ANNAMALAI UNIVERSITY
Syllabi for the Affiliated Colleges
BACHELOR OF ARTS

B.A. ECONOMICS
DEGREE COURSE
CBCS PATTERN
(2021 - 2022)

The Course of Study and the Scheme of Examinations

S.NO.	Part	Study Components / Course Title		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
							CIA	Uni. Exam	Total
SEMESTER I									
1	I	Language	Paper-1	6	4	Tamil/Other Languages	25	75	100
2	II	English (CE)	Paper-1	6	4	**Communicative English I**	25	75	100
3	III	Core Theory	Paper-1	5	3	Micro Economics I	25	75	100
4	III	Core Theory	Paper-2	5	3	Statistics for Economics I	25	75	100
5	III	ALLIED -1	Paper-1	6	3	**(to choose 1 out of 4)** 1. History of India I 2. Agricultural Economics 3. Basics of Computer Application I 4. Financial Accounting I	25	75	100
6	III	PE	Paper-1	6	3	**Professional English I**	25	75	100
7	IV	Environmental Studies		2	2	Environmental Studies	25	75	100
				36	22		175	525	700
SEMESTER II							CIA	Uni. Exam	Total
8	I	Language	Paper-2	6	4	Tamil/Other Languages	25	75	100
9	II	English (CE)	Paper-2	6	4	**Communicative English II**	25	75	100
10	III	Core Theory	Paper-3	4	3	Micro Economics II	25	75	100
11	III	Core Theory	Paper-4	4	3	Elementary Statistics for Economics II	25	75	100
12	III	ALLIED-1	Paper-2	6	5	**(to choose 1 out of 4)** 1. History of India II 2. Agricultural Marketing 3. Basics of Computer Application II 4. Financial Accounting II	25	75	100
13	III	PE	Paper-2	6	3	**Professional English II**	25	75	100
14	IV	Value Education		2	2	Value Education	25	75	100
15	IV	Soft Skill		2	1	Soft Skill	25	75	100
				36	25		200	600	800

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

PEO 1: Impart in-depth knowledge of Economics to the students and make them comprehend its relevance in day-to-day life.

PEO 2: Explain Economic theories and highlight its correlation with human behavioural science.

PEO 3: To understand core economic principles and their application to a wide range of real-world issues.

PEO 4: To master the theoretical and applied tools required to both understand and analyze economic research at a global level.

PEO 5: To learn how to bring out pragmatic, principles-based policies aiming to enhance economic well-being and promote social justice.

PROGRAMME OUTCOMES (PO) FOR UNDER GRADUATE DEGREE IN ECONOMICS

PO1: A sound understanding of the science of Economics and its application through the aid of Mathematics, Statistic, Accounting and Computer Application.

PO2: Application of economic theories in handling real-life situations.

PO3: Students equipped with the knowledge and skills required to fit into Industrial, Agricultural and Service sectors, which will make them industry ready and employable immediately after graduation.

PO 4: Gaining broad idea of Macro Economic policies being adopted in the Indian economy

PO 5: Students reaped the advantage of a comprehensive curriculum including Economics along with Mathematics, Accountancy, History and Statistics will motivate graduates to apply for Indian Economic Service examination.

PO 6: The ability to collect process and interpret data including statistical inferences and create hypotheses and sets of economic variables.

PO 7: Creation of knowledge to evaluate the solutions available for complex economic issues and train them in problem solving.

PO 8: An awareness of global, historical and institutional forces that shape the Indian Economy.

ANNAMALAI UNIVERSITY

B.A.ECONOMICS

SYLLABUS
UNDER CBCS
(2021-2022)

SEMESTER I

PAPER - 1

MICRO ECONOMICS I

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COURSE OBJECTIVES:

1. The make students capable of analyzing individual rationality in situation of scarcity and choice.
2. The students understand the definitions of Economics and concepts Normative Economics, Positive Economics, Inductive and Deductive method.
3. Acquires the knowledge of the Cardinal utility analysis.
4. The students understand the Indifference curve analysis & Consumer Surplus.
5. Understands the importance of the theory of production& Producer Equilibrium.
6. The student acquires the skill of calculating various cost and revenues in the process of production.

