાખીને તૈયાર કરવામાં આવે છે.

• **M.A** અથાશા વિભાગી અથાસાક્મ યાદુ શૈક્ષણિક વર્ષી જુન-2017 થી સેમેસ્ટર એચમાં અને નવેલોઝર 2013થી સેમેસ્ટર ગેમાં યુનિવસિટીના અભિયાની વયાવા અને તમામ પોષ્ક્રાતિઓ કોલેજો લાંબા થેલે.

• **M.A** અથાશા વિભાગી અભિયાન પટેલની સાથિના અને યુનિવસિટીની પરિક્ષા પ્રેક્ષકનું માનભરૂ એક સમાન રહેશે. જ અંદુષાર પ્ર્યામ યાર પ્ર્યામનું "અધ્યાય" સહિત પ્ર્યામ ૯૪ માર્ક્સના રહેશે. જેમાં ૯૪ માર્ક્સનો એક લક્ષ પ્ર્યામ અધ્યાય 03-07 માર્ક્સના વે સૃજ પ્ર્યામ રહેશે, તેમજ પ્ર્યામ-14 માર્કસનો રહેશે.

**નોધ:** નવોભાષાસામાં યુનિવસિટીની વેબ-સાઇટ પર મુક્કા છે, જ ચકાસી લેવા વિનંતી છે: http://www.gujaratuniversity.ac.in/web/custom/student/syllabus

**સાહેર તમામને જાણસાડે...**

1. યુનિવસિટી સંલચ આઈસ અને કોલેજો વિદ્યાશાખામાં તમામ કોલેજો આયોજનો
2. પરીક્ષા વિશાલકશ્રી, ગુજરાત યુનિવસિટી, અમદાવાદ
3. પરીક્ષા વિશાલ, ગુજરાત યુનિવસિટી, અમદાવાદ
4. પી. જ. વિશાલ, ગુજરાત યુનિવસિટી, અમદાવાદ
5. પી. હીનાભાઇ સિંહ, ડ. અધ્યાય, અથાશા વિશાલ, ગુજરાત યુનિવસિટી, અમદાવાદ
SEMESTER:-01 (EFFECTIVE FROM 2017-2018)

ECO-401- MICROECONOMICS-I

This paper has the focus on economic behavior of an individual and the firm, which is governed by the principles of demand, consumer surplus and consumer behavior under various market situations. The contribution of various economists to the readings of welfare economics will form a part of the teachings of this subject. The aim of this subject is to develop specific skills in the student that are applicable in different fields such as administration, marketing and research, etc.

OUTCOME

This paper teaches about the behavior of an individual touching every aspect of day-to-day transactions. The subject prompts the students to do mind-boggling exercises while observing his own vis-à-vis others behavior at home as well as at the market places. An interest in the subject and regularity in observing the consumer behavior leads the students to excel in marketing and consumer research.

UNIT-1

Micro economics - nature, scope, importance & limitations; Methodology of economics, Economics – static and dynamic, general and partial equilibrium; Difference between Macro and Micro economics, Analytical Techniques of Economic Analysis : Determination of Equilibrium and Optimisation.

UNIT-2

Demand Theory: Cardinal (utility) and Ordinal (Indifference curve) approaches, consumer equilibrium, price, income and substitution effects, Giffen paradox, derivation of demand curve with the help of Indifference curves. Marshallian cardinal utility vs. indifference curve analysis; Revealed preference theory of demand. The Neumann-Morgenstern Method.

UNIT-3

Consumer surplus-meaning, Marshall’s concept and Hicks’s four concepts of consumer surplus. Elasticity of demand - meaning, types, importance and applications, Methods of measuring elasticity of Demand.

UNIT-4

Welfar Economics: Pigou’s theory of welfare economics. Conditions of Pareto Optimality. New welfare economics-Kaldor-Hicks welfare criteria; Concept of grand utility possibility frontier.

Additional Reading List: UNIT-1

UNIT-2

UNIT-3

UNIT-4
ECO-402-MACROECONOMIC ANALYSIS-I

OBJECTIVE
Macroeconomics or 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.

OUTCOME
The paper entitled Macro Economic Analysis-I equips the students at the postgraduate level to understand economic facts and latest theoretical developments for empirical analysis.

Unit - 1
Determinants of income and employment generation: Classical, Keynes and modern approach on consumption and investment functions.

UNIT - 2
Neo-classical and Keynesian Views on Interest; The IS-LM Model; Extension of IS-LM Model with Government Sector; Effectiveness of Monetary and Fiscal Policies.

UNIT – 3
Supply Side Economics, Samuelson and Solow the Natural Rate of Unemployment Hypothesis. Philips Curve.

