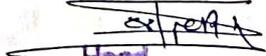R.E.Society's

R.P. Gogate College of Arts & Science and R.V. Jogalekar College of Commerce (Autonomous), Ratnagiri

Syllabus for Third Year Bachelor of Arts

Program: T. Y. B. A.
Course: Economics
Semester V & VI
As Per Choice Based Credit System (CBCS)

To be implemented from Academic Year- 2023-2024

Head
Dept Of Economics
Gogate- Jogalekar College
Ratnagiri

Dept. of Economics, R. P. Gogate College of Arts & Science and R. V. Jogalekar College of Commerce(Autonomous), Ratnagiri 1 | Page

Dept. of Economics, R. P. Gogate College of Arts & Science and R. V. Jogalekar College of Commerce(Autonomous), Ratnagiri 1 | Page

Name of Programme	**Bachelor of Arts (BA Economics)**
Level	UG
No of Semesters	06
Year of Implementation	**2023-24**
Programme Specific Outcomes (PSO)	1) Learner shall know about the basic concepts and theories of economics 2) Learner shall be able to the development of their own skills in economic reasoning and understanding. 3) Learner shall understand the about theories of economic growth & development and issues of economic planning. 4) Learner shall understand the economic relationship among different countries of the world. 5) Learner shall knowledge about the issues relating to sustainable development, environment protection and pollution control measures. 6) Learner shall be able to developing the skill of data collection & use of sampling techniques in research.
Relevance of PSOs to the local, regional, national, and global developmental needs	The economic graduates will be trained to make the best choices among these seemingly infinite possibilities. These rigoursly trained economists will play a vital role in the Economic Development of the nation. Upon completion of the BA Economics program learners will have subject based knowledge and Consistent & coherent command of the language of economics with ability to clearly define the basic concepts which are mandatory in learning economics. The learners will have effective communication skills wherein they will be able to communicate effectively the economic arguments both to those with disciplinary knowledge. Learners will also learn current economic situations and economic policies such as monetary and fiscal policy. The learners will be able to apply the knowledge of research, statistics, foreign exchange, financial, entrepreneurship, data analysis across the discipline of Economics. Upon successful completion of the program students will have critical thinking skills which will help them to apply economic analysis to provide solutions effectively to real world economic situations.BA Economics program enables the learners to build up a professional carrier as economists, financial advisors, economics planners and policy makers.

Pattern of Assessment (Sem – V and Sem VI)

The performance of the learners shall be evaluated into two parts. The learner's performance shall be assessed by Internal Assessment with 40% marks in the first part and by conducting the Semester End Examinations with 60% marks in the second part. The allocation of marks for the

Sr. No	Evaluation Method	Description	Marks
1	Class Test	MCQs Test/ Open Book Exam/ Short Answer Question/ Long Answer Questions	20
2	Written Submission	Home Assignment/ Field Report/ Project Report/Article or Research Paper/ Book Review	10
3	Presentation	Vice-voce/ Interview/ Seminar/ Poster Presentation / Presentation (Individual ,Group) Debates/ Group Discussion	05
4	Classroom performance	Attendance, Active Participation in various departmental activity	05
		Total Marks:	**40**

Internal Assessment and Semester End Examinations are as shown below-

A) Internal Assessment: 40 %

B) Semester End Examination: 60%

Question Paper Pattern

 Duration: 2 hours'   Marks: 60
1. All questions shall be compulsory with internal options.
2. There shall be four questions each of 15 marks.

Unit No.	Question No	Particular	Marks
Unit I	Que.1	Attempt **Any two** of following. a) b) c)	15 Marks
Unit II	Que.2	Attempt **Any two** of following. a) b) c)	15 Marks
Unit III	Que.3	Attempt **Any two** of following. a) b) c)	15 Marks
Unit IV	Que.4	Attempt **Any two** of following. a) b) c)	15 Marks

Standard of Passing

The learner to pass a course shall have to obtain a minimum of 40% marks in aggregate for each course where the course consists of Internal Assessment & Semester End Examination. The learner shall obtain minimum of 40% marks (i.e. 16 out of 40) in the Internal Assessment and 40% marks in Semester End Examination (i.e. 24 out of 60) separately, to pass the course and minimum of Letter Grade "P" in the project component, wherever applicable to pass a particular semester. A learner will be said to have passed the course if the learner passes the Internal Assessment & Semester End Examination together.

Performance Grading:

Letter Grades and Grade Points

Semester GPA/ Program CGPA Semester/Program	% of Marks	Alpha-Sign / Letter Grade Result
9.00-10.00	90.0 -100	0 (Outstanding)
8.00 ≤ 9.00	80.0 ≤ 90.0	A+ (Excellent)
7.00 ≤ 8.00	70.0 ≤ 80.0	A (Very Good)
6.00 ≤ 7.00	60.0 ≤ 70.0	B+ (Good)
5.50 ≤ 6.00	55.0 ≤ 60.0	B (Above Average)
5.00 ≤ 5.50	50.0 ≤ 55.0	C (Average)
4.00 ≤ 5.00	40.0 ≤ 50.0	P (Pass)
Below 4.00	Below 40	F (Fail)
Ab (Absent)	-	Absent

Third Year Bachelor of Arts (TYBA Economics) Programme
Under Choice Based Credit System (CBCS)
Course Structure

TYBA

(To be implemented from Academic Year- 2023-24)

No. of Courses	Semester V	Credits	No. of Courses	Semester VI	Credits
Group-I : Core Papers			**Group-I : Core Papers**		
UAECO501	Advanced Microeconomics – III	4	UAECO601	Advanced Macroeconomics – III	4
UAECO502	Economics of Growth and Development	4	UAECO602	International Economics	4
Group-II : Elective Papers			**Group-II : Elective Papers**		
UAECO503	Indian Financial System-I **OR**	3	UAECO603	Indian Financial System-I **OR**	3
UAECO504	Economics of AgricultureAnd Co - Operation – I		UAECO604	Economics of AgricultureAnd Co - Operation – I	
UAECO505	Research Methodology – I **OR**	4	UAECO605	Research Methodology – II **OR**	4
UAECO506	Quantitative Economics - I		UAECO606	Quantitative Economics - II	
UAECO507	Environmental Economics –I **OR**	4	UAECO607	Environmental Economics –I **OR**	4
UAECO508	Economics of Insurance - I		UAECO608	Economics of Insurance - II	
UAECO509	Economy of Maharashtra – I **OR**	3	UAECO609	Economy of Maharashtra – II **OR**	3
UAECO510	History of Economic Thoughts – I		UAECO610	History of Economic Thoughts – II	

SMART Criteria for Course Outcomes:

Specific: Each course outcome is specific, outlining the knowledge and skills students are expected to acquire in relation to the specific topics covered.

Measurable: Each outcome can be measured through assessments, tests, or projects to determine the level of understanding and proficiency achieved by the students.

Achievable: The outcomes are achievable within the duration of the course, considering the number of lectures allocated to each topic.

Relevant: The outcomes are relevant to the subject of financial services and capital market, addressing important concepts, types, and mechanisms involved.

Time-bound: The outcomes are expected to be achieved by the end of the course, providing a clear timeline for assessment and evaluation.

Syllabus for Third Year Bachelor of Arts (TYBA Economics) Under Choice Based Credit System (CBCS) Course Structure

No. of Courses	Semester - V	Credits
Group-I : Core Papers		
UAECO501	Advanced Microeconomics – III	4
UAECO502	Economics of Growth andDevelopment	4
Group-II : Elective Papers		
UAECO503 UAECO504	Indian Financial System-I **OR** Economics of AgricultureAnd Co - Operation – I	3
UAECO505 UAECO506	Research Methodology – I **OR** Quantitative Economics - I	4
UAECO507 UAECO508	Environmental Economics –I **OR** Economics of Insurance - I	4
UAECO509 UAECO510	Economy of Maharashtra – I **OR** History of Economic Thoughts – I	3
	Total Credits	**22**

Syllabus of Courses of Bachelor of Arts (BA Economics)
Programme at Semester- V
With Effect from the Academic Year 2023-2024

Name of the Course	**Advanced Microeconomics - III**
Course Code	UAECO501
Class	BA
Semester	V
No of Credits	4
Nature	Theory
Type	Group-I Core
Employability/ Entrepreneurship/ Skill Development	The course is designed to provide sound understanding in micro economic theory. Since students have been taught perfect competition, this course focuses on three main pillars of microeconomics such as imperfect competition, welfare economics and information economic.

ADVANCED MICROECONOMICS - III
Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	**General Equilibrium and Welfare Economics**	15
2	**Market Structure: Monopoly and Monopolistic Competition**	15
3	**Oligopoly**	15
4	**Information Economics**	15
	Total	**60**

Nomenclature: Advanced economics

Course Outcomes:

CO-1 Enables students will get knowledge on new market structure, imperfect competition.

CO2- Provides understanding on the welfare economics and economics of information.

