



Janardan Bhagat Shikshan Prasarak Sanstha's

CHANGU KANA THAKUR

ARTS, COMMERCE & SCIENCE COLLEGE, NEW PANVEL (AUTONOMOUS)

Re-accredited 'A+' Grade by NAAC

'College with Potential for Excellence' Status Awarded by UGC

'Best College Award' by University of Mumbai

Program: B.A.

Revised Syllabus of F.Y.B.A. Economics

Choice Based Credit & Grading System (60:40)

w.e.f. Academic Year 2023-2024

Sr. No.	Heading	Particulars
1	Title of Course	Major Economics
2	Eligibility for Admission	12 th Arts of all recognised Board
3	Passing marks	35%
4	Ordinances/Regulations (if any)	
5	No. of Semesters	Two
6	Level	U.G.
7	Pattern	Semester (60:40)
8	Status	Revised
9	To be implemented from Academic year	2023-2024

***Revised Scheme of Examination
Faculty of Arts
(Under-graduate Programmes)***

Choice Based Credit System (CBCS)

❖ **Revised Scheme of Examination**

The performance of the learners shall be evaluated into two components. The learner's Performance shall be assessed by Internal Assessment with 40% marks in the first component by conducting the Semester End Examinations with 60% marks in the second component. The allocation of marks for the Internal Assessment and Semester End Examinations are as shown below:-

A) Internal Assessment: 40 %

40 Marks

Sr. No.	Particular	Marks
01	One periodical class test / online examination to be conducted in the given semester	20 Marks
02	Select any one of the Following (15 Marks each) 1. Group/ Individual Survey Project 2. Presentation and write up on the selected topics of the subjects 3. Case studies / Test based on tutorials 4. Book Review /Poetry Appreciation/ Open Book Test 5. Quiz	15 Marks
03	Attendance and active participation	05

Question Paper Pattern

(Periodical Class Test/ online examination for the Courses at Under Graduate Programmes)

Maximum Marks: 20

Duration: 30 Minutes

Particular	Marks
1. Match the Column / Fill in the Blanks / Multiple Choice Questions/ True/False/Answer in One or Two Lines (Concept based Questions) (1 Marks each)	20 Marks
2. Essay type 3 questions (Solve any Two)	

B) Semester End Examination: 60 %**60 Marks**

- Duration: The examination shall be of 2 hours duration.

Question Paper Pattern**Theory question paper pattern**

1. There shall be five questions each of 12 marks (24 marks with internal options).
2. All questions shall be compulsory with internal options.
3. Question may be subdivided into sub-questions a, b, c... and the allocation of marks depends on the weightage of the unit.

➤ Passing Standard

The learners 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 and Semester End Examination. The learners 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 Grade D, wherever applicable, to pass a particular semester. A learner will be said to have passed the course if the learner passes the Internal Assessment and Semester End Examination together.

Note: 1) It is noted that the concerned regulation of the College is amended and implemented to all Semesters i.e. Semester I to Semester VI to all undergraduate programmes, under faculty of Arts, Commerce and Science with effect from the academic year 2023 - 2024.

2) This revised scheme of evaluation is discussed in detail, finalized and accepted.

Programme outcomes (POs) for B. A.

Sr. No.	Attributes	Programme Outcomes
PO1.	Disciplinary Knowledge	Demonstrate a blend of conventional discipline knowledge and its applications to the modern world. Execute strong theoretical and practical understanding generated from the chosen programme and equip the students with a strong academic perspective.
PO2.	Critical Thinking, Cognitive skills and Problem Solving	Exhibit the skill of critical thinking and use higher order cognitive skills to approach problems situated in their social environment, propose feasible solutions and help in its implementation. The students will be able to comprehend, learn, process and apply knowledge in day to day life.
PO3.	Analytical Skills and Effective Communication	Ability to analyse and evaluate different concepts of problems of society and make students able to develop oral and written communication skills in literature.
PO4.	Competencies for employment and Research	Equip with strong work attitudes and Employment skills that will enable them to work independently as well as collaboratively. Seeks opportunity for research and higher academic achievements in the chosen field and allied subjects.
PO5.	Individuality and Teamwork	Able to work collaboratively and effectively with diverse groups towards personal and common goals. Develop leadership qualities among the learners.
PO6.	Effective Citizenship and Ethics	Demonstrate empathetic social concern and equity centred national development; ability to act with an informed awareness of moral and ethical issues and commit to professional ethics as well as to accomplish their duties and responsibilities as citizens successfully.
PO7.	Social competence	Express oneself clearly and precisely to build good interpersonal relationships in personal and professional life.
PO8.	Environment sustainability	Understand the impact of the scientific solutions in societal and environmental contexts and demonstrate the knowledge of, and need for environmental conservation and sustainability through action.
PO9.	Self-directed and Life-long learning	Acquire the ability to engage in independent and life-long learning in the broadest context of socio-technological changes.
PO10.	Community engagement	Help students to share gifts, pursue justice and demonstrate through communicative solutions, concern for the poor and marginalised

Programme outcomes (PSOs) for B. A. Economics

Name of the Programme B.A.	Programme Coordinator Dr. B. S. Patil	Head of the Department Dr. B. S. Patil
After completing the programme in Economics, students will able to:		
PSO1	Demonstrate progressive knowledge of Economics, finance, taxation, business, Indian economy, Demography, Statistical methods.	
PSO2	Develop managerial career skills applying both quantitative and qualitative knowledge to their future careers business, industry and officers in different sectors of the economy	
PSO3	Develop proficiency with the ability to engage in competitive exams like MPSC, UPSC, IES, ISS, Research analyst's, Bank POs and other courses.	

Programme Code - BA1001

Micro Economics – I

Class:- FYBA	Title:- Microeconomics -I	Major:- I
Paper Code :- UAR1MIE1	Semester : – I	Credits:- 03

Course Outcomes

COs	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	<u>Study</u> basic concepts of micro economics.	Remeber
CO2	<u>Relate</u> the cardinal and ordinal approaches.	Understand
CO3	<u>Examine</u> the market demand and market supply.	Apply
CO4	<u>Compare</u> types of market structure.	Analyze

Module–I: Introduction to Microeconomics 12

Micro economics: meaning, scope, nature, importance and limitations- Basic economic problems – distinguish between micro economics and macroeconomics – positive economics and normative economics – concepts of equation, functions, graph, diagrams, line-slope and intercepts.

Module–II: Consumers Behavior 11

Utility-Cardinal and Ordinal Approaches –Indifference curve: Consumers Equilibrium, Income, Price and Substitution Effect; Giffen Paradox – Revealed preference Hypothesis – Elasticity of Demand: Price, Income, Cross and Promotional – Consumers Surplus –Engel Curve

Module–III: Demand and Supply 11

Demand – Demand function – Law of Demand – Determination of Demand – Supply - Supply function - Law of Supply - Determination of Supply – Elasticity of Demand

Module –IV: Market Structure 11

Concept of Market – Types of Market – Feature of Perfect Competition, Monopoly, Oligopoly, Monopolistic Competition, and Imperfect Competition – Equilibrium Condition of various Markets.

Reference Books -

1. N.Gregory Mankiw, Principles of Microeconomics, 7th edition, Cengage Learning, 2015
2. Sen Anindya (2007), Microeconomics: Theory and Applications, Oxford University Press, New Delhi.
3. Salvatore D. (2003), Microeconomics: Theory and Applications, Oxford University Press, New Delhi.
4. M.L.Jhingam “Microeconomics theory” 5th edition (2006) Vrinda publication (P) Ltd.

Programme Code - BA1002

Micro Economics – II

Class:- FYBA	Title:- Microeconomics -II	Major:- I
Paper Code :- UAR2MIE1	Semester : – II	Credits:- 03

Course Outcomes

COs	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	<u>Identify</u> the various concepts of Production Function.	Remember
CO2	<u>Distinguish</u> the concepts of Cost and Revenue	Understand
CO3	<u>Determine</u> the theories of Factor Distribution	Apply
CO4	<u>Explain</u> the methods of capital budgeting.	Analyze

Module–I:	Production Analysis	12
	Production Function: Concept, Linear-Non Linear, Short and Long Run Production function, Concepts of Total, Average and Marginal Product; Law of Variable Proportion and Returns to Scale, Iso-cost, Isoquant and Producer's Equilibrium	
Module–II:	Cost & Revenue Analysis	11
	Concepts of Costs: Money and Real Cost, Social Cost, Private Cost, Explicit and Implicit Cost, Sunk Cost, Variable Cost, Opportunity Cost; Relationship between Average, Marginal and Total Cost; Derivation of Short Run and Long Run Cost Curves; Concepts of Revenue: Types and Interrelationship	
Module–III:	Theories of Factor Distribution	11
	Marginal Productivity Theory of Distribution; Rent: Ricardian Theory of Rent, Modern Theory of Rent, Quasi Rent; Wages: Modern Theory of Wages; Collective Bargaining; Supply Curve of Labour; Interest: Classical Theory of Interest, Loanable Funds Theory of Interest; Profit: Risk and Uncertainty Theory, Innovation Theory.	
Module –IV:	Capital Budgeting	11
	Meaning and Importance – Need for Capital Budgeting – Difficulties - Steps of Capital Budgeting - Investment Criteria –Payback Period – Net Present Value Method – Internal Rate of Return Methods.	