UNIT-I: Definitions, Nature and Scope of Economics

Definition of Economics - Adam Smith - Marshall - Robbins - Samuelson –Micro Economics-Meaning-Importance and Uses of Micro Economics- Macro Economics - Meaning-Difference between Micro and Macro Economics - Inductive and Deductive methods - Positive vs Normative study - Static and Dynamic analysis - Partial vs General Equilibrium.

UNIT-II: Marshallian Cardinal Utility Analysis

Introduction-Assumptions of cardinal Utility Analysis- Law of Diminishing Marginal utility-Law of Equi - Marginal Utility -Law of Demand–Exceptions to Law of Demand- Elasticity of Demand-Types of Elasticity of Demand -Factors determining elasticity of demand-Importance of Elasticity of Demand.

UNIT-III: Indifference Curve Analysis

Indifference Curves- Meaning-Indifference Map- Properties of Indifference Curve-Budget Line-Consumer's Equilibrium-Income Effect-Substitution Effect - Price Effect - Consumer Surplus –Meaning –Definition- Marshall's Measurement of Consumer Surplus.

UNIT-IV: The Theory of Production

Production Function-Meaning- Law of Variable Proportions-Law of Returns to Scale- Cobb-Douglas production function-Isoquants – Marginal Rate of Technical Substitution-Producers equilibrium.

UNIT-V: Cost and Revenue Functions

Cost concepts- Money cost- Economic cost- Real cost- Opportunity cost- Marginal cost, Average cost- Variable cost- Fixed cost and Total cost- Relationship between Average Cost and marginal cost – Revenue concepts - Average and Marginal revenue curves- Relationship between AR and MR

TEXT BOOKS:

Unit-I: Ahuja, H.L.: Advanced Economic Theory - S. Chand & Company LTD, New Delhi.
Unit-II: Ahuja, H.L.: Advanced Economic Theory - S. Chand & Company LTD, New Delhi.

Unit-III: Ahuja, H.L.: Advanced Economic Theory - S. Chand & Company LTD, New Delhi.

Unit-IV: Ahuja, H.L.: Advanced Economic Theory - S. Chand & Company LTD, New Delhi.

Unit-V: Ahuja, H.L.: Advanced Economic Theory - S. Chand & Company LTD, New Delhi

REFERENCE BOOKS:

1. R.Cauvery, U.K.SudhaNayak ,M.Girija, N.KruparaniR.Meenakshi , Micro Economic Theory, Sultan Chand & Company LTD, Ram Nagar New Delhi.
2. Dewett, K.K. Modern Economic Theory, S. Chand & Company LTD, New Delhi
3. M.L.Jhingan, Modern Micro Economics, Vrinda Publication Private Limited, New Delhi 2011.
4. S.K.Misra and V.K.Puri, Advanced Micro Economic Theory, Himalaya Publishing House, 2009.
5. Koutsoyiannis, A: Modern Micro Economics, Macmillan Press Limited.
6. Maurice Dobb: Theories of Value and Distribution since Adam Smith – Vikas Publishing House, New Delhi. 2012.
7. Sankaran, S: Micro Economics - Margham Publications, Chennai Edition 2012.

E- MATERIALS

1.www.managementnote.com/introduction-microeconomics

2.www.oxfordreference.com/view/10.1093/oi/...