Curriculum:

Sr. No.	Modules / Units
1	**General Equilibrium and Welfare Economics** (15 Lectures)
	1.1 Concept of General Equilibrium and Walrasian General Equilibrium Model 1.2 Pareto Optimality – The Pareto Optimality Condition of Social Welfare 1.3 Marginal Conditions for Pareto Optimal Resource Allocation 1.4 Perfect Competition and Pareto Optimality 1.5 Arrow's Impossibility Theorem
2	**Market Structure: Monopoly and Monopolistic Competition** (15 Lectures)
	2.1 Concept of Monopoly - Measurement of Monopoly Power 2.2 Regulation of Monopoly Market 2.3 Price Discrimination: Types and Classification of Price Discrimination (Degrees of Price Discrimination) 2.4 Equilibrium under discriminating Monopoly 2.5 Product Differentiation in Monopolistic Competition 2.6 Chamberlin's Alternative approach-Equilibrium under Monopolistic Competition - Excess Capacity
3	**Oligopoly** (15 Lectures)
	3.1 The Cournot Model - Meaning and Characteristics of Oligopoly Market 3.2 Rigid Prices - The Sweezy Model of Kinked Demand Curve 3.3 Collusive Oligopoly - Cartel: Centralised and Market Sharing Cartel 3.4 Imperfect Collusion- Price Leadership Models 3.5 Game Theory - Prisoner's Dilemma, Nash Equilibrium and Dominant Strategy Equilibrium
4	**Information Economics** (15 Lectures)
	4.1 Economics of Search and Search Cost 4.2 The Theory of Asymmetric Information 4.3 The Market for Lemons and Adverse Selection 4.4 Risk Preference and Expected Utility 4.5 The Problem of Moral Hazard 4.6 Market Signaling 4.7 Principal-Agent Problem

Learning Resources recommended:

1. Jhingan MLL. (2012), Advanced Economic Theory, Vrinda Publications, Delhi.

2. Mankiw N. Gregory (2015), Principles of Microeconomics, Cengage Learning.

3. Mansfield, Edwin (1985), Micro-economics: Theory & Applications, 5th edition, W.W. Norton & Company, New York.

4. Patil K. A (Second edition, 2011, Marathi), Advanced Economic Theory-Micro Analysis, Shri Mangesh Prakashan, Nagpur.

5. Salvatore D. (2006), Microeconomics: Theory and Applications, Oxford University Press, New Delhi.

6. Varian Hal R. (8 Edition 2010) Intermediate Microeconomics A Modern Approach, East-West Press, New Delhi

Syllabus of Courses of Third Year Bachelor of Arts (TYBA Economics) Programme at Semester - V
With Effect from the Academic Year 2023-2024

Name of the Course	Economics of Growth And Development
Course Code	UAECO502
Class	BA
Semester	V
No of Credits	4
Nature	Theory
Type	Major: Core
Relevance with Employability/ Entrepreneurship/ Skill development	This paper introduces the concepts, theories, process and policies regarding growth and development. The meaning of the development as it has evolved over the years is clarified. The contemporary as well as classical theories of growth, development, and underdevelopment are considered in detail. Theories and issues related to population, poverty, inequality and human capital are considered. Urban and rural aspects of the development process studied. Importance of technology, infrastructure and planning in development process are considered. The approach has been to cover all important areas of development economics.

ECONOMICS OF GROWTH AND DEVELOPMENT

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	**Meaning of Economic Growth and Development**	15
2	**Theories of Economic Development**	15
3	**Structural Issues in Development Process**	15
4	**Planning, Technology and Economic Development**	15
	Total	**60**

Course Outcomes:

At the end of the Course, the Learner will be able to
CO1 - Apply and analyse issues in the development process.
CO2 - Identify the issues related to Growth and Development
CO3 - understand the policy options and analyzed the Measures taken for the development of economics

Curriculum:

Sr. No.	Modules / Units
1	**Meaning of Economic Growth and Development** (15 Lectures)
	1.1 Concepts of Economic Growth and Development 1.2 Distinction between Economic Growth and Development 1.3 Concept of Human Development- H.D.I, G.D.I 1.4 Green GDP- Sen's Capability approach 1.5 Millennium Development Goals (MDGs) 1.6 Initiative by Indian government towards MDGs.
2	**Theories of Economic Development** (15 Lectures)
	2.1 Rostow's stages of growth 2.2 Big Push Theory 2.3 Leibenstein's Critical Minimum Effort Thesis 2.4 Harrod - Domar Growth Model 2.5 Lewis Model of unlimited supply of labour 2.6 Ragner Nurkse's Theory of Disguised Unemployment 2.7 Schumpeter's Theory of Development
3	**Structural Issues in Development Process** (15 Lectures)
	3.1 Concept of Human Capital 3.2 Role of Education, Health and nutrition in Human Capital 3.3 Meaning and Measurement of Poverty and Inequality 3.4 Measures to eradicate poverty and Inequality 3.5 Meaning of Inclusive growth 3.6 SHG and Microfinance- Migration 3.7 Urbanization- Formal and Informal Sector- Urban Informal Sector
4	**Planning, Technology and Economic Development** (15 Lectures)
	4.1 Concept and Role of infrastructure in Economic Development 4.2 Role of technology in Economic Development 4.3 Labour intensive versus Capital intensive technology 4.4 Schumacher's concepts of intermediate and appropriate technology 4.5 Green Technology 4.6 Meaning and Types of Economic Planning- Role of Planning in Economic Development

Learning Resources recommended:

1. Boldwin, Economic Development: Theory, History and Policy, Willy Publishers, 1957.

2. Mamoria, Joshi, Principles and practice of marketing in India, Kitab Mahal, 1979.

3. Meier, Gerald M. and James E. Rauch. Leading Issues in Economic Development, New Delhi: Oxford Univ. Press, 2006.

4. Thirlwall, A.P. Growth and Development 8e. New York: Palgrave MacMillan, 2005.

5. Todaro, Michael P. and Stephen C. Smith. Economic Development, 8e. Delhi: Pearson Education, 2003.

6. V.K. Puri and S.K. Mishra, Indian Economy, Himalaya Publishing House, 2019

Syllabus of Courses of Third Year Bachelor of Arts (TYBA Economics) Programme at Semester- V
With Effect from the Academic Year 2023-2024

Name of the Course	**Indian Financial System – I**
Course Code (refer to student handbook)	UAECO503
Class	BA
Semester	V
No of Credits	03
Nature	Theory
Type (applicable to NEP only)	Elective
Highlight revision specific to employability/ entrepreneurship/ skill development (if any) 100 words	In this semester the students get introduced with various aspects related to Indian Financial system. Indicators of financial development will be introduced and overview of financial sector reforms will be undertaken. Students will be able to understand performance, progress and issues in Indian Banking system. An overview of development of non-banking institutions in India will be undertaken. Students will also be introduced with traditional, modern and hybrid financial instruments

INDIAN FINANCIAL SYSTEM – I
Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	**Introduction to Indian Financial System**	12
2	**Performance, Progress and Issues in Indian Banking**	12
3	**Non- banking Finance Institutions in India**	12
4	**Financial Instruments: Traditional, Modern and Hybrid**	12
	Total	**48**

Course Outcomes:

At the end of the Course, the Learner will be able to

CO1- Empowering students about Indian Financial system, indicators of financial development and overview of financial sector reforms

CO2- Awareness on performance, progress and issues in Indian Banking and overview of non-banking institutions in India.

CO3- The course leads to project work/ case studies based on empirical examples such as: Management of NPAs by banks, performance analysis of commercial banks, financial Instruments- comparative analysis, performance of NBFIs

Curriculum:

Sr. No.	Modules / Units
1	**Introduction to Indian Financial System (12 Lectures)**
	1.1 Evolution- meaning-characteristics – components - significance
	1.2 Financial system and economic development
	1.3 Indicators of Financial Development: FR, FIR, NIR and IR.
	1.4 Reforms and trends/ turns in Indian financial sector: 1991-2019.
2	**Performance, Progress and Issues in Indian Banking (12 Lectures)**
	2.1 Overview of development of Banking in India
	2.2 Commercial banking-Liquidity management
	2.3 Commercial banking developments since mid-1980s
	2.4 Management of NPAs-Concept of Bad bank
	2.5 Mudra bank scheme - Capital adequacy norms- Base I,II III
3	**Non- banking Finance Institutions in India (12 Lectures)**
	3.1 Overview of development of non- banking institutions in India
	3.2 Growth - Components, types, role in financial system
	3.3 Regulation of NBFIs-Provident funds - Pension funds - Venture capital funds
4	**Financial Instruments: Traditional, Modern and Hybrid (12 Lectures)**
	4.1 Traditional instruments: equities- debentures and bonds
	4.2 Hybrid instruments- different types of bonds such as floating rate bonds- zero interest bonds- deep discount bonds- inverse float bonds-sovereign gold bonds- municipal bonds-
	4.3 convertible debentures- warrants, Crypto currency
	4.4 Derivatives - meaning, concept and types of derivatives

Learning Resources recommended:

1. Bhole, L. M. (2008): Financial Institutions and Markets, Growth and Innovation, Tata McGraw-Hill, New Delhi.
2. Khan, M.Y. (2007): Financial Services, Tata McGraw Hill, New Delhi.
3. Machiraju, Indian Financial system, Vikas publishing house, 2nd edition, 2002.
4. Pathak, Bharati (2008): The Indian Financial System-Markets, Institutions, and Services, (2nd Edition), Pearson Education, New Delhi.
5. Strong, R. A. (2002): Derivatives: An introduction; Thomson Asia Pte Ltd, Bangalore.
6. Varshney P N and Mittal D K, Indian financial system, sultan Chand and sons , New Delhi, 2002

Name of the Course	**Economics of Agriculture and Co-Operation-I**
Course Code (refer to student handbook)	UAECO504
Class	BA
Semester	V
No of Credits	03
Nature	Theory
Type(applicable to NEP only)	Elective
Highlight revision specific to employability/ entrepreneurship/ skill development (if any) 100 words	This paper provides an overview of the role of agriculture in the economic development of the country and the salient features associated to agricultural productivity and agricultural labour. The pertinent aspects related to agricultural credit, agricultural marketing as well as the global problems existing in the marketing are dealt in. Students can acquire understanding about the features of agricultural policy and the agrarian crisis as well as the problems and challenges in the field of Agriculture and cooperation.

ECONOMICS OF AGRICULTURE AND CO-OPERATION-I
Modules at a Glance

Sr. No.	Modules	No. of Lectures
1.	**Agricultural Productivity**	12
2.	**Agricultural Credit**	12
3.	**Agricultural Marketing**	12
4.	**Agricultural Price and Policy**	12
	Total	**48**

Course Outcomes:

At the end of the Course, the Learner will be able to

CO1- obtain information regarding various agricultural issues in India and remedies for it.

CO2- Making awareness about self- employment through various local business like agro-tourism, travel agents, horticulture, floriculture, fishery and animal husbandry.