Reference Books -

1. A. Koutsoyannis, (2015), Modern Microeconomics, 2nd edition, Palgrave Macmillan.
2. Paul Samuelson and W. Nordhaus, (2009), Economics, 19th edition: Economics, McGrawHill Publications.
3. Mankiw M.G (2015), Principles of Micro economics 7 th edition - Cengage Learning.
4. Anindya Sen, (2006), Microeconomics, OUP India Publisher.
5. M.L.Jhingan, (2006), "Microeconomics Theory", 5 th edition,Vrinda Publication (P) Ltd.
6. H.L.Ahuja, (2016), "Advance Economics Theory" S.Chand & Company Ltd.

Programme Code - BA1001

Indian Economy

Class:- FYBA	Title:- Indian Economy -II	Major:- II
Paper Code :- UAR1IE2	Semester : – I	Credits:- 03

Course Outcomes

Cos	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Memorize the Basic concepts of Indian Economy	Remember
CO2	Review the Planning Commission and NITI Ayog.	Understand
CO3	Exercise the measures of Poverty and Unemployment	Apply

Unit :-1. Basics Concept of Indian Economy

(15 Lectures)

Introduction – What is an economy – Types of Economies :- Capitalistic Economy, Socialist Economy and Mixed Economy - Types of economies according to stage of development :- Under developed, Developing and Developed Economy – Sectors of Economy :- Primary, Secondary, Tertiary, Quaternary and Quinary Sectors - Salient Features of Indian Economy – National Income:- GDP, NDP, GDP, NDP.

Unit :- 2. Economic Planning

(15 Lectures)

Concept of Economic Planning - Features of Financial Planning - Need of Planning in India – Types of Planning – Planning Process /Steps - Progress in Pre-Independence Economic Planning in India – Plan Formulation Structure - Five Year Plan of India – NITI Aayog – Structure and Functions.

Unit :- 3. Poverty and Unemployment

(15 Lectures)

Concept, Types and Causes of Poverty, Evolution of Poverty Measurement methods – Policies and Programmes towards poverty alleviation – Concept and Types of Unemployment – Employment and Unemployment Measurement in India - Poverty alleviation and employment generation scheme.

Reference Books –

1. Indian Economy –Gaurav Dutta and Ashwini Mahajan –S. Chand Publication Mumbai -2022
2. Indian Economy –Ramesh Singh –Mc Graw Hill-2023
3. Indian Economy - Ranjan Kolambe – Bhagirath Publication –Pune
4. Indian Economy –Shankarganesh Krupah –Mc Graw Hill-2023

Programme Code - BA1002

Indian Economy

Class:- FYBA	Title:- Indian Economy -II	Major:- II
Paper Code :- UAR2IE2	Semester : – II	Credits:- 03

Course Outcomes

Cos	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	<u>Relate</u> types of production and producers equilibrium.	Remember
CO2	<u>Explain</u> cost and revenue and interrelationship.	Understand
CO3	<u>Develop</u> theories of factor pricing.	Apply

Unit :-1. Infrastructure development

(15 Lectures)

Meaning and Types Infrastructure Development – Nature of Infrastructure – Need and Significance of Infrastructure – The role of infrastructure in economic development - Growth and development of social and economic infrastructure - Water Supply – Sanitation – Housing – Transport – Shipping and Ports – Civil Aviation – Communication (Postal System, Newspapers, Telephone, Radio)

Unit :- 2. Agricultural Sector

(15 Lectures)

Role of Agriculture in Indian Rural Development – Land Reform – Zamindari, Ryotwari and Mahalwari – Green Revolution – Features and Impacts – Indian Council of Agriculture Research (ICAR) - Food Corporation of India (FCI) – Commission for Agriculture Costs and Prices (CACP) –

Unit :- 3. Industrial Sector

(15 Lectures)

Importance of Industries in Economy – Classification of Industries – Make in India - Skill in India – Start up India – Stand Up India - Bharat Nirman Yojana – National Skill Development Policy – Pradhan Mantri Kaushal Vikas Yojana – Pradhanmantri Jan–Dhan Yojana -

Reference Books –

1. Indian Economy –Gaurav Dutta and Ashwini Mahajan –S. Chand Publication Mumbai -2022
2. Indian Economy –Ramesh Singh –Mc Graw Hill-2023
3. Indian Economy - Ranjan Kolambe – Bhagirath Publication –Pune
4. Indian Economy –Shankarganesh Krupah –Mc Graw Hill-2023

Programme Code - BA1001

Economics of Insurance

Class:- FYBA	Title:- Economics of Insurance-III	VSC-I
Paper Code :- UAR1EOI3	Semester : – I	Credits:-02

Course Outcomes

Cos	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Identify and define basic terms and concepts of insurance	Remember
CO2	Observe the importance of insurance for an individual and the economy	Understand
CO3	Judge the concept of risk and its types, and the process of risk management.	Evaluate

Module 1: Introduction

(10 lectures)

Definition of Insurance, Characteristics of Insurance, Principles of Insurance, Distinction between Assurance and Insurance, Purpose and need of insurance, Functions of Insurance, Classification of Insurance, Limitations of Insurance.

Module 2: Risk and Risk Management

(10 lectures)

Concept of Risk, Risk Vs Uncertainty – Loss and chances of loss, Perils, Hazards, Types of Risk, Classification of Pure risk, Elements of insurable risk, Losses and methods of handling pure risk, Asymmetries of information - Adverse selection and Moral hazard in insurance, Risk management process - Risk analysis, Risk control, Risk financing, Risk transfer.

Module 3: Recent Trends in Insurance Sector

(10 lectures)

Insurance and economic development, Insurance institutions as financial intermediaries; insurance institution as investment institution; Growth & Performance of Public & Private Insurance Companies in India: Life and Non-Life sector including foreign collaborations; Disinvestment of LIC, Listing of Public & Private Insurance companies in Stock market; Government policies in insurance – Ayushman Bharat Yojna, Pradhan Mantri Suraksha Bima Yojna, Pradhan Mantri Jeevan Jyoti Bima Yojna.

Reference Books –

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

Programme Code - BA1002

Money and Banking

Class:- FYBA	Title:- Money and Banking-III	VSC-I
Paper Code :- UAR2MAB3	Semester : – II	Credits:-02

Course Outcomes

Cos	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Memorize various measures of Money Supply.	Remember
CO2	Observe the importance of insurance for an individual and the economy	Understand
CO3	Adapt various ways of banking.	Produce

1. Introduction

(10 Lecture)

Meaning and Function of Money – Supply of Money – Constituents – Determinants of Money Supply – Velocity of Circulation of Money – RBI's approach to measurement of Money Supply – High Power Money – Money Multiplier.

2. Demand for Money

(10 Lecture)

Traditional approach to the demand for Money or Classical Demand for Money – Modern Approach to the Demand for Money – Motives of Demand for Money – Prof. Milton Friedman's approach of demand for money – Factors determining demand for Money -

3. Digital Banking Products

(10 Lecture)

Introduction – Cards – ATMs – How to use an ATM – Types of ATMs in India – Charges of ATM – How to deposit ATM Money – Payment Bank in India – Objectives – Scope of Activities – Eligible Promoters – Small Finance Bank – RTGS – NEFT – RuPay

References –

1. Money, Banking and Public Finance –T.N. Hajela –Ane Books Pvt. Ltd- New Delhi-2009
2. Money, Banking and Public Finance – Piyush Agrawal –Mark Publisher Jaipur (India) 2019
3. Banking Theory and Practice – Vikas Publishing HousePvt Ltd

Programme Code - BA1001

Basic Techniques in Research

Class:- FYBA	Title:- Basic Techniques in Research -IV	SEC-I
Paper Code :- UAR1BTR4	Semester : – I	Credits:-02

Course Outcomes

Cos	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	<u>Memorize</u> Basics of research Methodology.	Remember
CO2	<u>Explain</u> cost and revenue and interrelationship.	Understand
CO3	<u>Develo</u> p theories of factor pricing.	Apply

Module: 1 –Introduction

(10 Lectures)

What is Science? - Characteristics of Science - Natural Sciences and Social Sciences - Base of Research - Meaning and Definition of Economic Research - Objectives of Research - Types of Research -Areas of Economic Research -Characteristics of Good Research -Significance of Good Research

Module: 2 –Hypothesis

(10 Lectures)

Meaning of Hypothesis - Sources of Hypothesis - Functions of Hypothesis -Criteria of Good Hypothesis -Importance of Hypothesis-Difficulties in Hypothesizing -Null Hypothesis - Alternative Hypothesis -Difficulties in formation of Hypothesis -Characteristics of hypothesis

Module: 3 - Data collection

(10 Lectures)

Social survey-objectives and types -Interview –Definition, How to conduct interview? -Controlled and Uncontrolled Interview Methods - Focused and Repeated Interview Methods -Merits and Demerits of Interview -Questionnaire-Merits and Demerits -Types of Questionnaire -How to create questionnaire and get response -Secondary Data-Precautions in getting Secondary Data.

References –

1. Research Methodology – C.R. Kothari and Gaurav Garg –New Age International Publishar-Delhi 2020.
2. New Methods of Social Science Research – Allen, T. Harrell- Praeger Publishers-New York, 1978.

Programme Code - BA1002

Basic Techniques in Research

Class:- FYBA	Title:- Basic Techniques in Research -IV	SEC-I
Paper Code :- UAR2BTR4	Semester : – II	Credits:- 02

Course Outcomes

Cos	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Relate types of production and producers equilibrium.	Remember
CO2	Explain cost and revenue and interrelationship.	Understand
CO3	Develo p theories of factor pricing.	Apply

Module: 1- Sampling

(10 Lectures)

Sampling –Use, merits and demerit -Criteria of good sampling - Simple Random Sampling - Systematic Sampling -Stratified Sampling-Multistage Sampling-Accidental Sampling-Purposive or Judgment Sampling-Quota Sampling-Size of The Sample

Module: 2- Classification and Tabulation

(10 Lectures)

Classification - Characteristics of Classification - Objectives of Classification - Base of Classification - Qualitative Classification - Quantitative Classification - Periodical Classification -Classification According to Place - Concepts used in Classification - Characteristics of Ideal Classification.