3.uk.life123.com/Study microeconomics/

4.en.wikipedia.org/wiki/Microeconomics

5.www.investopedia.com/terms/m/microeconomics.asp

6.economictimes.indiatimes.com/.../microeconomics

7.www.businessdictionary.com/definition/microeconomics.html

COURSE OUTCOMES

1. After studied unit-1, the student will be able to understand the concept of Micro Economics, Definitions of Economics, Inductive and Deductive methods and Positive and Normative Economics.
2. After studied unit-2, the student will be able to acquire Knowledge of the law of Diminishing Marginal utility Law of Demand and Elasticity of Demand.
3. After studied unit-3, the student will be able to understand the Indifference curve analysis, Consumers equilibrium and consumer surplus.
4. After studied unit-4, the student will be able to gain knowledge of the theories of Production Function and producer equilibrium.
5. After studied unit-5, the student will be able to gain knowledge of types of cost and Revenue

STATISTICS FOR ECONOMICS –1

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COURSE OBJECTIVES:

1. To bring awareness on the aspects of statistics namely, correlation and regression, probability and distributions and index numbers.
2. To impart the knowledge of data collection.
3. The course will mainly emphasize the different statistical methods.
4. To develop detailed understanding of discrete and continuous distributions.
5. Encourage to critically examine the economic indicators with the help of statistics.
6. To understand the role of statistics in day today life.

UNIT-I: Introduction:

Statistics: Origin and Definition - Relationship with other Subjects - Functions of Statistics - Objectives - Importance and Limitations - Classification – Tabulation: -Objectives, Rules, Types and Parts – Diagrams: Types of Diagram, One dimensional and Twodimensional - Graphical presentation: Types, Merits and Demerits.

UNIT-II: Collection of Data

Primary And Secondary Data - Methods Of Collecting Primary Data: Census and Sampling methods, Random Sampling Method, Pre-testing and Pilot Survey - Sources of Secondary Data: Published and Unpublished Sources – Questionnaire.

UNIT-III: Measures of Central Tendency

Meaning – Definition – Characteristics of a good Average - Objectives of Average - Types of Average: Mean, Median, Mode - Geometric Mean - Harmonic Mean.

UNIT-IV: Measures of Dispersion

Meaning - Definition - Objectives - Characteristics of a good Measures of Dispersion - Types: Range - Quartile Deviation - Mean Deviation - Standard Deviation and Co-efficient of Variation - Lorenz Curve.

UNIT- V: Skewness and Kurtosis:

Skewness: Meaning - Methods – Features – Karl Pearson's Co-efficient of Skewness - Bowley's Co-efficient of Skewness. Kurtosis: Meaning – Moments – Difference between Skewness and Kurtosis.

TEXT BOOKS:

Unit-I: Gupta, S.P.: Statistics for Economic - S. Chand & Company LTD, New Delhi 2017

Unit-II: Gupta, S.P.: Statistics for Economic - S. Chand & Company LTD, New Delhi 2017

Unit-III: Gupta, S.P.: Statistics for Economic - S. Chand & Company LTD, New Delhi 2017

Unit-IV: Gupta, S.P.: Statistics for Economic - S. Chand & Company LTD, New Delhi 2017

Unit-V: Gupta, S.P.: Statistics for Economic - S. Chand & Company LTD, New Delhi 2017

REFERENCE BOOKS:

1. D.C.Sancheti , V.K.Kapoor, Statistics Theory, Methods And Application Sultan Chand & Company LTD, New Delhi.
2. S.P.Gupta Statistical Methods Sultan Chand & Company LTD New Delhi 2017
3. R.S.N. Pillai and V.Bagavathi Statistics Theory and Practice Sultan Chand &Company LTD, New Delhi.

E - RESOURCES

1. www.homeandgardenideas.com/Economics statistics/
2. in.zapmetasearch.com/Statistics For Economics
3. www.toppr.com/guides/economics/statistics-
4. www.learncbse.in/statistics-for-economics
5. en.wikipedia.org/wiki/Economic statistics
6. www.ncrtsolutions.in/...statistics-for-economics-ncert.html
7. books.google.co.in/books/about/Statistics..
8. www.thefreedictionary.com/statisticsin.zapmetasearch.com/Statistics For Economics
9. www.investopedia.com/terms/m/Statistics.asp

COURSE OUTCOMES

1. After studied unit-1, the student will be able to understand the concept of statistics with its functions.
2. After studied unit-2, the student will be able to acquire the Knowledge ofmethods of collecting primary data.
3. After studied unit-3, the student will be able to gain knowledge of calculating mean, mode and median.
4. After studied unit-4, the student will be able to gain knowledge on measures of dispersion.
5. After studied unit-5, the student will be able to gain knowledge of skewness and kurtosis

S

ALLIED – 1
(To choose any 1 out of the given 4)
PAPER – 1

1. HISTORY OF INDIA FROM C.E.1885 TO C.E.1947

UNIT- I

Factors for the growth of Nationalism - Formation of INC - Activities up to 1905 - Indian Council Act of 1892.