Curriculum:

Sr. No.	Modules / Units
1	**Agricultural Productivity** (12 Lectures)
	1.1 Role of agriculture in Economic Development 1.2 Cropping pattern in India, Recent trends, 1.3 Factors affecting - cropping pattern Physical, Technical and Economic 1.4 Agricultural Productivity, Causes of Low Productivity in Agriculture 1.5 Measures taken to improve the Agricultural Productivity in India 1.6 Irrigation and Water Management and agricultural development 1.7 Agricultural labour Problems and suggestions.
2	**Agricultural Credit** (12 Lectures)
	2.1 Institutional and Non-Institutional Sources of Credit 2.2 Co-operative Credit and Agriculture Rural Indebtedness 2.3 Commercial Banks and Regional Rural Banks 2.4 Microfinance and NABARD - Role and Performance 2.5 Crop loan and Crop Insurance 2.6 Kisan Credit card Yojana
3	**Agricultural Marketing** (12 Lectures)
	3.1 Types of Marketing - Corporate, Commodity and Global 3.2 Problems and Measures of Agricultural Marketing 3.3 Regulated Market 3.4 WTO and Indian Agriculture 3.5 Problems of Agricultural Marketing and its measures 3.6 National Agricultural Market 3.7 FPO – Farmers Producer Organizations
4	**Agricultural Price and Policy** (12 Lectures)
	4.1 Food Security in India 4.2 Price Policy of CACP Evaluation 4.3 Agricultural Crisis and Farmers Suicide 4.4 Agro-Tourism and its policy 4.5 Organic Farming 4.6 Mechanization of Agriculture

Learning Resources Recommended:

1. Bilgrami S.A.R. (2000), An Introduction of agricultural Economics, Himalaya Publishing House, Mumbai
2. Datta Ruddra and Mahajan Ashwini (2016), Indian Economy, Chand and Company Ltd., New Delhi.
3. Gupta P. K.,(2012), Agricultural Economics, Vrinda Publications (P) Ltd. Delhi.
4. Mamoria C.B. and B.B. Tripalhi (1991), Agricultural Problems in India, Kitab Mahal, Allahabad.
5. Sadhu and Singh (2008), Fundamental of Agricultural Economics, Himalaya Publishing House, Mumbai.
6. Tyagi B.P., (2016), Agricultural Economics and Rural Development, Jaiprakash Nath and Co. Meerut.

Syllabus of Courses of Third Year Bachelor of Arts (TYBA Economics) Programme at Semester- V
With Effect from the Academic Year 2023-2024

Name of the Course	**Research Methodology –I**
Course Code (refer to student handbook)	UAECO505
Class	BA
Semester	V
No of Credits	04
Nature	Theory
Type (applicable to NEP only)	ELECTIVE
Highlight revision specific to employability/ entrepreneurship/ skill development (if any) 100 words	The objective of this paper is to integrate the developmental perspectives and theories to enable the students to understand the complexity of developing economies and the related economic challenges. The students get to critically reflect on the major economic ideas in development parlance

RESEARCH METHODOLOGY –I
Modules at a Glance

Sr. No.	Modules	No. of Lectures
1.	**Introduction to Research**	15
2.	**Formulation of Problem in Social Science Research**	15
3.	**Types of Data: Primary and Secondary**	15
4.	**Representation and Analysis of Data**	15
Total		**30**

Course Outcomes:

At the end of the Course, the Learner will be able to

CO1- Understand and inculcate research in Economics

CO2- Exchange ideas and application of results of economic research.

CO3- Help in formulation of problems in social science research.

CO4- Understand data collection and presentation for quality research in social sciences.

Curriculum:

Sr. No.	Modules / Units
1	**Introduction to Research** **(15 Lectures)**
	1.1 Meaning and scope of social science research 1.2 Basic assumptions of research 1.3 Features and importance of social science research 1.4 Objectives and types of research; Basic, Applied, Pure, Descriptive, Analytical, and Empirical research 1.5 Limitations of social science research 1.6 Difficulties in social science research
2	**Formulation of Problem in Social Science Research** **(15 Lectures)**
	2.1 Research process: Identification, selection and formulation of research problem 2.2 Sources of research problem 2.3 Criteria of a good research problem 2.4 Review of literature-Formulation of hypothesis 2.5 Research design: Definition, Concepts, and types 2.6 Data Collection and analysis- Interpretation and report writing 2.7 Use of web search in research process.
3	**Types of Data: Primary and Secondary** **(15 Lectures)**
	3.1 Types of Data: Primary data and its collection methods: Observation method-Interview Technique 3.2 Design of schedule and questionnaire - Survey method and Field visits 3.3 Secondary data : Meaning- advantages- sources- relevance and limitations of secondary data 3.4 Sampling Techniques : Census and sample survey 3.5 Essentials of a good sampling - Advantages and limitations of sampling 3.6 Types of sampling: Random sampling and Non-random sampling-Sampling and Non-Sampling errors.
4	**Representation and Analysis of Data** **(15 Lectures)**
	4.1 Classification, Tabulation and Graphical presentation of socio-economic data 4.2 Need and importance of data analysis 4.3 Statistical analytical tools: Measures of Central Tendency 4.4 Measures of Variation: Absolute and relative measures - Quartile deviation, standard deviation, coefficient of variation- 4.5 Skewness: Meaning and measurement (Karl Pearson's and Bowley's methods) 4.6 Preliminaries of computer applications in data organization and data processing.

Learning Resources recommended:

1. Bhandarkar P.L., (1994), Samajik Sanshodhan Padhati, Himalaya Publication, New Delhi.
2. Dawson, Catherine (2002), Practical research methods, UBS Publishers, New Delhi.
3. Ghosh, B.N. (1992), Scientific methods and social research, Sterling Publishers Pvt. Ltd, New Delhi.
4. Gupta S P, (1987), Statistical methods, Sultan Chand and Sons, New Delhi.
5. Kothari R.C. (2008), Research methodology, methods and techniques, New Age International Publishers, New Delhi.
6. Krishnaswamy O.R.(1993), Methodology of research in social sciences, Himalaya publishing House, Mumbai.

Syllabus of Courses of Third Year Bachelor of Arts (TYBA Economics) Programme at Semester- V
With Effect from the Academic Year 2023-2024

Name of the Course	**Quantitative Economics – I**
Course Code	UAECO506
Class	BA
Semester	V
No of Credits	4
Nature	Theory
Type	Major: Elective
Relevance with Employability/ Entrepreneurship/ Skill development	This course introduces students to the varied concepts of economics of Finance. It aims at importing knowledge about the basic models of investment and portfolio analysis, including the CAPM. The paper is designed to throw light on the valuation of assets, derivatives and options in addition to patterns of corporate financing which will be based on case study approach.

QUANTITATIVE ECONOMICS – I
Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	**Equations, Graphs and Derivatives**	**15**
2	**Linear Algebra**	**15**
3	**Descriptive Statistics and graphing techniques for presenting data**	**15**
4	**Elementary Probability Theory**	**15**
	Total	**60**

Course Outcomes:

At the end of the Course, the Learner will be able to

  CO1- Perform graphical analysis of functions, sketch curves defined by simple equations.

  CO2- Help to interpret the algebraic solution of economic concepts

  CO3- Build an ability to explain the economic applications of differentiation, and use it

  CO4 - Understand economic concepts such as elasticity, marginal cost and input- output determination and linear programming.

  CO5 - Help to develop various quantitative concepts and their application not only in economics but also for other subjects.

Curriculum:

Sr. No.	Modules / Units
1	**Equations, Graphs and Derivatives** **(15 Lectures)**
	1.1 Linear and non-linear relationships in economic analysis 1.2 Derivatives – Higher order derivatives 1.3 Increasing and decreasing functions- Necessary and sufficient conditions for maxima and minima 1.4 Optimization of economic functions 1.5 Economic applications: equations and graphs Market demand and supply models, taxes, elasticity.
2	**Linear Algebra** **(15 Lectures)**
	2.1 Matrices and basic operations on matrices 2.1 Rank of a matrix– Inverse of a matrix 2.3 Cramer's rule and its application to the IS-LM model 2.4 Input-Output Analysis and policy implications 2.5 Linear Programming Problem: Formulation and graphical solution.
3	**Descriptive Statistics and graphing techniques for presenting data (15 Lectures)**
	3.1 Concept of primary and secondary data along with tabulation and graphs 3.2 Measures of central tendency (arithmetic mean, median and mode) 3.3 Absolute and relative measures of dispersion (range, quartile deviation, mean deviation and standard deviation) with simple applications 3.4 Measures of Skewness and kurtosis – Lorenz Curve
4	**Elementary Probability Theory** **(15 Lectures)**
	4.1 Sample space and events– Mutually exclusive 4.2 Exhaustive and complementary events 4.3 Conditional probability– Binomial probability distribution 4.4 Nature and Properties of the Normal Probability Distribution 4.5 Standard Scores and the Normal Curve 4.6 The Standard Normal Curve: Finding Areas when the Score is Known 4.7 Finding Scores when the Area is Known.

Learning Resources recommended:

1. Chiang A. C.: Fundamental Methods of Mathematical Economics, 3rd edition, McGraw-Hill, 1984.

2. Dowling Edward T: Introduction to Mathematical Economics, Schaum Outline Series in Economics, Tata McGraw -Hill, New Delhi, 2004.

3. Dowling Edward T: Theory and Problems of Mathematical Methods for Business and Economics, McGraw Hill, 1993.

4. Gupta S.P.: Statistical Methods, S. Chand, New Delhi, 2014.

5. Lerner Joel J and P.Zima: Theory and Problems of Business Mathematics, McGraw Hill, New York, 1986.

6. Sancheti D.C. and V.K. Kapoor: Statistics-Theory, Methods and Applications, S. Chand, New Delhi, 2014.

Syllabus of Courses of Third Year Bachelor of Arts (TYBA Economics) Programme at Semester- V
With Effect from the Academic Year 2023-2024

Name of the Course	Environmental Economics – I
Course Code	UAECO507
Class	BA
Semester	V
No of Credits	4
Nature	Theory
Type	Major: Elective
Relevance with Employability/ Entrepreneurship/ Skill development	This paper introduces students to the varied concepts of economics of Finance. It aims at importing knowledge about the basic models of investment and portfolio analysis, including the CAPM. The paper is designed to throw light on the valuation of assets, derivatives and options in addition to patterns of corporate financing which will be based on case study approach.

Environmental Economics – I
Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	**Introduction to Environmental Economics**	15
2	**The Design and Implementation of Environmental Policy**	15
3	**Measuring Benefits of Environmental Improvements**	15
4	**Global Environmental Issues**	15
	Total	**60**

Course Outcomes:

At the end of the Course, the Learner will be able to

    CO1- Understanding of contemporary environmental issues and their relation to economic development.