UNIT – 4

Basic Reading List :
ECO403 – MANAGERIAL ECONOMICS - I

OBJECTIVE
The focus of Managerial economics is on preparing the students with fundamental knowledge in the areas of business economics. The teaching aims at the explanation of basic concepts of managerial economics, imparting understanding about important statistical tools used in the estimation of demand, and price, cost and budget analysis which are considered to be critical in every business.

OUTCOME
The labour markets are becoming more and more competitive in India. This paper prepares the students to gain basic knowledge required for working efficiently in the business environment. Various concepts commonly used in management, and the application of simple tools in demand and price analysis in each business is of great help to build professional competency in the management.

UNIT 1
Meaning, nature, characteristics and significance of managerial economics. Scope, role and responsibility of managerial economics. Fundamental concepts, models and methods; Managerial and behavioral theories of firm.

UNIT 2
Use of Optimization Techniques in the theory of firm, differential calculus; Rules of derivation, optimization using calculus. Linear Programming-basic assumptions, constrained profit maximization & constrained cost minimization using graphical method.

UNIT 3
Purpose of forecasting demand, steps involved in forecasting, determinants of demand forecasting. Methods of demand forecasting for established products and for new products.

UNIT 4
Pricing Policies, Practices & Strategies: Some popular pricing practices; Pricing in large enterprises; Pricing approach in small business units.

Books Recommended
Mehta P.L., Managerial Economics, Sultan Chand & Sons, New Delhi
ECO-404 INTERNATIONAL ECONOMICS – I

This course is designed to impart thorough understanding about the broad principles and theories, which tend to govern the flow of trade in goods, services and capital at the global level. Besides, preparing the students about the relevance and limitations of these principles, the contents of the paper, spread over different subjects, lay stress on the theory and nature of the subject, which, in turn, will greatly help them to examine the impact of the trade policies. This subject will impart learning of various theories of international trade, economics of international trade, theories and practice of trade regulations and restrictions the in international trade including trade cartels and market blockade.

OUTCOME
The aim of this subject is to provide an understanding of the economics of international trade from a microeconomic perspective. The study of international economics will prepare the students to demonstrate knowledge and understanding of various players in the global markets and also the intricacies of international trade.

UNIT 1

UNIT 2

UNIT 3
Free trade versus protection, economic arguments for protection. Tariffs - types of tariffs, effects of tariffs, partial and general equilibrium; Optimum tariff and protective tariff; Import quota – types, effects.

UNIT 4

Basic Reading List:

**Additional Reading List : UNIT 1**

**UNIT 2**

**UNIT 3**

**UNIT 4**
OBJECTIVE
The main objective of this paper is to train the students to use the techniques of mathematical and statistical analysis, which are commonly applied, to understand and analyze economic problems. The emphasis of this paper is on understanding economic concepts with the help of mathematical and statistical methods rather than learning mathematics and statistics itself.

OUTCOME
After studying this paper a student will be initiated into various economic concepts which are amenable to mathematical and statistical treatment. The paper also deals with simple tools and techniques which will help a student in data collection, presentation, analysis and drawing inferences about various statistical hypotheses.

UNIT 1

UNIT 2
Determinants and its basic properties; Solution of simultaneous equations through Cramer’s rule. Concept of matrix—their types, simple operations on matrices, matrix inversion. Concept of vector—its properties. Matrices and vectors and its applications.

UNIT 3
Measures of central tendency. Measures of Dispersion and Skewness, Kurtousis.

UNIT 4
Population & sample Sampling and Sampling Distributions : Census v/s sampling, probability sampling v/s non-probability sampling-simple random sampling—Types of sampling—Sampling and non-sampling errors.

Basic Reading List :
ECO406 – ENVIRONMENTAL ECONOMICS - I

OBJECTIVE
Environmental economics is considered as an important course for students studying industrial economics and management. Global warning about climatic change and the focus of the United Nations on the adoption and implementation of sustainable development policies in the member countries has carved a niche for the environment economics. This paper is designed to teach the students about various environmental issues, environmental protection policy of the Government of India and the importance of environmental protection for the attainment of sustainable development.

OUTCOME
The environment economics has been considered an important branch of the social sciences in the developed as well as developing countries. After successful completion of studies, the students possessing adequate knowledge about environmental issues will play an important role in the implementation of various environment related programs.

UNIT 1

UNIT 2
Market failures in environmental goods, externalities, common property resources, non-exclusion, public goods and non-rivalry, non-convexities, asymmetric information.

UNIT 3
Instruments of environmental policy, liability rules, command and control (standards) policy, market based instruments-price rationing (charges and subsidies), quantitative rationing concept and basic theory of tradable pollution permits. Environmental policy in India.