Module: 3- Tabulation

(10 Lectures)

Meaning and Definition - Parts of Table - Objectives of the tabulation - Characteristics of a Good table - Functions of Tabulation - Tabulation on the Basis of objectives - Tabulation on the - Basis of Size - Tabulation on the Basis of Frequency - Precautions in Preparing Table - Advantages and limitations of Tabulation

References –

1. Research Methodology – C.R. Kothari and Gaurav Garg –New Age International Publisher-Delhi 2020.
2. New Methods of Social Science Research – Allen, T. Harrell- Praeger Publishers-New York, 1978.

Programme Code - BA1001

Basic Economics

Class:- FYBA	Title:- Basic Economics -V	OE-I
Paper Code :- UAR1BE5	Semester : – I	Credits:- 02

Course Outcomes

Cos	After Completing the course , Student will able to	Bloom Taxonomy Level (BTL)
CO 1	Study the basic Concepts of Micro	Remember
CO 2	Visualize the basic Concepts of Macro	Understand

Module: 1. Introduction of Economics & Microeconomics

(15 Lectures)

- 1) Definition of Economics:
 - i) Wealth
 - ii) Welfare
 - iii) Scarcity
 - iv) Growth
- 2) Micro Economics :
 - i) Introduction
 - ii) Definition & meaning of Micro Economics
 - iii) Features of Micro Economics
 - iv) Importance of Micro Economics
 - v) Scope and Subject matter of Micro Economics
- 3) Concept of Demand :
 - i) Definition
 - ii) Types of Demand
 - iii) Elasticity of Demand (Meaning & Types)
- 4) Concept of Supply :
 - i) Definition
 - ii) Types of Supply
 - iii) Elasticity of Supply (Meaning & Types)
- 5) Limitation of Micro Economics

Module: 2. Introduction of Macro Economics

(15 Lectures)

- 1) Definition of Macro Economics
- 2) Scope of Macro Economics
- 3) Importance of Macro Economics
- 4) Concepts of National Income
 - i) GNP
 - ii) NNP
 - iii) GDP
 - iv) NDP
 - v) PI
 - vi) DPI
 - vii) Per Capita Income
- 5) Measurement or Method of National Income
- 6) Difficulties in Measuring National Income
- 7) Concept of Inflation, Types & Causes
- 8) Concept of Budget, Types
- 9) Concept of Poverty
- 10) Macro-Economic Policy
 - i) Monetary Policy- Objectives, Instrument
 - ii) Fiscal Policy- Objectives, Instrument
- 11) Formation, Objectives & Role of NITI Aayog
- 12) Concept of Deficit.

Reference Books :

1. N.Gregory Mankiw, Principles Of Microeconomics, 7th Edition, Cengage Learning, 2015
2. Salvatore D. (2003), Microeconomics: Theory And Applications, Oxford University Press, New Delhi.
3. M.L.Jhingan “Microeconomics Theory” 5th Edition (2006) Vrinda Publication (P) Ltd.
4. Sikdar, S. (2006), Principles Of Macroeconomics, Oxford University Press, New Delhi.
5. Abel, A. B., B. S. Bernanke And D. Croushore (2011), Macroeconomics, Pearson, New Delhi.

Programme Code - BA1002

Basic Economics

Class:- FYBA	Title:- Basic Economics -V	OE-I
Paper Code :- UAR2BE5	Semester : – II	Credits:- 02

Course Outcomes

Cos	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	<u>Capture</u> various measures of Money Supply.	Apply
CO2	<u>Correlate</u> the public expenditure and Public Debt	Analyse

Unit: - 1. Money and Inflation

(15 Lectures)

Meaning and Functions of money – Supply of Money – Determinants of Money of Supply - velocity of Circulation of Money – RBI Approach to Measurement of Money Supply, Inflation – Concept – Types – Causes – Effects – Measures to Control Inflation

Unit: - 2. Public Finance

(15 Lectures)

Public Expenditure – Features of Public Expenditure – Causes of Growing Public Expenditure – Public Debt – Types of Public Debt – Sources of Public Debt – Role of Public Debt – Causes of Growing Public Debt – Effect of Public Debt – Concepts of Deficits – Role of Deficit Financing

References –

1. N.Gregory Mankiw, Principles of Microeconomics, 7th edition, Cengage Learning, 2015
2. Sen Anindya (2007), Microeconomics: Theory and Applications, Oxford University Press, New Delhi.
3. Salvatore D. (2003), Microeconomics: Theory and Applications, Oxford University Press, New Delhi.
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Choice Based Credit & Grading System (60:40)

w.e.f. Academic Year 2020-21

Sr. No.	Heading	Particulars
1	Title of Course	Economics
2	Eligibility for Admission	F.Y.B.A
3	Passing marks	40%
4	Ordinances/Regulations (if any)	
5	No. of Semesters	Two
6	Level	U.G.
7	Pattern	Semester (60:40)
8	Status	Revised
9	To be implemented from Academic year	2020-2021

***Revised Syllabus of Courses of S.Y.B.A. Programme at Semester III & IV
with Effect from the Academic Year 2020-2021***

Preamble

This course is designed to introduce the students to elementary concepts in microeconomics. The student should be able to use these concepts to understand the relevance of microeconomics to the real world. The student should be able to build on these concepts in the future to develop deeper understanding of the Economy as well as the revised syllabus is framed to understand the economic theory and its relevance in decision making.

COURSE CONTENT

SN	Modules	No. of Lectures
1	Module - I	12
2	Module - II	11
3	Module - III	11
4	Module - IV	11
Total		45

Revised Scheme of Examination
Faculty of Arts
(Under-graduate Programmes)

Choice Based Credit System (CBCS)

❖ **Revised Scheme of Examination**

The performance of the learners shall be evaluated into two components. The learner's Performance shall be assessed by Internal Assessment with 40% marks in the first component by conducting the Semester End Examinations with 60% marks in the second component. The allocation of marks for the Internal Assessment and Semester End Examinations are as shown below:-

A) Internal Assessment: 40 %

40 Marks

Sr. No.	Particular	Marks
01	One periodical class test / online examination to be conducted in the given semester	20 Marks
02	Select any one of the Following (15 Marks each) 6. Group/ Individual Survey Project 7. <i>Presentation and write up on the selected topics of the subjects</i> 8. <i>Case studies / Test based on tutorials</i> 9. <i>Book Review /Poetry Appreciation/ Open Book Test</i> 10.Quiz	15 Marks
03	Attendance and active participation	05

Question Paper Pattern

(Periodical Class Test/ online examination for the Courses at Under Graduate Programmes)

Maximum Marks: 20

Duration: 30 Minutes

Particular	Marks
3. Match the Column / Fill in the Blanks / Multiple Choice Questions/ True/False/Answer in One or Two Lines (Concept based Questions) (1 Marks each)	20 Marks
4. Essay type 3 questions (Solve any Two)	

B) Semester End Examination: 60 %

60 Marks

- Duration: The examination shall be of 2 hours duration.

Question Paper Pattern

Theory question paper pattern
4. There shall be five questions each of 12 marks (24 marks with internal options).
5. All questions shall be compulsory with internal options.
6. Question may be subdivided into sub-questions a, b, c... and the allocation of marks depends on the weightage of the unit.

➤ **Passing Standard**

The learners 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 and Semester End Examination. The learners 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 Grade D, wherever applicable, to pass a particular semester. A learner will be said to have passed the course if the learner passes the Internal Assessment and Semester End Examination together.

Note: 1) It is noted that the concerned regulation of the College is amended and implemented to all Semesters i.e. Semester I to Semester VI to all undergraduate programmes, under faculty of Arts, Commerce and Science with effect from the academic year 2023 - 2024.

2) This revised scheme of evaluation is discussed in detail, finalized and accepted

Macro Economics - II
S.Y.B.A. Semester – III Paper II
(Academic Year: 2020 - 21)

Semester-III

Class:- SYBA	Title:- Macroeconomics -II	Paper:- II
Paper Code :- UAR3MAE2	Semester : – III	Credits:- 03

Name of the Programme B.A.	Programme Coordinator Dr. B.S. Patil	Head of the Department Dr. B.S.Patil
Subject Economics	Course: Macro Economics Course Code :	Course Coordinator Prof. K. N. Dhawale
	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Define the concepts of Macro Economics and National Income	Remember
CO2	Interpret the theories of consumption and investment	Understand
CO3	Distinguish between supply of money and demand for money	Analyse
CO4	Compare the banking structure in India.	Evaluate

Module – I: Introduction to Macro Economics and National Income **(12 Lectures)**

Introduction: Meaning and Scope of Macro Economics; Concepts of National Income: GNP, NNP, NDP, Per Capita Income, Personal Income and Disposal Income; Methods and Difficulties in Measurement of National Income; Circular Flow of National Income: Closed Economy (Two and Three Sector) and Open Economy Models (Four Sector Model).

Module – II: Consumption and Investment **(11 Lectures)**

Consumption and Investment; Says Law of Market; Theory of Effective Demand; Consumption Function; Subjective factors and Objective factors, Investment Function; Marginal Efficiency of Capital and Rate of Interest- Investment Multiplier , Accelerator.

Module – III: Supply of Money and Demand for Money **(11 Lectures)**

Supply of Money; Determinants of Money Supply; Velocity of Circulation of Money; RBI's Approach to Measurement of Money Supply; Demand for Money: Classical, Keynesian and Friedman's Approaches.