    CO2- Understand the methodologies and tools of valuing the environment.

    CO3 - Understand the global approaches and policies adopted by India to deal with the environmental issues.

Curriculum:

Sr. No.	Modules / Units
1	**Introduction to Environmental Economics** **(15 Lectures)**
	1.1 Environmental Economics: Nature, Significance and Scope 1.2 Environment and the economy 1.3 Environmental Kuznets Curve 1.4 Common resources, externalities and property rights 1.5 Coase Theorem 1.6 Rio Declaration and Agenda 21 programme of action for sustainable development.
2	**The Design and Implementation of Environmental Policy** **(15 Lectures)**
	2.1 Criteria for evaluating environmental policies 2.2 Tools of Environmental Policy: Standards, Pigovian taxes/effluent fees, quotas/tradable permits 2.3 Choice between taxes and quotas 2.4 Environmental Policy: Regulation and Implementation.
3	**Measuring Benefits of Environmental Improvements** **(15 Lectures)**
	3.1 Economic value of Environment: Use and Non-use values 3.2 Measurement methods of environmental value: Market based and Non-market based methods 3.3 Contingent Valuation Method 3.4 Travel Cost Method 3.5 Hedonic Price Method.
4	**Global Environmental Issues** **(15 Lectures)**
	4.1 Trade and environment 4.2 Overview of trans-boundary environmental problems 4.3 Global Warming - Climate Change 4.4 Energy Crisis 4.5 Challenges of urbanization 4.6 International environmental agreements.

Learning Resources recommended:

1. Barry Field and Martha k Field: Environmental Economics, McGraw Hill International Edition, 2017.
2. Bennear, Lori Snyder, and Cary Coglianese (2004), Evaluating Environmental Policies, KSG Faculty Research Working Paper Series RWP04-049,USA
3. Charles Kolstad : Environmental Economics, Oxford University Press, New York, 2000.
4. Hanley Nick, Shogren Jason and White Ben: Introduction to Environmental Economics, Oxford University Press, 2001.
5. Mickwitz, Per. (2003). A Framework for Evaluating Environmental Policy Instruments Context and Key Concepts. Evaluation.
6. Smith Stephen: Environmental Economics: A very Short Introduction, 1st Edition, Oxford University Press, New York, 2011.

Syllabus of Courses of Third Year Bachelor of Arts (TYBA Economics) Programme at Semester- V
With Effect from the Academic Year 2023-2024

Name of the Course	**Economics of Insurance – I**
Course Code	UAECO508
Class	BA
Semester	V
No of Credits	4
Nature	Theory
Type	Major: Elective
Relevance with Employability/ Entrepreneurship/ Skill development	This paper introduces students to the varied concepts of economics of Finance. It aims at importing knowledge about the basic models of investment and portfolio analysis, including the CAPM. The paper is designed to throw light on the valuation of assets, derivatives and options in addition to patterns of corporate financing which will be based on case study approach.

ECONOMICS OF INSURANCE – I

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	**Introduction to Insurance**	15
2	**Risk and Risk Management**	15
3	**Recent Trends in Insurance Sector**	15
4	**Reinsurance**	15
	Total	**60**

Course Outcomes:

At the end of the Course, the Learner will be able to

       CO1- Identify and define basic terms and concepts of insurance

       CO2 - Describe the importance of insurance for an individual and the economy

       CO3- Understand the concept of risk and its types, and the process of risk management.

Curriculum:

Sr. No.	Modules / Units
1	**Introduction to Insurance** **(15 lectures)**
	1.1 Definition of Insurance, Characteristics of Insurance
	1.2 Principles of Insurance
	1.3 Distinction between Assurance and Insurance
	1.4 Purpose and need of insurance
	1.5 Functions of Insurance
	1.6 Classification of Insurance
	1.7 Limitations of Insurance.
2	**Risk and Risk Management** **(15 lectures)**
	2.1 Concept of Risk, Risk Vs Uncertainty
	2.2 Loss and chances of loss, Perils, Hazards
	2.3 Types of Risk, Classification of Pure risk
	2.4 Elements of insurable risk
	2.5 Losses and methods of handling pure risk
	2.6 Asymmetries of information - Adverse selection and Moral hazard in insurance,
	2.7 Risk management process - Risk analysis, Risk control
	2.8 Risk financing, Risk transfer.
3	**Recent Trends in Insurance Sector** **(15 lectures)**
	3.1 Insurance and economic development
	3.2 Insurance institutions as financial intermediaries
	3.3 insurance institution as investment institution
	3.4 Growth & Performance of Public & Private Insurance Companies in India
	3.5 Life and Non-Life sector including foreign collaborations
	3.6 Disinvestment of LIC, Listing of Public & Private Insurance companies in Stock market
	3.7 Government policies in insurance – Ayushman Bharat Yojna, Pradhan Mantri Suraksha Bima Yojna, Pradhan Mantri Jeevan Jyoti Bima Yojna.
4	**Reinsurance** **(15 lectures)**
	4.1 Definition, Objectives of Reinsurance
	4.2 Role of Reinsurance
	4.3 Techniques of Reinsurance
	4.4 Role of Reinsurer
	4.5 Role of General Insurance Corporation of India (GIC Re)
	4.6 Issues and challenges in Indian Reinsurance.

Learning Resources recommended:

1. Dr. PK Gupta (2011), Insurance & Risk Management, Himalaya Publishing House.
2. Dr. MJ Mathew (2005), Insurance Principles & Practice, RBSA Publishers.
3. E. Rejda George, McNamara Michael (2017), Principles of Risk Management & Insurance, Pearson Education.
4. Kishore Kumar Das (2016), Insurance Sector in India: Problems, Possibilities and Prospects, IBP, New Delhi.
5. Meltem Tumay (2009), Asymmetric Information & Adverse Selection in Insurance Markets: The problem of Moral Hazard at dergipark.org.tr/tr/download/article-file/146009.
6. PK Gupta (2017), Fundamentals of Insurance, Himalaya Publishing House.

Syllabus of Courses of Third Year Bachelor of Arts (TYBA Economics) Programme at Semester- V
With Effect from the Academic Year 2023-2024

Name of the Course	**Economy of Maharashtra-I**
Course Code	UAECO509
Class	BA
Semester	V
No of Credits	3
Nature	Theory
Type	Major: Elective
Relevance with Employability/ Entrepreneurship/ Skill development	This course provides a detailed account of various sectors of economy of Maharashtra i.e. natural resources, population, agriculture, industry, infrastructure, fiscal policy and human development. These units will introduce the various challenges faced by the economy of Maharashtra and efforts of the Government to tackle them..

Economy of Maharashtra-I

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	**Introduction to Economy of Maharashtra**	12
2	**Demography of Maharashtra**	12
3	**Agriculture Development in Maharashtra**	12
4	**Industrial Sector & Service Sector in Maharashtra**	12
	Total	**48**

Course Outcomes:

At the end of the Course, the Learner will be able to

CO1. Students get acquainted with all varied sectors of the economy of Maharashtra

CO2. Awareness on challenges to be faced and measures to tackle the challenges.

Curriculum:

Sr. No.	Modules / Units
1	**Introduction to Economy of Maharashtra** (12 Lectures)
	1.1 Location and administrative divisions- Important features of the economy of Maharashtra 1.2 land, forest, climate and rainfall, fisheries and mineral resources-Formation of Maharashtra state 1.3 Sanyukt Maharashtra Movement 1.4 structural changes in state domestic product since 1991 1.5 Maharashtra's place in India in various economic indicators.
2	**Demography of Maharashtra** (12 Lectures)
	2.1 Size and growth rate 2.2 Density- Birth rate, Death rate and infant mortality rate 2.3 Urban and rural population -Literacy rate - Sex ratio - Migration - Labour force - SC and ST population 2.4 Employment Guarantee Scheme (EGS) 2.5 Unemployment and poverty.
3	**Agriculture Development in Maharashtra** (12 Lectures)
	3.1 Significance of agriculture in the economy of Maharashtra 3.2 Land utilisation in Maharashtra 3.3 Cropping pattern and per hectare yield -Trends in land productivity 3.4 Land reforms –Intensity of irrigation - Inequalities in land distribution in Maharashtra 3.5 Cooperatives in Maharashtra 3.6 Agricultural finance 3.7 Food security-Concept of PDS- Buffer stock of foodgrains- Allocation 3.8 Issue of farmers suicide 3.9 Agricultural policy in Maharashtra.
4	**Module 4: Industrial Sector & Service Sector in Maharashtra** (12 Lectures)
	4.1 Major manufacturing industries 4.2 Important ratios of industrial groups in Maharashtra 4.3 Incentives and promotions to various industries in Maharashtra 4.4 Industrial policy of Maharashtra 2019 and 2024 4.5 The role of MIDC, SICOM, MSFC, SEZ in industrial development 4.6 Foreign Direct Investment (FDI) in Maharashtra since 1991 4.7 Role of service sector in the economy of Maharashtra - sector in employment - Banking and finance.

Learning Resources recommended:

1. Jungale Mangala (2008): Maharashtrachi Arthvyavastha (Marathi), Prashant Publications, 17, Stadium Shopping Centre, Opp. State Bank, Jalgaon –age No. 9 to 19.

2. Kurulkar R. P. (1997): Maharashtrachi Arthvyavastha (Marathi), Vidya Prakashan, Ruikar Marg, Nagpur. Page No. 153 to 179.

3. Munagekar Bhalchandra (2003) :The Economy of Maharashtra – Changing Structure and Emerging Issues, Dr. Ambedkar Institute of Social and Economic Change, Mumbai.

4. Patil J. F. (2010) :Suvarna Mahotsavi Maharashtrachi Badalati Arthvyavastha (Marathi), Abhijit Pratap Pawar, Sakal Papers Ltd., 595, Budhwar Peth, Pune-411002Page No. 41 to 57.

5. Pansare Govind (2012) :Maharashtrachi Arthik Pahani – Paryayi Drushtikon (Marathi), Shramik Pratishthan, Red Plug Bldg.,Bindu Chowk, Kolhapur, Page No. 159 to 195.