UNIT- II:

Administration of Lord Curzon–Partition of Bengal Swadeshi Movement - Formation of Muslim League-Seurat split - Extremist activities-Minto-Morley reforms of 1909.

UNIT- III:

First World War and its effects - Lucknow Pact - Home Rule Movement - Montague, Chelmsford - Rowlett Act - Jallianwala Bagh massacre – Hunter Commission 1919.

UNIT- IV:

Gandhian Era - Champaran Movement - Non-Cooperation Movement - Swaraj Party - Simon Commission Nehru Report - Jinnah's 14 points - Civil Disobedience Movement - Round Table Conferences - Government of India Act of 1935.

UNIT-V:

Second World War and its effects - Two Nation Theory of Jinnah - Quit India Movement - Cabinet Mission - Mountbatten Plan - Partition and Independence.

Reference Books:

1. l. Groover, B., and Grover. S. - A New Look at Modern Indian History, New Delhi: S. Chand & Co., 2004.
2. Majumdar, R.e. and Others - An Advanced History of India, New Delhi, Macmillan, 2003.
3. Larry Collins and Dominique Lapierre - Freedom at Midnight, Delhi: Vikas publications, 1996.
4. Sumit Sarkar - Modern India, (1885 - 1947), New Delhi: Macmillan, 2001.
5. Bipan Chandra and Others - India's Struggle for Independence, New Delhi, Penguin, 2008.
6. 6. Agarwal R.C. - Constitutional Development and National Movement of India, New Delhi: S. Chand & Co., 2005.
7. Venkatesan, G. History of Freedom Struggle in India, Madurai: J.J. Publications, 1999.

2. AGRICULTURAL ECONOMICS

COURSE OBJECTIVES

1. To help the students to understand Scope and Role of Agriculture in Economic development.
2. To understand the term agricultural productivity and cropping pattern.
3. To gain knowledge of wage Discrimination and problems of farmers.
4. To acquire knowledge of Size of holdings in India.
5. To gain knowledge of indebtedness and sources of Agricultural credit.
6. To understand Scope and Types of Agricultural markets.

UNIT-1: Nature and Importance of Agriculture

Definition - Scope of Agriculture Economics - Nature of Agriculture Economics - Interdependence between Agriculture - Agriculture in a Growing Economy - Role of Agriculture in Economic development.

UNIT-II: Agriculture Productivity

Measuring Agriculture Productivity - Farm size - Cropping Pattern - Agricultural Labour and Wages - Women in Agriculture - Wage Discrimination - Green Revolution - Problems of Small and Marginal Farmers.

UNIT-III: Size of Land Holdings

Types of Farming - Factors Determining the Types of Farming - Economic Holding - Size Pattern of holding in India - Subdivision and Fragmentation of Holding in India - Causes of Sub-division and Fragmentation - Problems of Fragmentation - Ceiling on Land Holding.

UNIT-IV: Agricultural Credit

Meaning - Importance - Agricultural Indebtedness - Causes - Remedies - Co-operatives Bank - Commercial Banks - Regional Rural Banks - Agricultural Credit in India - Institutional Agencies Supplying Agricultural Credit.

UNIT-V: Agricultural Markets

Meaning - Definition - Scope - Importance - Types of Agricultural Markets - Co-operative Marketing - Regulated Markets –Agricultural Marketing in India.