Module – IV: Banking **(11 Lectures)**

Banking: Commercial Bank, Functions of Commercial Banks, Multiple Credit Creation, Balance Sheet of Commercial Bank; Development in Commercial Banking Sector Since 1990-91; Central Bank: Functions of Central Bank - Traditional, Developmental, Promotional, Exim Bank, NABARD.

Reference

- 1) N. Gregory Mankiw, (2015), Principle of Macroeconomics, 7th edition, Cengage Learning.
- 2) Abel A. B. B. S. Beranake and D. Croushore (2011), Macroeconomics, Pearson, New Delhi.
- 3) Ahuja H. L., (2008), Macroeconomics theory and Policy, S. Chand and company Ltd. New Delhi.
- 4) Dwivedi D.N., (2007), Macroeconomics theory and Policy, TATA Mcgraw – Hill Publication company Ltd. Delhi.
- 5) Dornbusch Rudiger, Fischer, Stanley and Startz, (2017) (Indian Edition), Macroeconomics Delhi: Mcgraw Hill Publication.
- 6) Paul Samuelson and William Nordhaus, (2010), Economics, Mcgraw Hill Publication.

Macro Economics - II
S.Y.B.A. Semester – IV Paper II
(Academic Year: 2020 - 21)

Semester-IV

Class:- SYBA	Title:- Macroeconomics -II	Paper:- II
Paper Code :- UAR4MAE2	Semester : – IV	Credits:- 03
Name of the Programme B.A.	Programme Coordinator Dr. B.S. Patil	Head of the Department Dr. B. S. Patil
Subject Economics	Course : Macro Economics Course Code :	Course Coordinator Prof. K. N. Dhawale
	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Find the inflation in Indian economy	Remember
CO2	Relate the monetary and fiscal policy in India	Understand
CO3	utilize post Keynesian Theories of Economics	Apply
CO4	Examine the relationship between domestic economy and External sectors	Analyse

Module - I: Inflation

(12 Lectures)

The Economics of Depression, Hyper Inflation; Inflation: Features and Causes, Demand Pull Inflation and Cost Push Inflation, Effects of Inflation; Measures to control inflation, Nature of Inflation in Developing Economy; Phillips Curve; Stagflation: Meaning, Causes and Consequences.

Module – II: Economic Policy

(11 Lectures)

Monetary Policy: Objectives, Instruments, Limitations, Role of Monetary Policy in Developing Economies; Fiscal Policy - Objectives, Instruments, Limitations and Role of Fiscal Policy in Developing Economies, Narsimhan committee report 1998, Mutual Fund

Module – III: Post Keynesian Economics

(11 Lectures)

The IS-LM Model of Integration of Commodity and Money Market; IS Curve: Derivation of IS Curve, Shift in IS Curve, Equilibrium in Goods Market; LM Curve: Derivation of LM Curve, Shift in LM Curve, Equilibrium in Money Market; Simultaneous Equilibrium in Goods and Money Market.

Module – IV: External Sector

(11 Lectures)

Balance of Payment: Structure, Disequilibrium in Balance of Payment, Types, Causes and Measures to Correct Balance of Payment Disequilibrium; Foreign Exchange Market: Determination of Exchange Rate: Fixed and Flexible Exchange Rate; Exchange Rate Policy, SEBI.

Reference -

- 1 Richard Froyan, (2012), Macroeconomics: Theories and policies, Pearson Education.
- 2 Eroll D’Souza, (2008), Macroeconomics, Pearson Education.
- 3 Suman Kalyan Chakravarty, (2010), Macroeconomics, Himalaya Publishing House.
- 4 N. Gregory Mnakiw, (2015), Principle of Macroeconomics Cengage Learning.
- 5 Francis Cherunilam, (1999), International Economics, Tata McGraw-Hill.
- 6 Bo Soderstein, (1994), International Economics, Palgrave Macmillan.

SYBA - SEMESTER III
Economics – Paper III
Public Finance

Class:- SYBA	Title:- Public Finance -III	Paper:-III
Paper Code :- UAR3MAE3	Semester : – III	Credits:-03

Name of the Programme B.A.	Programme Coordinator Prof.Dr. B.S. Patil	Head of the Department Prof. Dr. B.S.Patil
Subject Economics	Course: Public Finance Course Code :	Course Coordinator Prof. Dr. B. S. Patil
	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Find out the difference between public finance and Private financ	Remember
CO2	Compare Budget and Taxation	Understand
CO3	Distinguish between public Expenditure and debt	Analyse
CO4	Interpret the Indian Public Finance	Evaluate

Unit – I Introduction

(12 Lectures)

Meaning and Scope of Public Finance; Public Finance versus Private Finance; Market Failure: Public Goods and Private Goods, Externalities, Efficiency versus Equity; Principles of Sound Finance and Functional Finance; Allocation, Distribution, Stabilisation and Growth Functions of the Government.

Unit - II Fiscal Policy: Budget and Taxation

(11 Lectures)

Dalton's and Musgrave Versions of the Law of Maximum Social Advantage; Role of Government in a Modern Economy; Types of Public Budget; Structure of Public Budget; Role of Taxation; Merits and Demerits of Direct and Indirect Tax Policy; Features of Good Tax System; Concept of Impact, Incidence and Shifting of Taxation; Elasticity and Determination of Tax Burden

Unit III Fiscal Policy: Public Expenditure and Debt

(11 Lectures)

Canons of Public Expenditure; Classification of Public Expenditure; Wagner's Law of Public Expenditure; Public Expenditure as an Instrument of Fiscal Policy; Meaning and Types of Public Debt; Burden of Public Debt; Principles of Public Debt Management; Concepts of Deficits

Unit IV Indian Public Finance

(11 Lectures)

Budget of The Government of India (Previous Financial Year); Sources of Public Receipts (Tax And Non-Tax, Introduction To GST); Components of Public Expenditure; Sources of Public Borrowing and Debt Liabilities; Deficits; Appraisal of FRBM Act 2004; Fiscal Federalism: Fourteenth Finance Commission Recommendations

References:

1. J. Hindriks, G. Myles, (2006), Intermediate Public Economics, MIT Press.
2. Harvey Rosen, (2005), Public Finance, Seventh Edition, McGraw Hill Publications.
3. KaushikBasu and Maertens (ed), (2013), The New Oxford Companion to Economics in India, Oxford University Press.
4. Sury M.M., (1990), Government Budgeting in India, Commonwealth Publishers.
5. Bhatia H.L., (2012), Public Finance, Vikas Publications.
6. Report of the Fourteenth Finance Commission, Government of India.

Economics
S.Y.B.A. Semester IV
Paper -III
Indian Economy

Class:- SYBA	Title:- Public Finance -III	Paper:- III
Paper Code :- UAR3MAE3	Semester : – III	Credits:- 03

Name of the Programme B.A.	Programme Coordinator Dr. B.S. Patil	Head of the Department Dr. B. S. Patil
Subject Economics	Course : Indian Economy Course Code :	Course Coordinator Prof. Dr. B. S. Patil
	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Define the various concepts of Indian economy	Remember
CO2	Explain the agriculture policies.	Understand
CO3	Identify the various programmes for Industrial Development	Apply
CO4	Examine the role and nature of service sector in India	Analyse

Module- I: Introduction

(12 Lectures)

Trends in India's National Income and PCI Since 1990; Structural Changes In Indian Economy; Brief Overview of the Employment Generation and Poverty Alleviation Programmes; Regional Inequalities; Measures to Reduce Regional Inequalities in India.

Module - II: Agricultural Sector

(11 Lectures)

Role of Agriculture in Economic Development; Causes of Low Productivity; Agricultural Inputs; Agricultural Price Policy: Recent Minimum Support Price Policy; Income Support for Farmers; Sources of Agricultural Finance; Micro Finance; NABARD: Role and Function; Agricultural Marketing: Structure and Problems; National Policy for Farmers, 2007; Organic Farming Policy; Food Security in India

Module -III: Industrial Sector

(11 Lectures)

Infrastructure for Industrial Development; Industrial Policies in India; Industrial Policy of 1991; Micro, Small and Medium Enterprises (MSMEs): Classification, Role and Policy Measures; Growth of Large Scale Industries and Economic Development; Recent Policies and Programs for Industrial Development: Startup India, Make in India, Skill India; Role and Trends of FDI in Industrial Sector Development

Module -IV: Service Sector

(11 Lectures)

Role of Service Sector in Indian Economy; Growth and Performance of Healthcare; Performance of Trade and Tourism, Information Technology and IT - Enabled Services; Research and Development Services With Reference to Education and Skill Development in Employment Generation in India; Performance of Service Sector during XIIth Five Year Plan

Reference

- 1) Ashwini Mahajan, Gaurav Datt, (2018) 'Indian Economy', S. Chand and Company, New Delhi.
- 2) Brahmananda, P.R. and V.R. Panchmukhi (Eds.), (2001), 'Development Experience in the Indian Economy: Inter-State Perspectives', Bookwell, New Delhi.
- 3) Datt, Ruddra and K.P.M, Sundaram, (2017), 'Indian Economy', S. Chand & Company Ltd., New Delhi.
- 4) Misra, S. K. and V. K. Puri, (2018) 'Indian Economy', Himalaya Publishing House, Mumbai.
- 5) Gaurav Datt and Ashwani Mahajan, (2016) 'Indian Economy', S Chand Publishing House, New Delhi.