6. World Bank (2002) India: Maharashtra Reorienting Govt. to Facilitate Growth and Reduce Poverty

Syllabus of Courses of Third Year Bachelor of Arts (TYBA Economics) Programme at Semester- V
With Effect from the Academic Year 2023-2024

Name Of The Course	**History of Economic Thought - I**
Course Code	UAECO510
Class	BA
Semester	V
No of Credits	3
Nature	Theory
Type	Major: Elective
Relevance with Employability/ Entrepreneurship/ Skill development	This paper introduces students to the varied concepts of economics of Finance. It aims at importing knowledge about the basic models of investment and portfolio analysis, including the CAPM. The paper is designed to throw light on the valuation of assets, derivatives and options in addition to patterns of corporate financing which will be based on case study approach.

HISTORY OF ECONOMIC THOUGHT - I
Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	**Classical Economics**	12
2	**Neo-Classical Economics**	12
3	**Keynesian Ideas**	12
4	**Post-Keynesian Economics**	12
	Total	**48**

Course Outcomes:

At the end of the Course, the Learner will be able to

    CO1 - Students will get information about the genesis of Economics and its modern scenario.

    CO2 - Establish the co-relation of Economics with other subjects.

Curriculum:

Sr. No.	Modules / Units
1	**Classical Economics** **(12 Lectures)**
	1.1 Mercantilism and Physiocracy 1.2 Introduction -Adam Smith: Liberalism -Division of Labour -Theory of Value 1.3 David Ricardo: Rent Theory- Wage Theory - Theory of Value 1.4 Karl Marx: Surplus Value Materialistic Interpretation of History -Scientific Socialism
2	**Neo-Classical Economics** **(12 Lectures)**
	2.1 Alfred Marshall : Thought on Value - Representative Firm - Consumer's Surplus Internal and External Economies-Quasi Rent – 2.2 Schumpeter: Economic Development And Innovation- 2.3 Pigou: Welfare Economics.
3	**Keynesian Ideas** **(12 Lectures)**
	3.1 Employment Theory- Money- 3.2 Wage Rigidity Model- 3.3 Multiplier and accelerator and their interaction – 3.4 Trade Cycle – 3.5 Inflation 3.6 Role of Fiscal Policy – 3.7 Keynesian Economics and Developing Countries.
4	**Post-Keynesian Economics** **(12 Lectures)**
	4.1 Supply Side Economics – 4.2 Hayek's Theory of Trade Cycle- Life Cycle theory Consumption- 4.3 Friedman: Theory of Demand for Money – 4.4 Long-Run Philips Curve – 4.5 Mankiw's New Keynesian Model – 4.6 Stagflation.

Learning Resources recommended:

1. Dasgupta A. K, Epochs of Economic Theory Oxford University Press. New Delhi, 1985.

2. Ernesto Screpanti and Stefano Zamagni, An Outline Of The History Of Economic Thought, Oxford University Press Inc., New York, 5005.

3. Ghosh and Ghosh: Concise History of Economic Thought, Himalaya Publishers.

4. Gide, O. and G. Rist, A History of Economics Doctrine. George Harrop Co. London. 1956.

5. Harry Landreth and David C. Colander, History of Economic Thought, Houghton Mifflin Company Boston Toronto, 2001.

6. Roll, E., A History of Economics Thought. Faber Landon, 1973.

Third Year Bachelor of Arts (TYBA Economics) Programme
Under Choice Based Credit System (CBCS)
Course Structure

No. of Courses	Semester - VI	Credits
	Group-I : Core Papers	
UAECO601	Advanced Macroeconomics – III	4
UAECO602	International Economics	4
	Group-II : Elective Papers	
UAECO603 UAECO604	Indian Financial System-II **OR** Economics of AgricultureAnd Co - Operation – II	3
UAECO605 UAECO606	Research Methodology – II **OR** Quantitative Economics - II	4
UAECO607 UAECO608	Environmental Economics –II **OR** Economics of Insurance - II	4
UAECO609 UAECO610	Economy Of Maharashtra – II **OR** History of Economic Thoughts – II	3
	Total Credits	**22**

Name of the Course	Advanced Macroeconomics -III
Course Code	UAECO601
Class	BA
Semester	VI
No of Credits	4
Nature	Theory
Type	Major- Core
Relevance with Employability/ Entrepreneurship/ Skill development	This course introduces the students to formal modeling of a macro economic theory with analytical tools. Since students have been taught Keynesian Synthesis, this course focuses on four aspects which are the study of Post Keynesian Synthesis, Trade Cycles, Exchange Rate Regimes and International Monetary System.

Advanced Macroeconomics - III
Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Post Keynesian Synthesis	15
2	Trade Cycles	15
3	Exchange Rate Regimes and Currency Crises	15
4	International Monetary System	15
	Total	**60**

Nomenclature: Advanced economics

Course Outcomes:

CO-1 To make student aware about Post Keynesian Synthesis and understand various aspects of Trade Cycles.
CO-2 Students will be able to describe the contemporary Exchange Rate Regimes and International Monetary System.

Curriculum:

Sr. No.	Modules / Units
1	**Post Keynesian Synthesis** (15 Lectures)
	1.1 Derivation of Aggregate Demand Curve with IS-LM 1.2 Aggregate Supply Curve – 1.3 Determination of Equilibrium National Income and Price Level under Aggregate Demand and Aggregate Supply Model – 1.4 Extension of IS-LM Model with Labour Market and Flexible Prices – 1.5 Natural Rate of Unemployment- Long run Philips Curve – 1.6 Friedman's Expectation Model - Tobin's Modified Philips Curve – 1.7 Adaptive Expectations and Rational Expectations.
2	**Trade Cycles** (15 Lectures)
	2.1 Meaning- Nature- Features and Types of Trade Cycles - Phases of Trade Cycles – 2.2 Theories of Trade Cycles- Hawtrey's, Kaldor, Paul Samuelson and Hicks – 2.3 Measures to Control Trade Cycles.
3	**Exchange Rate Regimes and Currency Crises** (15 Lectures)
	3.1 Managed Exchange Rate- Advantage and Disadvantage 3.2 Policy of Managed Flexibility- Adjustable Peg System, Crawling Peg System, 3.3 Managed Floating System, Clean and Dirty Floating System 3.4 Balance of Payment and Exchange Rate 3.5 Currency Crisis- Causes, Impact and Measures.
4	**International Monetary System** (15 Lectures)
	4.1 Rise and Fall of International Gold Standard – 4.2 Bretton Woods System- Breakdown of the Bretton Woods System – 4.3 Monetary System after the Collapse of Bretton Woods System – 4.4 Maastricht Treaty, Features, Effects and Importance of Euro- 4.5 Currency Market - Causes and Consequences of Global Economic Crisis – 4.6 Impact of Global Recession on the Indian Economy – 4.7 Asia Infrastructure Investment Bank (AIIB) – 4.8 New Development Bank (NDB): 4.9 Asian Development Bank (ADB).

Learning Resources recommended:

1. Blanchard, Oliver (2008), Macroeconomics, Pearson education, New Delhi, India.
2. Dornbusch, Fisher and Startz (2018): Macroeconomics, McGraw Hill Education (India) Pvt. Ltd.
3. Mankiw N Gregory (2003), Macroeconomics, 6" edition, Worth Publishers, New York.
4. Patil J. F (2005, Marathi Edition), Macroeconomic Analysis, Phadke Prakashan, Kolhapur.
5. Rana K. C. & Verma K.N (2017), International Economics, Vishal Publishing CO. Jalandhar.
6. Salvatore D. (1997), International Economics, Printice Hall, New York.

Syllabus of Courses of Third Year Bachelor of Arts
(TYBA Economics) Programme at Semester- VI
With Effect from the Academic Year 2023-2024

Name of the Course	**International Economics**
Course Code	UAECO602
Class	BA
Semester	VI
No of Credits	4
Nature	Theory
Type	Major: Core
Relevance with Employability/ Entrepreneurship/ Skill development	This paper introduces the concepts, theories, process and policies regarding growth and development. The meaning of the development as it has evolved over the years is clarified. The contemporary as well as classical theories of growth, development, and underdevelopment are considered in detail. Theories and issues related to population, poverty, inequality and human capital are considered. Urban and rural aspects of the development process studied. Importance of technology, infrastructure and planning in development process are considered. The approach has been to cover all important areas of development economics.

INTERNATIONAL ECONOMICS
Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	**Introduction to Trade Theories**	15
2	**Balance of Trade and Balance of Payment**	15
3	**Foreign Exchange Market**	15
4	**International Economic Institutions and Economic Integration**	15
	Total	**60**

Course Outcomes:

At the end of the Course, the Learner will be able to

    CO1 Students will be able to understand the trade theories and determinants of trade which
        helps   them to analyze the international trade policies.

    CO2 Students will be able to understand the role of various international institutions and trade
        blocks and their approaches in framing the policies for trade.

Curriculum:

Sr. No.	Modules / Units
1	**Module 1: Introduction to Trade Theories (15 Lectures)**
	1.1 Meaning, scope and importance of International Trade- Difference between Internal and International Trade 1.2 Adam Smith's Theory of International Trade 1.3 Ricardian theory of comparative cost difference 1.4 Heckscher- Ohlin Theory 1.5 Leontief's Paradox- 1.6 Krugman's Model
2	**Module 2: Balance of Trade and Balance of Payment (15 Lectures)**
	2.1 Concepts of Terms of Trade(Net barter, Gross barter and Income terms of trade) 2.2 Meaning and difference between Balance of Trade (BOT) 2.3 Balance of Payment (BOP)- 2.4 Purchasing Power Parity theory, 2.5 Law of Reciprocal Demand- 2.6 Marshall-Edgeworth Offer curves, 2.7 Gains from trade- 2.8 Case for and against Free Trade and Protection policy
3	**Module 3: Foreign Exchange Market (15 Lectures)**
	3.1 Meaning and Functions of Foreign Exchange Market- 3.2 Exchange rate determination, 3.3 Factors influencing foreign exchange rate 3.4 Managed Flexibility-SWAP Market 3.5 Components of foreign exchange reserves 3.6 Foreign Aid Vs. Foreign Trade 3.7 FDI and MNCs
4	**Module 4: International Economic Institutions and Economic Integration (15 Lectures)**
	4.1 IMF, World Bank - Role and functions-WTO-Objectives, Functions and Agreements with respect to TRIPS,TRIMS, GATS, AoA – 4.2 Forms and objectives of Economic Integration 4.3 Cartels-Trade Blocs, ASEAN- European Union (EU) 4.5 NAFTA and SAARC.