UNIT 4
Historical evolution of sustainable development, definition and concept of sustainable development. Growth verses zero growth; limits to growth verses sustainable development debates. Models of sustainable development.

Books Recommended
Tietenberg Thomas, Kenneth Button and Peter Nijkamp (eds.) (1999) : Environmental Instruments and Institutions, Edward Elgar, U.K.
SEMESTER-II (EFFECTIVE FROM 2017-2018)

ECO407–MICROECONOMICS–II

OBJECTIVE
The focus of this paper is on imparting rigorous and comprehensive understanding of the behaviour of a firm. Teaching of different theories of production, costs, price determination in different market situations is aimed at triggering the analytical skills in the budding economists.

OUTCOME
The strength of microeconomics comes from the simplicity of its underlying structure and its close touch with the real world. The students learn how different players make choices when different forces like scarcity, surplus and regulations govern the market. By understanding the supply and demand theories, the students gain in-depth knowledge about the interaction of various market forces. The Supply and demand refers to goods and services and the concept is the hallmark of the business. A thorough knowledge of this subject would help the students to contribute considerably in the planning and research activities in the industry and academic institutions.

UNIT 1
Production function – types, factor elasticity of substitution, law of variable proportions, returns to scale, Producer’s equilibrium, choice of optimal combination of inputs; Economies of scale - internal economies and diseconomies, external economies and diseconomies. Cost concepts - accounting and economic costs, private cost and social cost, opportunity cost, traditional and modern theories of cost.

UNIT 2
Perfect competition - supply curve of firm and industry. Monopoly - price and output determination; Comparison between monopoly equilibrium and perfect competition equilibrium; Discriminating monopoly – price discrimination, equilibrium under discriminating monopoly, welfare aspect of monopoly. Monopolistic competition, price and output determination. Excess capacity under monopolistic competition.

UNIT 3
Oligopoly – price and output determination; Classical models of duopoly. Collusive oligopoly-cartels. Price-Leadership model; Kinked demand curve theory; Bilateral monopoly. Baumol’s model of sales revenue maximization.

UNIT 4
Marginal productivity theory, Euler’s theorem and product exhaustion problem. Classical and modern theory of rent, quasi rent. Theories of profit.

Basic Reading List:
Additional Reading List

UNIT 1

UNIT 2

UNIT 3

UNIT 4
ECO-408-MACROECONOMICANALYSIS-II

OBJECTIVE
The student will learn about uses, problems and measurement of important economic aggregates like national income, money supply and its determinants, various theories about demand for money, inflation and business cycles-their causes, effects and remedies.

OUTCOME
The paper entitled Macro Economic Analysis-II helps the students at the postgraduate level to understand systemic facts for empirical analysis. The students will be able to appreciate and understand the various economic policies declared by the government from time to time.

UNIT-01

UNIT-02
Classical Approach to Demand for Money: Classical, Keynes, Keynesian and modern Approaches.

UNIT-03
Classical, Structural and Monetarist Approaches to Inflation; Inflationary Gap and Double Inflationary Gap (Bent Hanson); Phillips Curve Analysis Short Run and Long Run Phillips Curve.

UNIT-04

Basic Reading List:
Additional Reading List

UNIT 1 :

UNIT 2 :

UNIT 3 :

UNIT 4 :
ECO409-MANAGERIAL ECONOMICS-II

OBJECTIVE
This paper is designed with the purpose of imparting knowledge to the students about various administrative and logistical aspects of business. Process of business decisions, business risks and different statistical tools useful for the analysis of business development etc., would be taught under this subject.

OUTCOME
On successful completion of the studies, the students would possess wide knowledge of various legal and administrative formalities that are considered to be an integral part of the industrial development policies of the Government of India. The learning of project planning, decision making under competition and uncertainty, different statistical methods used for business analysis etc. would prepare the students to become a part of the decision making team of the management in industry as well as commerce.

UNIT 1

UNIT 2

UNIT 3
Profit: policy, planning, control and forecasting-Break-even analysis. Taxation and decision making: excise taxes, taxes on profit, taxes on inputs, property taxes, tax preferences

UNIT 4

Books Recommended

Additional Reading List:
Brigham E.F. and Pappas J.L., Managerial Economics, Dried & Press
Diwedi D.N, Managerial Economics, Vikas Publishing House, New Delhi
Dwivedi, R.S, Organisational Behaviour, McMillan Publishing
Jain T.R., Economics for Managers, V.K Publications
Mehta P.I, Managerial Economics, Sultan Chand, New Delhi
Salvatore, Managerial Economics in Global Economy, Thomson Learning, Bombay
Varshnay R.L., Managerial Economics, Sultan Chand Publications
ECO-410 – INTERNATIONAL ECONOMICS-II

OBJECTIVE
This subject has the focus on foreign exchange and balance of payments that forms the backbone of the international trade of each country. The foreign trade policy of the government of India is an important part of this subject.