Demography

S.Y.B.A. Semester III
Paper –Applied Economics

Class:- SYBA	Title:- Demography -I	Paper:- Applied Economics
Paper Code :- UAR3DEM1	Semester : – III	Credits:- 03

Name of the Programme B.A.	Programme Coordinator Dr. B.S. Patil	Head of the Department Dr. B.S.Patil
Subject Economics	Course: Demography Course Code :	Course Coordinator Prof. Dr. B.S. Patil Dr. S. M. Bhoir
	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Show the nature of Indian Population	Remember
CO2	Relate the theories of population	Understand
CO3	Assess the sources of demographic data in India	Evaluate
CO4	Choose the appropriate methods of calculation	Create

1. Introduction :

- Demography – Its definition, nature and scope, its relation with other disciplines.
- Theories of Population - Malthusian Theory, Optimum theory of population and theory of demographic transition.
- Population growth in India- Causes and Measures.
- Features of Indian population.

2. Sources of demographic data in India :

- Census –Features, Population Census in India, Merits and Demerits of Census.
- Civil Registration System- Merits and Demerits.
- Demographic Survey – National Family Health survey -1, 2 and 3.
- Sample Registration System –Merits and demerits.

3. Techniques of Analysis :

- Crude birth rate and death rate, Age specific birth rate and death rate, standardized birth rate and death rate.
- Study of fertility – total fertility rate, gross reproduction rate and net reproduction rate.

REFERENCES:

1. Agarwal S.S. (1985) - 'India's Population Problem' – Tata McGraw Hill Publication, Bombay.
2. A.K. P.C. Swain (2008) – 'Population Studies' – Kalyani Publications, Ludhiana.
3. Bhende A.A. & Tara Kanitkar (1982) – 'Principles of Population Studies'– Himalaya Publishing House, Bombay.
4. Hans Raj (1984) – 'Fundamentals of Demography' – Surjeet Publication, Delhi.
5. Jhingan, Bhat & Desai – 'Demography' –
6. Dr. D.D.Kachole (2001) – 'Demography' – Kailasha Publication, Aurangabad.

Demography

S.Y.B.A. Semester IV
Paper –Applied Economics

Class:- SYBA	Title:- Demography -I	Paper:- Applied Economics
Paper Code :- UAR4DEM1	Semester : – IV	Credits:- 03

Name of the Programme B.A.	Programme Coordinator Dr. B.S. Patil	Head of the Department Dr. B. S. Patil
Subject Economics	Course : Demography Course Code :	Course Coordinator Prof. Dr. B.S. Patil Dr. S. M. Bhoir
	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Explain the concept of fertility, Nuptiality, Mortality and Life Table	Understand
CO2	Choose the theories of Migration	Apply
CO3	Examine urbanization and problems of urbanization in India	Analyze
CO4	Evaluate the population Policy	Evaluate

1. Fertility, Nuptiality and Mortality.

- Fertility – concept and factors affecting fertility.
- Mortality - concept and factors affecting mortality.
- Nuptiality – concept, age at marriage and factors affecting nuptiality.

2. Migration and Urbanization:

- Migration – concept and types, factors affecting migration, Theory of Migration (Harris and Todaro model), issues related to migration.
- Urbanization - Concept, trends and patterns of urbanization in India, problems of urbanization in India.
- Structure and Features of Population in India.

3. Population Policy :

- Salient features and evolution of India's population policy.
- Shift in policy focus from population control to family welfare to women empowerment.
- Family Planning – Meaning, importance and methods of family planning.
- Population Projection in India.

REFERENCES :

1. Agarwal S.S. (1985) - 'India's Population Problem' – Tata McGraw Hill Publication, Bombay.
2. A.K. P.C. Swain (2008) – 'Population Studies' – Kalyani Publications, Ludhiana.
3. Bhende A.A. & Tara Kanitkar (1982) – 'Principles of Population Studies'– Himalaya Publishing House, Bombay.
4. Hans Raj (1984) – 'Fundamentals of Demography' – Surjeet Publication, Delhi.
5. Jhingan, Bhat & Desai – 'Demography'.
6. Dr. D.D.Kachole (2001) – 'Demography' – Kailasha Publication, Aurangabad.



Janardan Bhagat Shikshan Prasarak Sanstha's
CHANGU KANA THAKUR
ARTS, COMMERCE & SCIENCE COLLEGE, NEW PANVEL
(AUTONOMOUS)

Re-accredited 'A+' Grade by NAAC
'College with Potential for Excellence' Status Awarded by UGC
'Best College Award' by University of Mumbai

Program: B.A.

Revised Syllabus of T.Y.B.A. Economics
Choice Based Credit & Grading System (60:40)
w.e.f. Academic Year 2021-22

Criteria for admission to TYBA

Sr. No	Heading	Particulars
1	Title of Course	Economics
2	Eligibility for Admission	S.Y.B.A
3	Passing marks	40%
4	Ordinances/Regulations (if any)	
5	No. of Semesters	Two
6	Level	U.G.
7	Pattern	Semester (60-40)
8	Status	Revised
9	To be implemented from Academic year	2021-2022

Revised Syllabus of Courses of S.Y.B.A. Programme at Semester III & IV with Effect from the Academic Year 2020-2021

Preamble

This course is designed to introduce the students to elementary concepts in microeconomics. The student should be able to use these concepts to understand the relevance of microeconomics to the real world. The student should be able to build on these concepts in the future to develop deeper understanding of the Economy as well as the revised syllabus is framed to understand the economic theory and its relevance in decision making.

COURSE CONTENT

SN	Modules	No. of Lectures
1	Module - I	12
2	Module - II	11
3	Module - III	11
4	Module - IV	11
Total		45

Revised Scheme of Examination
Faculty of Arts
(Under-graduate Programmes)

Choice Based Credit System (CBCS)

❖ **Revised Scheme of Examination**

The performance of the learners shall be evaluated into two components. The learner's Performance shall be assessed by Internal Assessment with 40% marks in the first component by conducting the Semester End Examinations with 60% marks in the second component. The allocation of marks for the Internal Assessment and Semester End Examinations are as shown below:-

A) Internal Assessment: 40 %

40 Marks

Sr. No.	Particular	Marks
01	One periodical class test / online examination to be conducted in the given semester	20 Marks
02	Select any one of the Following (15 Marks each) 11.Group/ Individual Survey Project 12. Presentation and write up on the selected topics of the subjects 13. Case studies / Test based on tutorials 14. Book Review /Poetry Appreciation/ Open Book Test 15.Quiz	15 Marks
03	Attendance and active participation	05

Question Paper Pattern

(Periodical Class Test/ online examination for the Courses at Under Graduate Programmes)

Maximum Marks: 20

Duration: 30 Minutes

Particular	Marks
5. Match the Column / Fill in the Blanks / Multiple Choice Questions/ True/False/Answer in One or Two Lines (Concept based Questions) (1 Marks each)	20 Marks
6. Essay type 3 questions (Solve any Two)	

B) Semester End Examination:60%

60 Marks

- Duration: The examination shall be of 2 hours duration.

Question Paper Pattern

Theory question paper pattern
7. There shall be five questions each of 12 marks (24 marks with internal options).
8. All questions shall be compulsory with internal options.
9. Question may be subdivided into sub-questions a, b, c... and the allocation of marks depends on the weightage of the unit.

➤ **Passing Standard**

The learners 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 and Semester End Examination. The learners 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 Grade D, wherever applicable, to pass a particular semester. A learner will be said to have passed the course if the learner passes the Internal Assessment and Semester End Examination together.

Note: 1) It is noted that the concerned regulation of the College is amended and implemented to all Semesters i.e. Semester I to Semester VI to all undergraduate programmes, under faculty of Arts, Commerce and Science with effect from the academic year 2023 - 2024.

2) This revised scheme of evaluation is discussed in detail, finalized and accepted

Programme Code - BA1005

ADVANCED MICROECONOMICS: PAPER IV**SEMESTER –V**

COURSE CODE	PAPER TITLE	CREDITS	MARKS
UAR5EC4	ADVANCED MICRO ECONOMICS	4	100

Name of the Programme B.A.	Programme Coordinator Dr. B.S. Patil	Head of the Department Dr. B.S.Patil
Subject Economics	Course: Advanced Micro Economics Course Code : UAR5EC4	Course Coordinator Mr. K. N. Dhawale
	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Define the concepts of general equilibrium and welfare economics.	Remember
CO2	Explain the futures of monopoly and monopolistic competition structure.	Understand
CO3	Identify the various models of imperfect competition	Apply
CO4	Importance of information Economics	Evaluate

Module 1: General Equilibrium and Welfare Economics**(12 Lectures)**

Concept of General Equilibrium and Walrasian General Equilibrium Model - Pareto Optimality – The Pareto Optimality Condition of Social Welfare - Marginal Conditions for Pareto Optimal Resource Allocation - Perfect Competition and Pareto Optimality - Arrow's Impossibility Theorem.

Module 2: Market Structure: Monopoly and Monopolistic Competition**(11 Lectures)**

Concept of Monopoly - Measurement of Monopoly Power - Price Discrimination: Types and Classification of Price Discrimination (Degrees of Price Discrimination First, Second and Third) - Equilibrium under discriminating Monopoly - Regulation of Monopoly Market Product Differentiation in Monopolistic Competition - Chamberlin's Alternative approach- Equilibrium under Monopolistic Competition - Excess Capacity

Module 3: Oligopoly**(11 Lectures)**

The Cournot Model - Meaning and Characteristics of Oligopoly Market - Rigid Prices - The Sweezy Model of Kinked Demand Curve - Collusive Oligopoly - Cartel: Centralised and Market Sharing Cartel - Imperfect Collusion- Price Leadership Models, Game Theory - Prisoner's Dilemma, Nash Equilibrium and Dominant Strategy Equilibrium.