Learning Resources recommended:

1. Appleyard Dennis and Alfred j Field, Jr, International Economics, 2001, 4th Edition, Tata McGraw-Hill Education Private Limited.
2. Cherunilam Francis, International Economics, 2009, 5th Edition, Tata McGraw-Hill Education Private Limited, New Delhi.
3. Krugman R Paul, Maurice Obstefeld, International Economics Theory and Policy, 2009, 8th Edition, Pearson.
4. Melitz M. and Trefler D., Gains from Trade When Firms Matter, Journal of Economic Perspectives, Spring 2012.
5. Salvatore, Dominick, International Economics, 2008, 8th Edition, Wiley India.
6. Sodersten, Bo and Geoffery Reed, International Economics, 2006, 3rd Edition.

Syllabus of Courses of Third Year Bachelor of Arts (TYBA Economics) Programme at Semester- VI
With Effect from the Academic Year 2023-2024

Name of the Course	**Indian Financial System – II**
Course Code	UAECO603
Class	BA
Semester	VI
No of Credits	03
Nature	Theory
Type (applicable to NEP only)	Elective
Highlight revision specific to employability/ entrepreneurship/ skill development (if any) 100 words	In this semester the students get introduced with various aspects related to Indian Financial system. Indicators of financial development will be introduced and overview of financial sector reforms will be undertaken. Students will be able to understand performance, progress and issues in Indian Banking system. An overview of development of non-banking institutions in India will be undertaken. Students will also be introduced with traditional, modern and hybrid financial instruments

INDIAN FINANCIAL SYSTEM – II
Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	**Money Market and Debt Market**	12
2	**Capital market**	12
3	**Derivatives Market**	12
4	**Financial Services in India**	12
	Total	**48**

Course Outcomes:

At the end of the Course, the Learner will be able to

    CO1- Focuses on features and functioning of financial markets as well as reforms therein.

    CO2- Empowers students about the evolution and significance of financial services, overview of new products and practices in the provision of financial services.

    CO3. Project work based on empirical case studies involving data analysis.

Curriculum:

Sr. No.	Modules / Units
1	**Money Market and Debt Market** **(12 Lectures)**
	1.1 Money market: meaning and functions- Structure of money market in India (dichotomous & heterogeneous) – 1.2 Participants and instruments in Indian money market- Features of Indian money market - Reforms in Indian money market – 1.3 Role of the RBI. 1.4 Debt market: meaning & functions - Segments in debt market- Participants & instruments in debt market – 1.5 Role of intermediaries and the government in debt market - Recent trends in India's debt market.
2	**Capital market** **(12 Lectures)**
	2.1 Capital market: meaning, role and factors affecting growth of capital market - Structure of capital market- 2.2 New issues or primary market: features, participants & intermediaries – 2.3 Overview of issue mechanisms or methods of raising primary issues- 2.4 Reforms in primary segment of Indian capital market & role of the SEBI. 2.5 Secondary market: features, participants & intermediaries – 2.6 Listing of securities: types, advantages, requisites of listing – 2.7 Basic mechanism of trading in securities – 2.8 DEMAT- introduction to major stock exchanges in India: BSE, NSE and OTCEI- 2.9 Reforms in secondary segment of Indian capital market.
3	**Derivatives Market** **(12 Lectures)**
	3.1 Derivatives: Need and significance - Participants in derivative markets- Types of derivatives (a. based on the underlying entity- financial, commodity, foreign currency, credit & interest rates and b. based on instruments- forwards, futures, options, swaps) – 3.2 Pricing of derivatives: futures pricing, cost-of-carry model, options pricing – 3.3 Derivative markets in India: evolution & growth, NCDEX, MCX 3.4 regulation of derivatives trading in India.
4	**Financial Services in India** **(12 Lectures)**
	4.1 Insurance: meaning, types, evolution and growth, 4.2 E-portal for insurance policies, 4.3 IRDA and PFRDA- 4.4 Mutual Funds: meaning, composition, advantages, types of schemes-Evolution & growth, AMFI 4.5 Merchant banking: Evolution & growth, scope and recent developments in India – 4.6 Credit rating: meaning, role and significance, agencies- depository services.

Learning Resources recommended:

1. Bhole, L. M. (2008): Financial Institutions and Markets, Growth and Innovation, Tata McGraw-Hill, New Delhi.
2. Khan, M.Y. (2007): Financial Services, Tata McGraw Hill, New Delhi.
3. M.Y. Khan, Indian Financial System
4. Pathak, Bharati (2008): The Indian Financial System –Markets, Institutions, and Services, (2nd Edition), Pearson Education, New Delhi.
5. Rajesh Kothari, Financial Services in India: Concept and Application
6. Vasant Desai, Indian Financial system.

Name of the Course	Economics of Agriculture and Co-Operation-II
Course Code (refer to student handbook)	UAECO604
Class	BA
Semester	VI
No of Credits	03
Nature	Theory
Type (applicable to NEP only)	Elective
Highlight revision specific to employability/ entrepreneurship/ skill development (if any) 100 words	This paper provides an overview of the role of agriculture in the economic development of the country and the salient features associated to agricultural productivity and agricultural labour. The pertinent aspects related to agricultural credit, agricultural marketing as well as the global problems existing in the marketing are dealt in. Students can acquire understanding about the features of agricultural policy and the agrarian crisis as well as the problems and challenges in the field of Agriculture and cooperation.

ECONOMICS OF AGRICULTURE AND CO-OPERATION-II
Modules at a Glance

Sr. No.	Modules	No. of Lectures
1.	Co-operation	12
2.	Co-operative Finance in India	12
3.	Agricultural Co-operatives	12
4.	Co-operative Organizations in India	12
	Total	**48**

Course Outcomes:

At the end of the Course, the Learner will be able to

CO1- Students can understand the basic Principles of Cooperation, Globalization and Cooperation.

CO2- Provides information about co-operative Movement in India and its performance and role in rural development.

CO3- Students get introduced to the problems and measures of agro industries and Cooperative farming and Leadership in cooperative development

Curriculum:

Sr. No.	Modules / Units
1	**Co-operation** (12 Lectures)
	1.1 Meaning and features of Co-operation 1.2 Principles of Co-operation (Manchester-1995) 1.3 Role of Co-operation in Economic development 1.4 Globalization and Co-operation 1.5 Importance and Benefits of Co-operation 1.6 Co-operative Movement in foreign Countries 1.7 Consumer Cooperative Movement in U.K 1.8 Agricultural Cooperative Movement in Israel
2	**Co-operative Finance in India** (12 Lectures)
	2.1 Co-Operative Finance: Need, Structure. Progress and Problems 2.2 National Co-operative Development Corporation (NCDC) 2.3 Farmers service societies 2.4 Urban Co-operative banks
3	**Agricultural Co-operatives** (12 Lectures)
	3.1 Role and Types of Agro-Industries - Problems and Measures of Agro-Industries 3.2 Sugar and Dairy Co-operatives 3.3 Food and Fruits Processing Industry 3.4 Co-Operative Farming.
4	**Co-operative Organizations in India** (12 Lectures)
	4.1 Consumer Co-operatives 4.2 Co-operative Marketing 4.3 NAFED 4.4 Housing Co-operative societies 4.5 Labour Co-operative societies 4.6 Leadership in Cooperative development 4.7 Concept of Co-Operatives Audit.

Learning Resources Recommended:

1. Bedi R. D. (2001), Theory, History and Practice of Co-Operation, International Publishing House, Meerut (U.P.).
2. Government of Maharashtra - Co-operative movement at a Glance (latest annual report).
3. Hajela T.N, (2000), principles, problem and practice of Co-operation, Agarwal Publication,New Delhi.
4.Mathur B. S, (2000), Co-Operation in India, Sahitya Bhavan, Agra.
5. Matthai John, (1996), Agricultural Co-Operation in India, Reliance Publishing House, New Delhi.
6. Swami Krishna, (1985), Fundamentals of Co-Operation, S. Chand and Company Ltd, New Delhi.

Syllabus of Courses of Third Year Bachelor of Arts (TYBA Economics) Programme at Semester- VI
With Effect from the Academic Year 2023-2024

Name of the Course	**Research Methodology –II**
Course Code (refer to student handbook)	UAECO505
Class	BA
Semester	VI
No of Credits	04
Nature	Theory
Type (applicable to NEP only)	ELECTIVE
Highlight revision specific to employability/ entrepreneurship/ skill development (if any) 100 words	The objective of this paper is to integrate the developmental perspectives and theories to enable the students to understand the complexity of developing economies and the related economic challenges. The students get to critically reflect on the major economic ideas in development parlance

RESEARCH METHODOLOGY –II
Modules at a Glance

Sr. No.	Modules	No. of Lectures
1.		15
2.		15
3.		15
4.		15
	Total	**60**

Course Outcomes:

At the end of the Course, the Learner will be able to

CO1- The learners get assimilated to the research culture in Economics through application of statistics.

CO2- The learners will understand the concept of index number with its use and applications.

CO3- The course will help in formulation of hypotheses and its testing in social science research.

CO4- The students will understand the writing of social science research reports with its various types, organization and styles.