TEXT BOOKS:

Unit-I: Sankaran, S.: Agricultural Economic – Margham & Company LTD, New Delhi.2014

Unit-II: Sankaran, S.: Agricultural Economic – Margham & Company LTD, New Delhi.2014

Unit-III: Sankaran, S.: Agricultural Economic – Margham & Company LTD, New Delhi.2014

Unit-IV: B.P.Tyagi, Agricultural Economics and Rural Development, Jai Prakash Nath&co, Meerut.2010

Unit-V: Sankaran, S.: Agricultural Economic – Margham& Company LTD, New Delhi 2014

REFERENCE BOOKS:

1. R.G.Desai, Agricultural Economics, Himalaya Publishing House, New Delhi, 2017.
2. B.P.Tyagi, Agricultural Economics and Rural Development, Jai Prakash Nath&co,Meeryt.2010
3. P.Mala,AgriculturalEconomics,Dominent Publisher, New Delhi.2018
4. S.K.Mishra&V.K.Puri,IndianEconomyHimalaya Publishing House, New Delhi.2011
5. S.SubbaReddy,AgriculturalEconomics,Oxford&IBH Publishing Co.Pvt.Ltd., New Delhi.2018

E- MATERIALS

1. www.answerroot.com/Agricultural economics/Look no further
2. uk.life123.com/Agricultural economics/See now
3. in.downloadsearch.cnet.com/Agriculture/Look no further
4. www.amazon.in/Agricultural Economics/Agricultural Economics
5. www.economicsdiscussion.net/agricultural-economics/...
6. en.wikipedia.org/wiki/Agricultural_Economics
7. www.britannica.com/topic/agricultural-economics
8. www.studyingeconomics.ac.uk/.../agricultural-economics
9. www.sciencedirect.com/journal/agricultural-economics
10. www.researchgate.net/topic/Agricultural-Economics

COURSE OUTCOMES

1. After studied unit-1, the student will be able to understand the nature and importance of Agriculture
2. After studied unit-2, the student will be able to gain knowledge of Agricultural productivity.
3. After studied unit-3, the student will be able to understand the size of Land holdings.
4. After studied unit-4, the student will be able to gain knowledge of sources of Agricultural Credits.
5. After studied unit-5, the student will be able to understand the scope and types of Agricultural markets.

ALLIED 1

PAPER 1

3. BASICS OF COMPUTER APPLICATION I

Objective of the Paper:

- To enable students to learn the Basics of Computer
- To help them understand the Logics of Programming
- To promote practical learning of operating computers

UNIT-I

Introduction to Computers: Computer system concepts - characteristics of Computergenerations and types of computer - Parts of Computer System - Booting Process-Classification of digital computer system - Organization of Computers.

UNIT-II

Computer Software: System software - Application Software – firmware.Evolution of programming languages: first generation – secondgeneration - third generation and fourth generation languages.

UNIT-III

Language translator: Compiler - Interpreter and Assembler. **Operating System:** Definition – Job – Objective and evolution of Operating system - Types of operating systems.

UNIT-IV

Programming Languages classification: Machine language - Assembly language andhigh-level language. **Input devices:**keyboard - mouse - Output devices - Classifications of output - printers - Monitors.

UNIT-V

ComputerProgram - developing a program - Algorithm - Flowchart - Program Testing and debugging - Program documentation - Computer languages - Software.

Textbooks:

1. V.Rajaraman-Introduction to Information Technology-Second Edition-PHI Learning Private Limited-Delhi-2013.
2. Introduction to Computer Science, ITL Education solutions limited, Pearson education

Reference Books:

1. Predeep K. Sinha- Computer Fundamentals- Sixth Edition-BPB Publication

2. ReemaThareja – Fundamentals of Computer – First Edition- Oxford University Press

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ALLIED – 1
PAPER – 1
4. FINANCIAL ACCOUNTING– I

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COURSE OBJECTIVES:
- The objective of this paper is to help the students to acquire conceptual knowledge of accounting.