Module 4: Information Economics**(11 Lectures)**

Economics of Search and Search Cost - The Theory of Asymmetric Information-The Market for Lemons and Adverse Selection - Risk Preference and Expected Utility - The Problem of Moral Hazard - Market Signaling - Principal-Agent Problem

References:

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

Programme Code - BA1005

ECONOMICS OF GROWTH AND DEVELOPMENT (SEMESTER-V) PAPER NO - V

COURSE CODE	PAPER TITLE	CREDIT	MARKS
UAR5EC5	ECONOMICS OF GROWTH AND DEVELOPMENT	4	100

Name of the Programme B.A.	Programme Coordinator Dr. B.S. Patil	Head of the Department Dr. B.S.Patil
Subject Economics	Course: Economics of Growth and Development Course Code : UAR5EC5	Course Coordinator Prof. Dr. B. S. Patil
	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Relate the meaning of growth and development	Remember
CO2	Explain the theories of economic development	Understand
CO3	Identify the structural issues in development process	Apply
CO4	Adapt appropriate technology for the economic development	Create

Module1: Meaning of Economic Growth and Development

(12 Lectures)

Concepts of Economic Growth and Development- Distinction between Economic Growth and Development- Concept of Human Development- H.D.I, G.D.I, Green GDP- Sen's Capability approach- Millennium Development Goals (MDGs)- Initiative by Indian government towards MDGs.

Module 2: Theories of Economic Development

(11 Lectures)

Rostow's stages of growth; Big Push Theory- Leibenstein's Critical Minimum Effort Thesis - Harrod - Domar Growth Model- Lewis Model of unlimited supply of labour - Ragner Nurkse's Theory of Disguised Unemployment- Schumpeter's Theory of Development

Module 3: Structural Issues in Development Process

(11 Lectures)

Concept of Human Capital- Role of Education, Health and nutrition in Human Capital - Meaning and Measurement of Poverty and Inequality- Measures to eradicate poverty and Inequality - Meaning of Inclusive growth - SHG and Microfinance- Migration – Urbanization- Formal and Informal Sector- Urban Informal Sector Module

4: Planning, Technology and Economic Development

(11 Lectures)

Concept and Role of infrastructure in Economic Development- Role of technology in Economic Development- Labour intensive versus Capital intensive technology- Schumacher's concepts of intermediate and appropriate technology- Green Technology- Meaning and Types of Economic Planning- Role of Planning in Economic Development

References:

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

Programme Code - BA1005

ECONOMICS OF AGRICULTURE AND CO-OPERATION (SEMESTER-V) PAPER NO - VI

COURSE CODE	PAPER TITLE	CREDIT	MARKS
UAR5EC6	ECONOMICS OF AGRICULTURE AND CO-OPERATION	3	100

Name of the Programme B.A.	Programme Coordinator Dr. B.S. Patil	Head of the Department Dr. B.S.Patil
Subject Economics	Course: Economics of Agriculture and Cooperation Course Code : UAR5EC6	Course Coordinator Dr. S. M. Bhoir
	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Explain the Agricultural Productivity	Understand
CO2	Classify the Agricultural credit	Analyse
CO3	Justify the agricultural marketing	Evaluate
CO4	Discuss agriculture price and Policy	Create

Module 1: Agricultural Productivity

(12 Lectures)

Role of agriculture in Economic Development - Cropping pattern in India, Recent trends, Factors affecting - cropping pattern - Physical, Technical and Economic - Agricultural Productivity, Causes of Low Productivity in Agriculture - Measures taken to improve the Agricultural Productivity in India - Irrigation and Water Management and agricultural development - Agricultural labour Problems and suggestions.

Module 2: Agricultural Credit

(11 Lectures)

Institutional and Non-Institutional Sources of Credit Co-operative Credit and Agriculture Rural Indebtedness - Commercial Banks and Regional Rural Banks - Microfinance and NABARD - Role and Performance - Crop loan and Crop Insurance, Kisan Credit card Yojana.

Module 3: Agricultural Marketing

(11 Lectures)

Types of Marketing - Corporate, Commodity and Global Problems and Measures of Agricultural Marketing - Regulated Market - WTO and Indian Agriculture - Problems of Agricultural Marketing and its measures - National Agricultural Market - FPO – Farmers Producer Organizations.

Module 4: Agricultural Price and Policy

(11 Lectures)

Food Security in India - Price Policy of CACP Evaluation - Agricultural Crisis and Farmers Suicide - Agro-Tourism and its policy - Organic Farming - Mechanization of Agriculture.

References:

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.

Programme Code - BA1005

INDUSTRIAL AND LABOUR ECONOMICS (SEMESTER-V) PAPER NO - VI

COURSE CODE	PAPER TITLE	CREDIT	MARKS
UAR5EC6	INDUSTRIAL AND LABOUR ECONOMICS	3	100

Name of the Programme B.A.	Programme Coordinator Dr. B.S. Patil	Head of the Department Dr. B.S.Patil
Subject Economics	Course: Industrial and Labour Economics Course Code :	Course Coordinator Prof. Dr. B. S. Patil
	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Find the profile of different industrial sectors	Remember
CO2	Relate the Industrial location and problem of regional Imbalance	Understand
CO3	Relationships between industrial productivity and Industrial sickness	Analyse
CO4	Evaluate the various policies	Evaluate

Module 1: Introduction

(12 Lectures)

Meaning and Scope of Industrial Economics- Industrial Profile- Private sector- Performance and Problems - Cooperatives sector and its role, merits and demerits- Public Sector – Role - Performance and Problems -Role of agriculture in Industrial development, Industrial Combinations - Motives for Mergers and Acquisitions.

Module 2: Industrial Location and Problem of Regional Imbalance

(11 Lectures)

Determinants of Industrial Location, Theories of Industrial Location - Weber's and Sargent Florence's Theories, Dispersal and Decentralization of Industries, Problem of Regional Imbalance.

Module 3: Industrial Productivity and Industrial Sickness

(11 Lectures)

Concept and Measurement of Industrial Productivity- Factors Affecting Industrial Productivity-Industrial Sickness - Causes, Effects and Remedial Measures - Rationalisation - Concept, Aspects and Impact.

Module 4: Industrial Development in India

(11 Lectures)

New Industrial Policy, 1991; Disinvestment Policy; Small Scale Industries and Rural Industrialization; National Manufacturing Policy, 2011 - Recent Trends in India's Industrial Growth- Role of MNCs in the Indian Economy - Merits and Demerits, Industrial Finance in India.

References:

1. Barthwal R.R. (2007), Industrial Economics, New Age International Publishers, New Delhi.
2. D. Agrawal A.N. (2011), Indian Economy, New Age International Publishers, New Delhi.
3. Datt R. and Sundaram K.P.M. (2009), Indian Economy, S.Chand & Co., New Delhi.
4. Kuchhal S.C. (1980), Industrial Economy of India, Chaitanya Publishing House, Allahabad.
5. Mishra S.K. and Puri V.K.(2008), Indian Economy, Himalaya Publishing House, Mumbai.
6. Ranjana Seth, Industrial Economics (2010), Ane Books Pvt. Ltd., New Delhi.

Programme Code - BA1005

RESEARCH METHODOLOGY (SEMESTER-V) PAPER NO - VII

COURSE CODE	PAPER TITLE	CREDIT	MARKS
UAR5EC7	RESEARCH METHODOLOGY	4	100

Name of the Programme B.A.	Programme Coordinator Dr. B.S. Patil	Head of the Department Dr. B.S.Patil
Subject Economics	Course: Research Methodology Course Code : UAR5EC7	Course Coordinator Prof. Dr. B. S. Patil
	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Choose research methods	Remember
CO2	Outline the research problems	Understand
CO3	Make use of types of data	Apply
CO4	Take part in representation and analysis of data	analyse

Module 1: Introduction to Research

(12 Lectures)

Meaning and scope of social science research- Basic assumptions of research- Features and importance of social science research- Objectives and types of research; Basic, Applied, Pure, Descriptive, Analytical, and Empirical research- Limitations of social science research- Difficulties in social science research

Module 2: Formulation of Problem in Social Science Research

(11 Lectures)

Research process: Identification, selection and formulation of research problem-Sources of research problem - Criteria of a good research problem- Review of literature-Formulation of hypothesis- Research design: Definition, Concepts, and types- Data Collection and analysis- Interpretation and report writing- Use of web search in research process.

Module 3: Types of Data: Primary and Secondary

(11 Lectures)

Types of Data: Primary data and its collection methods: Observation method- Interview Technique - Design of schedule and questionnaire - Survey method and Field visits - Secondary data : Meaning- advantages- sources- relevance and limitations of secondary data- Sampling Techniques : Census and sample survey- Essentials of a good sampling - Advantages and limitations of sampling- Types of sampling: Random sampling and Non-random sampling-Sampling and Non-Sampling errors.

Module 4: Representation and Analysis of Data

(11 Lectures)

Classification, Tabulation and Graphical presentation of socio-economic data- Need and importance of data analysis- Statistical analytical tools: Measures of Central Tendency - Measures of Variation : Absolute and relative measures - Quartile deviation, standard deviation, coefficient of variation- Skewness: Meaning and measurement (Karl Pearson's and Bowley's methods) - Preliminaries of computer applications in data organization and data processing.

References:

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.