OUTCOME
Since the implementation of economic reforms the Indian economy has attracted various global players. This subject imparts knowledge about the working of foreign exchange market, balance of payment and international trade policies of the government of India. The benefits of this subject will be fully reaped by those students who get the opportunity to work in trading houses and financial institutions.

UNIT 1
Balance of payment, structure, causes of disequilibrium in BOP. Measures to correct BOP – automatic adjustment under the fixed and flexible exchange rates. Approaches for BOP – Elasticity, absorption, monetary and income approach; Devaluation, foreign trade multiplier.

UNIT 2
Expenditure changing polices; Monetary and Fiscal policies. Monetary and Fiscal policies mix for achieving internal and external equilibrium simultaneously, Swan Diagram. Assignment problem- Mundellian model of monetary and fiscal policies. Expenditure switching policies.

UNIT 3
Determination of foreign exchange rate; Theories of foreign exchange rate- Mint parity theory-Purchasing power parity theory-Balance of payment theory. Causes of changes in exchange rate; Flexible exchange rates - case for and against; fixed exchange rates - case for and against; hybrid and multiple exchange rates. Foreign exchange market–spot and forward exchange markets premiums and discounts, hedging, interest arbitrage, speculation.

UNIT 4

Basic Reading List:

Additional Reading List:

UNIT 1

UNIT 2

UNIT 3

UNIT 4
ECO-411 QUANTITATIVE TECHNIQUES AND RESEARCH METHODS IN ECONOMICS-II

OBJECTIVE:
The main objective of this paper is to train the students to use the techniques of mathematical and statistical analysis, which are commonly applied, to understand and analyze economic problems. The emphasis of this paper is on understanding economic concepts with the help of mathematical and statistical methods rather than learning mathematics and statistics itself.

OUTCOME:
After studying this paper a student will be initiated into various economic concepts, which are amenable to mathematical and statistical treatment. The paper also deals with simple tools and techniques, which will help a student in data collection, presentation, analysis and drawing inferences about various statistical hypotheses.

UNIT 1
Probability- Various definitions; Laws of addition and multiplication; Conditional probability and concept of interdependence; Baye’s theorem and its applications; Theoretical Probability Distributions And their application in economics.

UNIT 2
Correlation Analysis - Meaning, assumptions, limitations of simple correlation, methods of finding correlation, Karl Pearson’s coefficient of correlation and rank correlation coefficients, probable error. Regression analysis; Concept of least squares and the lines of regression; Standard error of estimate.

UNIT 3
Meaning of estimation. Point and interval estimation, Characteristics of a good estimator. One tail and two tail tests. Testing of hypothesis; Concept of hypothesis testing, Type — I and Type II errors, Testing of Means, Proportions, equality of population means, two variances etc. Z-test.

UNIT 4
Time series Analysis — Estimation of trend. Seasonal Indexes and Tests of Randomness. Forecasting based on time series analysis.
ECO-412- ENVIRONMENTAL ECONOMICS-II

OBJECTIVE
The objective of this paper is to impart knowledge about the importance of environment for the survival of life on the planet earth. This paper is designed to teach about the availability of environmental resources, evaluation of resources, measures adopted for the management and protection of natural resources and different international treaties related to environment protection.

OUTCOME
After completion of studies the students are expected to play an important role in the implementation of sensitization programs aimed at environment protection. The knowledge of environment related issues would add additional qualities in the students and make them conscious about environment protection at every walk of life in their professions.

UNIT 1
Environment as a source of all economic resources. Natural resources- nature, type and characteristics - renewable and non-renewable Use of natural resources for development - environment economics of exhaustible and renewable resources. Common property resources- concept, nature of CPR, uncertainty of CPR.

UNIT 2

UNIT 3
Meaning of NRMP, NRMP of India - forest, joint forest management - social forestry, water-participatory irrigation management, Involvement of voluntary sector - NGO’s - in NRM programs, Case studies of NRM - AKRSP/ DSC , etc.

UNIT 4
Environment and WTO, Treaties in bio-diversity, Kyoto protocol, Montreal protocol, UN convention on climate change, Ramsar, etc. Environment protection movements in India and Gujarat. New Environmental Policy with respect to India.

Books Recommended
Pearce and Turner (1990) : Economics of Natural Resources and the Environment.