COURSE OUTCOMES:

On the successful completion of the course, the student will be able

CO NUMBER	CO STATEMENT
CO1	To introduce the basic concepts and conventions to the students, this would help in development of accounting knowledge.
CO2	To understand the concept of Double entry system this helps in preparation of various books of accounts.
CO3	To develop the capability of students to prepare the Final Accounts of a Small Business Concern.
CO4	To introduce the concept of Single entry system of Accounting which helps them to prepare the accounts from incomplete records.
CO5	To enhance the Accounting Knowledge by introducing the practical uses of Average Due Date and Bank Reconciliation Statement.

Unit-I
INTRODUCTION TO ACCOUNTING
Meaning- Definition- Functions- Objectives- Users of Accounting Information- Accounting Concepts and Conventions – Advantages and Limitations of Accounting.

Unit-II
DOUBLE ENTRY SYSTEM OF ACCOUNTING
Meaning and concepts - Golden Accounting Rules- Journal Entries- Ledger- Trail Balance – Rectification of Errors (Simple Problems).

Unit-III
FINAL ACCOUNTS
Preparation of Trading Account, Profit and Loss Account and Balance Sheet- Adjustment Entries (Simple Problems).

Unit-IV
SINGLE ENTRY SYSTEM
Meaning - Features - Advantages - Limitations - Methods- Net Worth Method – Conversion Method (Simple Problems).

Unit-V

AVERAGE DUE DATE AND BANK RECONCILIATION STATEMENT

Average Due Date - Meaning -Uses – Problems - Bank Reconciliation Statement-Meaning- Reasons for Preparation- Procedures and Preparation of Bank Reconciliation statement (Simple Problems).

DISTRIBUTION OF MARKS: THEORY 20% AND PROBLEMS 80%

TEXT BOOK

S.No	Author	Title	Publisher	Year of Publication
1	T.S.Reddy and Murthy	Financial Accounting	Margham Publications	2018

REFERENCE BOOKS

S.No	Author	Title	Publisher	Year of Publication
1	M.C. Shukla and T.S. Grewal&co	Advanced Accounts	S. Chand & Co	2016
2	R.L. Gupta	Financial Accounting	Sultan chand	2014
3	S.P. Jain &K.L Narang,	Financial Accounting	Kalyani Publication	2017
4	R.S.N Pillai&V.Bagavathi	Fundamental of Advanced Accounting, Volume – I	S. Chand & Co	2013

SEMESTER II

PAPER – 3
CORE THEORY

MICRO ECONOMICS –II

COURSE OBJECTIVES:

1. The main objective of this paper is to introduce the concept of Market to the students.
2. The students understand the behavior of firms in Perfect competitions.
3. Acquires the knowledge of the firms in output and price determination in a imperfect competition.
4. Gains knowledge of the Marginal productivity theory of distribution and theories of Rent.
5. Understands the importance of Trade unions and wage theories.
6. The student understands the theories of Interest and Profit.

UNIT-I: Market Structures and Perfect competition

Market – Meaning - Classification of market - Perfect competition – Features, Price and Output determination – Equilibrium of the Firm and Industry in the short run and long run.

UNIT-II: Imperfect Competition

Imperfect competition-Meaning-Monopoly-Meaning-Price and Output determination-Monopolistic Competition –Features- Price and Output determination the short run and Long run – Price discrimination – Oligopoly: Features- Kinds of Oligopoly - Kinked Demand Curve -Duopoly –Meaning and Cournot Model.

UNIT-III: Theory of Distribution

Distinction between personal and functional distribution - Marginal Productivity Theory of Distribution - Rent –Meaning- Ricardian Theory of Rent - Modern theory of rent – Quasi-Rent.

UNIT-IV: Wages

Wages-Meaning- Real and Money wages – Factors determining Real wages - Theories of Wages - The Subsistence Theory of Wages - Wage fund theory - Modern theory of wages Minimum wages - Trade Union and wages.

UNIT-V: Interest and Profits

Interest – Meaning - Loanable Fund theory- Liquidity Preference Theory – Profits - Modern Theory of Interest - Theories of Profit - Schumpeter's Innovation theory of Profit - Knight's Uncertainty Bearing Theory of Profit - Hawley's Risk theory of profit.