Programme Code - BA1005

ENVIRONMENTAL ECONOMICS (SEMESTER-V) PAPER NO - VIII

COURSE CODE	PAPER TITLE	CREDIT	MARKS
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UAR5EC8	ENVIRONMENTAL ECONOMICS	4	100
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Name of the Programme B.A.	Programme Coordinator Dr. B.S. Patil	Head of the Department Dr. B.S.Patil
Subject Economics	Course: Environmental economics Course Code : UAR5EC8	Course Coordinator Prof. K. N. Dhawale
	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Define the meaning, nature, scope and significance of Environmental Economics	Remember
CO2	Outline the Environmental policies	Understand
CO3	identify the various methods of measuring benefits of environmental improvements	apply
CO4	Discuss the global environmental issues	Create

Module1: Introduction to Environmental Economics (12 Lectures)

Environmental Economics: Nature, Significance and Scope; Environment and the economy; Environmental Kuznets Curve; Common resources, externalities and property rights; Coase Theorem; Rio Declaration and Agenda 21 programme of action for sustainable development.

Module 2: The Design and Implementation of Environmental Policy (11 Lectures)

Criteria for evaluating environmental policies; Tools of Environmental Policy: Standards, Pigovian taxes/effluent fees, quotas/tradable permits; Choice between taxes and quotas; Environmental Policy: Regulation and Implementation.

Module 3: Measuring Benefits of Environmental Improvements (11 Lectures)

Economic value of Environment: Use and Non-use values; Measurement methods of environmental value: Market based and Non-market based methods; Contingent Valuation Method; Travel Cost Method; Hedonic Price Method.

Module 4: Global Environmental Issues (11 Lectures)

Trade and environment-Overview of trans-boundary environmental problems-Global Warming - Climate Change - Energy Crisis - Challenges of urbanization - International environmental agreements.

References:

1. Barry Field and Martha k Field: Environmental Economics, McGraw Hill International Edition, 2017.
2. Bennear, Lori Snyder, and Cary Coglianesi (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.

Programme Code - BA1005

HISTORY OF ECONOMIC THOUGHT (SEMESTER-V) PAPER NO - IX

COURSE CODE	PAPER TITLE	CREDIT	MARKS
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UAR5EC9	HISTORY OF ECONOMIC THOUGHT	3	100
Name of the Programme B.A.	Programme Coordinator Dr. B.S. Patil	Head of the Department Dr. B.S.Patil	
Subject Economics	Course: History of Economic Thought Course Code : UAR5EC9	Course Coordinator Prof. K.N. Dhawale	
	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)	
CO1	Compare the classical theories.	Understand	
CO2	Utilize Neo-classical theories of economics	Apply	
CO3	Evaluate Keynesian Ideas for developing countries	Evaluate	
CO4	Discuss the post Keynesian Theories	Create	

Course Objectives-

The very purpose of this course is to provide information about the biography and contribution of the most influential economists who influenced the economic fraternity and to whom we are obliged to for shaping up the economic thought process.

Course Outcome-

- Students will get information about the genesis of Economics and its modern scenario.
- Establish the co-relation of Economics with other subjects.

Module 1: Classical Economics

(12 Lectures)

Mercantilism and Physiocracy: Introduction -Adam Smith: Liberalism -Division of Labour -Theory of Value - David Ricardo: Rent Theory- Wage Theory - Theory of Value- Karl Marx: Surplus Value Materialistic Interpretation of History -Scientific Socialism.

Module 2: Neo-Classical Economics

(12 Lectures)

Alfred Marshall : Thought on Value - Representative Firm - Consumer's Surplus - Internal and External Economies-Quasi Rent - Schumpeter: Economic Development And Innovation- Pigou :Welfare Economics.

Module 3: Keynesian Ideas

(12 Lectures)

Employment Theory- Money- Wage Rigidity Model- Multiplier and accelerator and their interaction - Trade Cycle - Inflation -Role of Fiscal Policy - Keynesian Economics and Developing Countries.

Module 4: Post-Keynesian Economics

(12 Lectures)

Supply Side Economics -Hayek's Theory of Trade Cycle- Life Cycle theory Consumption- Friedman: Theory of Demand for Money - Long-Run Philips Curve - Mankiw's New Keynesian Model - Stagflation.

References-

- 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, OxfordUniversity 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.

Programme Code - BA1006

ADVANCED MACROECONOMICS (SEMESTER-VI) PAPER NO - IV

COURSE CODE	PAPER TITLE	CREDIT	MARKS
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UAR6EC4	ADVANCED MACROECONOMICS	4	100
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Name of the Programme B.A.	Programme Coordinator Dr. B.S. Patil	Head of the Department Dr. B. S. Patil
Subject Economics	Course : Advanced Macro Economics Course Code : UAR6EC4	Course Coordinator Mr. K. N. Dhawale
	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Tell the post Keynesian theories of economics	Remember
CO2	Summarize the trade cycles.	Understand
CO3	Compare exchange rates and balance of payments	Analyse
CO4	Determine International Monetary System	Evaluate

Module 1: Post Keynesian Synthesis

(12 Lectures)

Derivation of Aggregate Demand Curve with IS-LM - Aggregate Supply Curve - Determination of Equilibrium National Income and Price Level under Aggregate Demand and Aggregate Supply Model - Extension of IS-LM Model with Labour Market and Flexible Prices - Natural Rate of Unemployment Long run Philips Curve - Friedman's Expectation Model - Tobin's Modified Philips Curve - Adaptive Expectations and Rational Expectations.

Module 2: Trade Cycles

(11 Lectures)

Meaning- Nature- Features and Types of Trade Cycles - Phases of Trade Cycles - Theories of Trade Cycles- Hawtrey's, Kaldor, Paul Samuelson and Hicks - Measures to Control Trade Cycles.

Module 3: Exchange Rate Regimes and Currency Crises

(11 Lectures)

Managed Exchange Rate- Advantage and Disadvantage - Policy of Managed Flexibility-Adjustable Peg System, Crawling Peg System, Managed Floating System, Clean and Dirty Float System - Balance of Payment and Exchange Rate - Is Balance of Payments Always in Balance? – Convertibility of Currency - Currency Crisis-Causes, Impact and Measures.

Module 4: International Monetary System

(11 Lectures)

Rise and Fall of International Gold Standard - Bretton Woods System- Breakdown of the Bretton Woods System - Monetary System after the Collapse of Bretton Woods System - Maastricht Treaty, Features, Effects and Importance of Euro- Currency Market - Causes and Consequences of Global Economic Crisis - Impact of Global Recession on the Indian Economy - Asia Infrastructure Investment Bank (AIIB) - New Development Bank (NDB): Asian Development Bank (ADB).

References:

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.

Programme Code - BA1006

INTERNATIONAL ECONOMICS (SEMESTER-VI) PAPER NO - V

COURSE CODE	PAPER TITLE	CREDIT	MARKS
UAR6EC5	INTERNATIONAL ECONOMICS	4	100

Name of the Programme B.A.	Programme Coordinator Dr. B.S. Patil	Head of the Department Dr. B. S. Patil
Subject Economics	Course : International Economics Course Code : UAR6EC5	Course Coordinator Prof. Dr. B.S. Patil
	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Classify the trade theories	Understand
CO2	Identify the difference between balance payments and balance of trade	Apply
CO3	Examine the foreign exchange market	Analyse
CO4	Judge international economic institutions and economic Integration	Evaluate

Module 1: Introduction to Trade Theories (12 Lectures)

Meaning, scope and importance of International Trade- Difference between Internal and International Trade - Adam Smith's Theory of International Trade - Ricardian theory of comparative cost difference Heckscher- Ohlin Theory- Leontief's Paradox- Krugman's Model

Module 2: Balance of Trade and Balance of Payment (11 Lectures)

Concepts of Terms of Trade(Net barter, Gross barter and Income terms of trade)-Meaning and difference between Balance of Trade (BOT) and Balance of Payment (BOP)-Purchasing Power Parity theory, Law of Reciprocal Demand- Marshall-Edgeworth Offer curves, Gains from trade-Case for and against Free Trade and Protection policy

Module 3: Foreign Exchange Market (11 Lectures)

Meaning and Functions of Foreign Exchange Market-Exchange rate determination, Factors influencing foreign exchange rate-Managed Flexibility-SWAP Market, Components of foreign exchange reserves Foreign Aid Vs Foreign Trade, FDI and MNCs

Module 4: International Economic Institutions and Economic Integration (11 Lectures)

IMF, World Bank - Role and functions-WTO-Objectives, Functions and Agreements with respect to TRIPS, TRIMS, GATS, AoA - Forms and objectives of Economic Integration-Cartels-Trade Blocs, ASEAN- European Union (EU)- NAFTA and SAARC.

References -

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 Obstfeld, 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.