Curriculum:

Sr. No.	Modules / Units
1	**Application of Statistics in Research** (15 Lectures)
	1.1 Methods of studying correlation- measurement of simple correlation: graphic method- Scatter diagram 1.2 Coefficient of correlation- Karl Pearson and rank correlation- Interpretation of r = +1. 1.3 Linear regression analysis: Meaning, regression lines, regression equation, regression equation relationship between correlation and regression 1.4 Analysis of time series- Components- Trend analysis- Moving averages (3, 4 and 5 Yearly)- Method of least square.
2	**Index Number** (15 Lectures)
	2.1 Meaning and classification of index number - Problems encountered while constructing index numbers- Uses and limitation of index numbers 2.2 Methods of constructing index numbers: Simple index: i) Aggregate method ii) Simple average of Relative method - Weighted index: Laspeyer's, Paache's, Fisher's and Marshall-Edgeworth - Base shifting 2.3 Deflating and Cost of living index number: Weighted average of Relative method - Aggregate Expenditure method- Chain based index - Concepts of base shifting, splicing, and deflating 2.4 Consumer price index- Meaning, need and construction.
3	**Hypothesis Formulation and Testing** (15 Lectures)
	3.1 Definition and functions of Hypothesis - Criteria of workable Hypothesis 3.2 Forms and sources of hypothesis- Concepts in testing of hypothesis: Universe / Population parameter and sample statistics 3.4 Types of hypotheses: Null and Alternative Hypotheses 3.5 Levels of significance-Critical region -Type I and Type II Errors -Student t- test.
4	**Research Report Writing** (15 Lectures)
	4.1 Types of research reports: Technical, Popular, Interim, Summary, Article- Format of a research report 4.2 Principles of writing the research report: Organization and style - Contents- Styles of reporting- Steps in drafting reports- Editing the final draft-Evaluating the final draft -4.3 Organization of the research report: Preliminaries, Contents of report, 4.3 Structuring the report: Chapter format- Pagination- Identification- Using quotations, Presenting footnotes- Abbreviations- Presentation of tables and figures- Referencing documentation-Use and format of appendices- Indexing - Bibliography, Appendices.

Learning Resources recommended:

References:

1. Allen, T. Harrell (1978), New methods in social science research, Praeges Publishes, New York

2. Bhandarkar P.L.,(1994), Samajik Sanshodhan Padhati, Himalaya Publication, New Delhi, (Marathi)

3. Ghosh, B.N, (1992). Scientific methods and social research, Sterling publishers Pvt. Ltd, New Delhi.

4. Gupta S. P, (1987), Statistical methods, Sultan Chand and Sons, New Delhi

5. Kothari R.C. (2008), Research methodology, methods and techniques, New Age International Publishers, 2nd revised edition, New Delhi.

6. Krishnaswamy O.R. (1993), Methodology of research in social sciences, Himalaya Publishing House, Mumbai

Syllabus of Courses of Third Year Bachelor of Arts (TYBA Economics) Programme at Semester- VI
With Effect from the Academic Year 2023-2024

Name of the Course	**Quantitative Economics – II**
Course Code	UAECO606
Class	BA
Semester	VI
No of Credits	4
Nature	Theory
Type	Major: Elective
Relevance with Employability/ Entrepreneurship/ Skill development	This paper introduces students to the varied concepts of economics of Finance. It aims at importing knowledge about the basic models of investment and portfolio analysis, including the CAPM. The paper is designed to throw light on the valuation of assets, derivatives and options in addition to patterns of corporate financing which will be based on case study approach.

QUANTITATIVE ECONOMICS – II

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	**Techniques and applications of partial derivatives**	15
2	**Integral Calculus**	15
3	**Correlation and Regression Analysis**	15
4	**Index Numbers and Sampling Methods**	15
	Total	**60**

Course Outcomes:

At the end of the Course, the Learner will be able to

CO1 - Upon the completion of course Students will be able to apply the techniques of derivatives and integration to economic theory.

CO2 - Students can handle time series data and interpret the results.

Curriculum:

Sr. No.	Modules / Units
1	**Techniques and applications of partial derivatives** (15 Lectures)
	1.1 Functions of several variables and partial derivatives 1.2 Second order partial derivatives 1.3 Optimization of multivariable functions-Constrained optimization with Lagrange multiplier and its economic interpretation 1.4 Marginal productivity, Income and cross price elasticity of demand 1.5 Homogeneous production functions and returns to scale 1.6 Cobb- Douglas production function
2	**Integral Calculus** (15 Lectures)
	2.1 Integration and Definite integral; area under the curve 2.2 Economic applications - Present value of cash flows (present value of a sum to be received in future and present value of a stream of future income) 2.3 Consumer's and Producer's Surplus.
3	**Correlation and Regression Analysis** (15 Lectures)
	3.1 The meaning and significance of Correlation; Scatter plot of Bivariate Distributions; 3.2 Correlation and Causation - Karl Pearson's coefficient of correlation: 3.3 Spearman's rank correlation coefficient – 3.4 Simple regression analysis- Method of Least Squares and Regression Lines, 3.5 Regression Coefficients, Relationship between correlation coefficients and regression coefficients, 3.6 Estimation and forecasting of trend by the Least Squares Method.
4	**Index Numbers and Sampling Methods** (15 Lectures)
	4.1 Simple and composite index numbers- 4.2 Construction, uses and problems of index numbers 4.3 Laspeyre's, Paasche's and Fisher's Index numbers 4.4 Cost of living index numbers-real income – 4.5 wholesale price index number- Splicing of index numbers, 4.6 Sampling -Principal steps in a sample survey, methods of sampling, the role of sampling theory.

Learning Resources recommended:

1. Chiang A.C (1984). Fundamental Methods of Mathematical Economics, 3rd ed., MeGraw-Hill.
2. Dowling Edward T. (1993). Theory and Problems of Mathematical methods for Business and Economics. McGraw - Hill.
3. Dowling Edward T. (2004). Introduction to Mathematical Economics Schaum's Outline Series in Economics, Tata McGraw Hill.
4. Gupta S.P. (2014). Statistical Methods, S. Chand publishing.
5. Lerner Joel J and P. Zima (1986). Theory and Problems of Business Mathematics. McGraw Hill.
6. Sancheti D.C. and V.K. Kapoor (2014). Statistics-Theory Methods and Applications, S. Chand.

Syllabus of Courses of Third Year Bachelor of Arts (TYBA Economics) Programme at Semester- VI
With Effect from the Academic Year 2023-2024

Name of the Course	**Environmental Economics – II**
Course Code	UAECO607
Class	BA
Semester	VI
No of Credits	4
Nature	Theory
Type	Major: Elective
Relevance with Employability/ Entrepreneurship/ Skill development	This paper introduces students to the varied concepts of economics of Finance. It aims at importing knowledge about the basic models of investment and portfolio analysis, including the CAPM. The paper is designed to throw light on the valuation of assets, derivatives and options in addition to patterns of corporate financing which will be based on case study approach.

ENVIRONMENTAL ECONOMICS – II

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	**Environmental Degradation**	15
2	**Environmental Accounting**	15
3	**Sustainable Development and India**	15
4	**Environmental Policy in India**	15
	Total	**60**

Course Outcomes:

At the end of the Course, the Learner will be able to

CO1. Students are empowered about the environmental challenges and the need for environmental accounting

CO2. Develop understanding on the policy measures to attain SDGs

Curriculum:

Sr. No.	Modules / Units
1	**Environmental Degradation** (**15 Lectures**)
	1.1 Concept and types of Environmental Degradation; 1.2 Renewable and Non-renewable natural resources: 1.3 Land, Air, Water and Noise Pollution: Causes, effects and measures.
2	**Environmental Accounting** (**15 Lectures**)
	2.1 Accounting for environmental and natural resources: Meaning and importance; 2.2 System of Environmental-Economic Accounting (SEEA) 2.3 Environmental and Natural Resources Accounting (ENRA); 2.4 Integration of Environmental Accounts with System of National Accounts: 2.5 Green GDP; Concept of Green Growth and its Indicators; 2.6 Concepts of Green Consumer and Green Business.
3	**Sustainable Development and India** (**15 Lectures**)
	3.1 Concept of Sustainable Development; Characteristics and dimensions of Sustainable Development; 3.2 Sustainable Development Goals and Measures with special reference to India; 3.3 Smart Cities Mission in India; 3.4 National Mission For Sustainable Agriculture (NMSA): Objectives, strategy and components.
4	**Environmental Policy in India** (**15 Lectures**)
	4.1 Overview of laws to improve the environment in India; 4.2 Central pollution Control Board; 4.3 Industrial Pollution Control Measures in India; 4.4 Pradhan Mantri Ujjwala Yojana (PMUY); 4.5 National Green Tribunal. 4.6 Environmental Education in India.

Learning Resources recommended:

1. Barry Field and Martha k Field: Environmental Economics, McGraw Hill International Edition, 2017.

2. Bhattacharya R.N. (Ed) (2001), Environmental Economics: An Indian Perspective, Oxford University Press, New Delhi.

3. Charles Kolstad : Environmental Economics, Oxford University Press, New York, 2000.

4. Hanley Nick, Shogren Jason and White Ben: Introduction to Environmental Economics, Oxford University Press, 2001.

5. Kaltschmitt, Martin, Streicher, Wolfgang, Wiese, Andreas, Renewable Energy: Technology, Economics and Environment, Springer, Germany, 2007.

6. V.S. Ganesamurthy: Environmental Economics in India, New Century Publications, New Delhi, 2009.

Name of the Course	**Economics of Insurance – II**
Course Code	UAECO608
Class	BA
Semester	VII
No of Credits	4
Nature	Theory
Type	Major: Elective
Relevance with Employability/ Entrepreneurship/ Skill development	This paper introduces students to the varied concepts of economics of Finance. It aims at importing knowledge about the basic models of investment and portfolio analysis, including the CAPM. The paper is designed to throw light on the valuation of assets, derivatives and options in addition to patterns of corporate financing which will be based on case study approach.

ECONOMICS OF INSURANCE – II
Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	**Introduction to Life Insurance**	15
2	**Fundamentals of Life, General and Health Insurance**	15
3	**IRDAI & Rural Insurance**	15
4	**Information Technology & Marketing in Insurance**	15
	Total	**60**

Course Outcomes:

At the end of the Course, the Learner will be able to

CO1. Identify and define basic terms and concepts of insurance

CO2. Describe the importance of insurance for an individual and the economy

CO3. Understand the concept of risk and its types, and the process of risk management.

Curriculum:

Sr. No.	Modules / Units
1	**Introduction to Life Insurance** (15 lectures)
	1.1 Meaning and Definition, Features of Life Insurance, Benefits of Life Insurance – 1.2 Method of risk classification in Life Insurance - Treatment of Sub-standard risk in Life Insurance – 1.3 Types of life insurance policies -Term insurance plan, Endowment policy – 1.4 ULIP plan - Retirement plan – 1.5 Calculation of net Premium - Calculation of single premium for one year term insurance policy – 1.6 Calculation of single premium for five year term policy – 1.7 Calculation of single premium for pure endowment insurance policy and calculation of single premium for ordinary endowment policy.
2	**Fundamentals of Life, General and Health Insurance** (15 lectures)
	2.1 Functions of Health & General Insurance – 2.2 Underwriting process and methods: Definition - Objectives and Principles of Underwriting 2.3 Life insurance; Group Insurance: Meaning - Importance-Types of Group Insurance schemes.
3	**IRDAI & Rural Insurance** (15 lectures)
	3.1 The Insurance Act, 1938 (as amended). 3.2 The Insurance Regulatory and Development Authority Act, 1999 (as amended). 3.3 The Regulatory Body. 3.4 IRDAL duties- functions-powers and role. 3.5 Rural Insurance: Need and potential of rural insurance. 3.6 IRDAI provisions on obligations of insurers to rural and social sector. 3.7 Need and significance of Micro Insurance.
4	**Information Technology & Marketing in Insurance** (15 lectures)
	4.1 Need for Information technology. 4.2 Technologies for Insurance (Artificial Intelligence and Machine Learning). 4.3 IT application in functional areas. 4.4 Marketing of Insurance products. 4.5 Critical success factors for insurance players. 4.6 Distribution channels. 4.7 Marketing strategies of insurance players in India.

Learning Resources recommended:

1. Dr. MJ Mathew (2005), Insurance Principles & Practice, RBSA Publishers.
2. Dr. PK Gupta (2011), Insurance & Risk Management, Himalaya Publishing House.
3. Mahipal Naresh (2017), Insurance Laws, Central Law Publications.
4. Patukale Kshitij (2016), Mediclaim & Health Insurance, Prabhat Prakashan.
5. PK Gupta (2017), Fundamentals of Insurance, Himalaya Publishing House.
6. Zweifel Peter and Roland Eisen (2012), Insurance Economics, Springer Publication.

Syllabus of Courses of Third Year Bachelor of Arts (TYBA Economics) Programme at Semester- VI
With Effect from the Academic Year 2023-2024

Name of the Course	**Economy of Maharashtra-II**
Course Code	UAECO609
Class	BA
Semester	VI
No of Credits	03
Nature	Theory
Type	Major: Elective
Relevance with Employability/ Entrepreneurship/ Skill development	This paper introduces students to the varied concepts of economics of Finance. It aims at importing knowledge about the basic models of investment and portfolio analysis, including the CAPM. The paper is designed to throw light on the valuation of assets, derivatives and options in addition to patterns of corporate financing which will be based on case study approach.

ECONOMY OF MAHARASHTRA-II
Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	**Infrastructure in the Economy of Maharashtra**	12
2	**Fiscal Policy of Maharashtra**	12
3	**Regional Imbalance in Maharashtra State**	12
4	**Human Development in Maharashtra**	12
	Total	**48**

Course Outcomes:

At the end of the Course, the Learner will be able to

CO1. Students get acquainted with all varied sectors of the economy of Maharashtra

CO2. Awareness on challenges to be faced and measures to tackle the challenges.

CO3. Provides deep understanding on the infrastructural and imbalances confronting the state.

Curriculum:

Sr. No.	Modules / Units
1	**Infrastructure in the Economy of Maharashtra** (12 Lectures)
	1.1 Importance of infrastructure in economic development – 1.1 Types of infrastructure: Economic infrastructure; Energy, Transport & Communication - Sources of energy –Power generation - Existing Capacity - Power crises 1.2 Development of roads - Rail transport- Water transport- Civil aviation- 1.3 Irrigation projects - Communication Network 1.4 Social Infrastructure: Health and education facilities in Maharashtra.
2	**Fiscal Policy of Maharashtra** (12 Lectures)
	2.1 State Finance Commission, budget of state Government – 2.2 Revenue Expenditure - Development and non-development expenditure- 2.3 Capital Expenditure- Development and non-development expenditure – 2.4 Trends in state Government expenditure Share in Central Government tax revenue 2.5 Taxes collected by state Government- Sources of non-tax revenue- 2.6 Capital revenue sources- Trends in state Government revenue
3	**Module 3: Regional Imbalance in Maharashtra State** (12 Lectures)
	1.1 Meaning of regional imbalance 1.2 Nature of regional imbalances in Maharashtra 1.3 Causes of Regional Imbalance in Maharashtra. 1.4 Problems Creates by Regional Imbalance in Maharashtra 1.5 Policy measures by State Government of Maharashtra for Regional Development.
4	**Module 4: Human Development in Maharashtra** (12 Lectures)
	4.1 Concept and importance 4.2 Comparison of HDI with other states in India 4.3 Region-wise HDI 4.4 Indicators of HDI 4.5 District-wise HDI in Maharashtra 4.6 Present situation and problems of weaker section in Maharashtra - Schemes of empowerment of weaker section in Maharashtra 4.7 Women empowerment in Maharashtra.

Learning Resources recommended:

1. Government of Maharashtra: Economic Survey of Maharashtra, Various Issues.
2. Jungale Mangala (2008): Maharashtrachi Arthvyavastha (Marathi), Prashant Publications, 17, Stadium Shopping Centre,Opp. State Bank, Jalgaon -age No. 9 to 19.
3. Munagekar Bhalchandra (2003): The Economy of Maharashtra - Changing Structure and Emerging Issues, Dr. Ambedkar Institute of Social and Economic Change, Mumbai.
4. Pansare Govind (2012) :Maharashtrachi Arthik Pahani — Paryayi Drushtikon (Marathi), Shramik Pratishthan, Red Plug Bldg.,Bindu Chowk,Kolhapur, Page No.159 to 195.
5. Patil J. F. (2010): Suvarna Mahotsavi Maharashtrachi Badalati Arthvyavastha yio)) (Marathi), Abhijit Pratap Pawar, Sakal Papers Ltd., 595, Budhwar Peth, Pune- 411002.
6. World Bank (2002) India: Maharashtra Reorienting Govt. to Facilitate Growth and Reduce Poverty.

Syllabus of Courses of Third Year Bachelor of Arts (TYBA Economics) Programme at Semester- VI
With Effect from the Academic Year 2023-2024

Name of the Course	**History of Economic Thought - II**
Course Code	UAECO610
Class	BA
Semester	VI
No of Credits	3
Nature	Theory
Type	Major: Elective
Relevance with Employability/ Entrepreneurship/ Skill development	This paper introduces students to the varied concepts of economics of Finance. It aims at importing knowledge about the basic models of investment and portfolio analysis, including the CAPM. The paper is designed to throw light on the valuation of assets, derivatives and options in addition to patterns of corporate financing which will be based on case study approach.

HISTORY OF ECONOMIC THOUGHT - II
Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	**Indian Economic Thought**	12
2	**Economic Thought of Mahatma Phule and Gandhi**	12
3	**Economic Thought of Dr. B.R.Ambedkar, G.K.Gokhale and Dr. Manmohan Singh**	12
4	**Nodel Prize Winners in Economics**	12
	Total	48

Course Outcomes:

At the end of the Course, the Learner will be able to

CO1 - Students will get information about the genesis of Economics and its modern scenario.

CO2 - Establish the co-relation of Economics with other subjects.

CO3 - Students will get information about the genesis of Economics and its modern scenario.

CO4 - Students get familiarized with the leading Indian economists who significantly contributed to the stream of Indian economic thought.

Curriculum:

Sr. No.	Modules / Units
1	**Indian Economic Thought** (12 Lectures)
	1.1 Kautilya on welfare state
	1.2 Dadabhai Naoroji's Thoughts on Drain Theory
	1.3 Ranade's Case on Protection
	1.4 R. C. Dutt on Imperialism - Land Tax and Public Finance
	1.5 Gopal Ganesh Agarkar
2	**Economic Thought of Mahatma Phule and Gandhi** (12 Lectures)
	2.1 Mahatma Phule's Views on Agriculture - Reasons of Farmer's Poverty
	2.2 Gandhian Economic Thoughts on Self-Sufficient Village Economy - Dignity of Labour - Trusteeship - and Sarvodaya.
3	**Economic Thought of Dr. B.R.Ambedkar, G.K.Gokhale and Dr. Manmohan Singh** (12 Lectures)
	3.1 Dr.Ambedkar's Case for State Socialism - Problem of Rupee - Public Finance
	3.2 G.K.Gokhale on Development and Welfare
	3.3 Dr. Manmohan Singh's ' Three Steps' to Stem India's Economic Crisis.
4	**Nodel Prize Winners in Economics** (12 Lectures)
	4.1 Dr. Amartya Sen (1998)
	4.2 Robert. A. Mundell (1999)
	4.3 Joseph Stiglitz(2001)
	4.4 Dr. Abhijeet Banarjee (2019)

Learning Resources recommended:

1. B.R.Nanda Gokhale (1977):- The indian moderates and the British raj, Delhi.
2. Ajit K.Dasgupta,A History of Indian Economic Thought, (1993)Routledge London and New York.
3. Bipin Chandra (ed) (1999) Rande's economic writings, Gyan Publication House, New Delhi.
4. Encyclopaedia of Nobel Laureate, Ed's, (2002) R. Kapila & A. Kapila, Academic Foundation.
5. Gandhi. M. K., (1959), India of my dreams, Navjivan publishing house Ahmadabad.
6. R. P. Mansi, Dadabhai Naoroji, (1960) publication Division, Government of India Delhi.

Date: 30/04/2024

Place: Ratnagiri
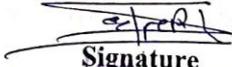
Signature

Chairperson & HoD

Dept. of Economics
Gogate- Jogalekar College
Ratnagiri

Dept. of Economics, R. P. Gogate College of Arts & Science and R. V. Jogalekar College of Commerce(Autonomous), Ratnagiri 60 | Page

Dept. of Economics, R. P. Gogate College of Arts & Science and   R. V. Jogalekar College of Commerce(Autonomous), Ratnagiri 60 | Page