Programme Code - BA1006

ECONOMICS OF AGRICULTURE AND CO-OPERATION (SEMESTER-VI) PAPER NO - VI

COURSE CODE	PAPER TITLE	CREDIT	MARKS
UAR6EC6	ECONOMICS OF AGRICULTURE AND CO-	3	100

	OPERATION		
Name of the Programme B.A.	Programme Coordinator Dr. B.S. Patil	Head of the Department Dr. B. S. Patil	
Subject Economics	Course: Economics of Agriculture and Cooperation Course Code : UAR6EC6	Course Coordinator Dr. S. M. Bhoir	
	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)	
CO1	Find out the meaning, scope and nature of co-operation	Remember	
CO2	Explain co-operative finance in India	Understand	
CO3	Categorize agricultural Co-operatives	Analyse	
CO4	Evaluate Co-operative organization in India	Create	
Module 1: Co-operation		(12 Lectures)	
Meaning and features of Co-operation- Principles of Co-operation (Manchester-1995) - Role of Co-operation in Economic development - Globalization and Co-operation-Importance and Benefits of Co-operation - Co-operative Movement in foreign Countries - Consumer Cooperative Movement in U.KAgricultural Cooperative Movement in Israel.			
Module 2: Co-operative Finance in India		(11 Lectures)	
Co-Operative Finance: Need, Structure. Progress and Problems - National Co-operative Development Corporation (NCDC) - Farmers service societies - Urban Co-operative banks.			
Module 3: Agricultural Co-operatives		(11 Lectures)	
Role and Types of Agro-Industries - Problems and Measures of Agro-Industries - Sugar and Dairy Co-operatives - Food and Fruits Processing Industry - Co-Operative Farming.			
Module 4: Co-operative Organizations in India		(11 Lectures)	
Consumer Co-operatives - Co-operative Marketing - NAFED - Housing Co-operative societies Labour Co-operative societies - Leadership in Cooperative development - Concept of Co-Operatives Audit.			
References-			
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.			
Programme Code - BA1006			
INDUSTRIAL AND LABOUR ECONOMICS (SEMESTER-VI) PAPER NO - VI			
COURSE CODE	PAPER TITLE	CREDIT	MARKS
UAR6EC6	INDUSTRIAL AND LABOUR ECONOMICS	3	100

Name of the Programme B.A.	Programme Coordinator Dr. B.S. Patil	Head of the Department Dr. B. S. Patil
Subject Economics	Course : Industrial and Labour Economics Course Code : UAR6EC6	Course Coordinator Prof. Dr. B.S. Patil
	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Define Indian labour market	Remember
CO2	Summarise the role and problems of trade unions	Understand
CO3	Design the various method s of industrial relations	Create
CO4	Prioritize the various welfare schemes	Evaluate

Module 1: Introduction - Indian Labour Market (12 Lectures)

Characteristics of the Indian Labour Market, Child Labour and Women Labour -Problems and Measures, Labour Market Reforms - Exit Policy and Need for Safety Nets, Second National Commission on Labour, Globalization and its impact on Indian Labours.

Module 2: Trade Unionism (11 Lectures)

Definition and Functions of Trade Unions, Historical Evolution of Trade Unions in India and their Present Status- Problems of Trade Unions in India- Role of Outside Leadership- International Labour Organization.

Module 3: Industrial Relations (11 Lectures)

Causes of Industrial Disputes and Their Settlement Mechanism- Collective Bargaining - Concept, Features - Importance and Pre-requisites for Successful Collective Bargaining - Collective Bargaining in India -Workers' Participation in Management- Concept, Objectives and Forms of Workers'Participation in India -Working Conditions and life style of Indian workers.

Module 4: Labour Welfare and Social Security (11 Lectures)

Concept -Theories and Principles of Labour Welfare- Agencies for Labour Welfare, Role of the Labour Welfare Officer - Social Security-Concept; Social Assistance and Social Insurance – Social Security Measures in India - Indian Labour Legislations.

References-

1. Agrawal A.N. (2011), Indian Economy, New Age International Publishers, New Delhi.
2. CO Monappa A, (2006), Industrial Relations, Tata McGraw Hill Publishing Company Ltd, New Delhi.
3. Datt R. and Sundaram K.P.M. (2009), Indian Economy, S.Chand & Co., New Delhi.
4. Mamoria C.B. and Mamoria S. (2002), Dynamics of Industrial Relations, Himalaya Publishing House, Mumbai.
5. U. Mishra S.K. and Puri V.K.(2008), Indian Economy, Himalaya Publishing House, Mumbai.
6. U. Ratna Sen, Industrial Relations in India - Shifting Paradigms (2005), Macmillan, New Delhi.

Programme Code - BA1006

RESEARCH METHODOLOGY (SEMESTER-VI) PAPER NO - VII

COURSE CODE	PAPER TITLE	CREDIT	MARKS
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UAR6EC7	RESEARCH METHODOLOGY	4	100
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Name of the Programme B.A.	Programme Coordinator Dr. B.S. Patil	Head of the Department Dr. B. S. Patil
Subject Economics	Course: Research Methodology Course Code : UAR6EC7	Course Coordinator Prof. Dr. B. S. Patil
	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Choose the statistical methods in research	Apply
CO2	Examine the various index numbers	Analyse
CO3	Decide the formulation of hypothesis and testing	Evaluate
CO4	Improve the skills of report writing	Create

Module 1: Application of Statistics in Research

(11 Lectures)

Methods of studying correlation- measurement of simple correlation: graphic method- Scatter diagram Coefficient of correlation- Karl Pearson and rank correlation- Interpretation of $r = +1$. Linear regression analysis: Meaning, regression lines, regression equation, regression equation relationship between correlation and regression- Analysis of time series- Components- Trend analysis- Moving averages (3, 4 and 5 Yearly)- Method of least square.

Module 2: Index Number:

(12 Lectures)

Meaning and classification of index number - Problems encountered while constructing index numbers Uses and limitation of index numbers - Methods of constructing index numbers: Simple index: i) Aggregate method ii) Simple average of Relative method - Weighted index: Laspeyres's, Paasche's, Fisher's and Marshall-Edgeworth - Base shifting - 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 - Consumer price index- Meaning, need and construction.

Module 3: Hypothesis Formulation and Testing

(11 Lectures)

Definition and functions of Hypothesis - Criteria of workable Hypothesis - Forms and sources of hypothesis- Concepts in testing of hypothesis: Universe / Population parameter and sample statistics Types of hypotheses: Null and Alternative Hypotheses-Levels of significance-Critical region -Type I and Type II Errors -Student t-test.

Module 4: Research Report Writing

(11 Lectures)

Types of research reports: Technical, Popular, Interim, Summary, Article- Format of a research report 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 -Organization of the research report: Preliminaries, Contents of report, 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.

References-

1. Allen, T. Harrell (1978), New methods in social science research, Praeger 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

Programme Code - BA1006

ENVIRONMENTAL ECONOMICS (SEMESTER-VI) PAPER NO - VIII

COURSE CODE	PAPER TITLE	CREDIT	MARKS
UAR6EC8	ENVIRONMENTAL ECONOMICS	4	100

Name of the Programme B.A.	Programme Coordinator Dr. B.S. Patil	Head of the Department Dr. B. S. Patil
Subject Economics	Course: Environmental economics Course Code : UAR6EC8	Course Coordinator Prof. K. N. Dhawale
	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)
CO1	Relate the environmental degradation and measures for it	Understand
CO2	Build Environmental accounting methods	Apply
CO3	Assess the sustainable development in India	Evaluate
CO4	Adapt Environmental policy in India	Create

Module1: Environmental Degradation

(12 Lectures)

Concept and types of Environmental Degradation; Renewable and Non-renewable natural resources: Land, Air, Water and Noise Pollution: Causes, effects and measures.

Module 2: Environmental Accounting

(11 Lectures)

Accounting for environmental and natural resources: Meaning and importance; System of Environmental-Economic Accounting (SEEA) and Environmental and Natural Resources Accounting (ENRA); Integration of Environmental Accounts with System of National Accounts: Green GDP; Concept of Green Growth and its Indicators; Concepts of Green Consumer and Green Business.

Module 3: Sustainable Development and India

(11 Lectures)

Concept of Sustainable Development; Characteristics and dimensions of Sustainable Development; Sustainable Development Goals and Measures with special reference to India; Smart Cities Mission in India; National Mission For Sustainable Agriculture (NMSA): Objectives, strategy and components.

Module 4: Environmental Policy in India

(11 Lectures)

Overview of laws to improve the environment in India; Central pollution Control Board; Industrial Pollution Control Measures in India; Pradhan Mantri Ujjwala Yojana (PMUY); National Green Tribunal.; Environmental Education in India.

References-

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.

Programme Code - BA1006

HISTORY OF ECONOMIC THOUGHT (SEMESTER-VI) PAPER NO - IX

COURSE CODE	PAPER TITLE	CREDIT	MARKS
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UAR6EC9	HISTORY OF ECONOMIC THOUGHT	3	100
Name of the Programme B.A.	Programme Coordinator Dr. B.S. Patil	Head of the Department Dr. B. S. Patil	
Subject Economics	Course: History of Economic Thought Course Code : UAR6EC9	Course Coordinator Prof. K.N. Dhawale	
	After completing the course, student will able to:	Bloom Taxonomy Level (BTL)	
CO1	Compare Indian economic thoughts	Understand	
CO2	Analyse the Economic thought of Mahatma Phule and Mahatma Gandhi	Analyse	
CO3	Importance of Economic thought of Dr. B. R. Ambedkar, G. K. Gokhale and Dr. Manmohan Singh	Eavaluate	
CO4	Discuss the Nobel prize winners in Economics	Create	
Module 1: Indian Economic Thought		(12 Lectures)	
Kautilya on welfare state -Dadabhai Naoroji's Thoughts on Drain Theory- Ranade's Case on Protection - R. C. Dutt on Imperialism - Land Tax and Public Finance - Gopal Ganesh Agarkar.			
Module 2: Economic Thought of Mahatma Phule and Gandhi		(11 Lectures)	
Mahatma Phule's Views on Agriculture - Reasons of Farmer's Poverty - Gandhian Economic Thoughts on Self-Sufficient Village Economy - Dignity of Labour – Trusteeship - and Sarvodaya.			
Module 3: Economic Thought of Dr. B.R.Ambedkar, G.K.Gokhale and Dr. Manmohan Singh		(11 Lectures)	
Dr.Ambedkar's Case for State Socialism - Problem of Rupee - Public Finance – G.K.Gokhale on Development and Welfare - Dr. Manmohan Singh's ' Three Steps' to Stem India's Economic Crisis.			
Module 4: Nodel Prize Winners in Economics		(11 Lectures)	
Dr. Amartya Sen (1998) -Robert. A. Mundell (1999) -Joseph Stiglitz(2001) -Dr. Abhijeet Banarjee (2019)			
References:			
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.			