TEXT BOOKS:

Unit-I : Ahuja, H.L.: Advanced Economic Theory - S. Chand & Company LTD, New Delhi.

Unit-II: Ahuja, H.L.: Advanced Economic Theory - S. Chand & Company LTD, New Delhi.

Unit-III: Ahuja, H.L.: Advanced Economic Theory - S. Chand & Company LTD, New Delhi.

Unit-IV: Ahuja, H.L.: Advanced Economic Theory - S. Chand & Company LTD, New Delhi.

Unit-V: Ahuja, H.L.: Advanced Economic Theory - S. Chand & Company LTD, New Delhi.

REFERENCE BOOKS:

1. R.Cauvery, U.K.SudhaNayak ,M.Girija, N.KruparaniR.Meenakshi , Micro Economic Theory, Sultan Chand & Company LTD, Ram Nagar New Delhi.
2. Dewett, K.K. Modern Economic Theory, S. Chand & Company LTD, New Delhi
3. M.L.Jhingan, Modern Micro Economics, Vrinda Publication Private Limited, New Delhi 2011.
4. S.K.Misra and V.K.Puri, Advanced Micro Economic Theory, Himalaya Publishing House, 2009.
5. Koutsoyiannis, A: Modern Micro Economics - Macmillan Press Limited.
6. Maurice Dobb: Theories of Value and Distribution since Adam Smith – Vikas Publishing House, New Delhi. 2012.
7. Sankaran, S: Micro Economics - Margham Publications, Chennai Edition 2012.

E - MATERIALS

1. www.managementnote.com/introduction-microeconomics
2. www.oxfordreference.com/view/10.1093/oi/...
3. uk.life123.com/Study microeconomics/Save your time
4. en.wikipedia.org/wiki/Microeconomics
5. www.investopedia.com/terms/m/microeconomics.asp
6. economictimes.indiatimes.com/.../microeconomics
7. www.businessdictionary.com/definition/microeconomics.html

COURSE OUTCOMES

1. After studied unit-1, the student will be able to understand the concept of market competition and how price and output determined in a perfect competition.
2. After studied unit-2, the student will be able to acquire Knowledge of the Imperfect market, price and output determination in the short run and long run.

3. After studied unit-3, the student will be able to understand the Marginal productivity theory of distribution and the theories based on which the rent is fixed.
4. After studied unit-4, the student will be able to gain knowledge of the theories of wages and the importance of Trade unions.
5. After studied unit-5, the student will be able to gain knowledge of the theories of Interest and profit.

PAPER – 4
CORE THEORY

STATISTICS FOR ECONOMICS –II
COURSE OBJECTIVES:

1. To give adequate information to the students regarding the testing of hypothesis such that how various types of test can be utilized under different situations.
2. To make the students aware about the various types of index numbers and their constructions.
3. To impart knowledge regarding the development of linear relationship between the two correlated variables to the students.
4. To understand the relevance of probability and its limitations.
5. To improve the analytical skill sync with statistics.
6. Improving the interpreting skills through statistical knowledge.

UNIT-I: Correlation

Meaning – Types, Measurement of Correlation - Karl Pearson's Co-efficient of Correlation - Spearman's Rank Correlation and Concurrent Deviation Method.

UNIT-II: Regression

Meaning - Definition - Difference between Correlation and Regression –Importance of Regression Analysis - Regression Equations - Calculation of Regression Coefficient - Correlation Coefficient from Regression Coefficients.

UNIT-III: Time Series

Time series – Components of Time Series- Measurement of trend – Moving average, method of least square, Seasonal indices by simple average method.

UNIT-IV: Index Numbers

Meaning - Uses - Problems In The Construction of Index Numbers –Methods of constructing Index numbers – Simple and weighted Index Numbers - Laspyre'sMethood – Paachee's Method - Fisher's Index Method - Cost of living Index – Uses of Index Numbers.T

UNIT-V: Probability

Meaning - Definition - Uses - Types - Objectives - Empirical Probability - Subjective Probability - Theorems of Probability: Addition Theorem - Multiplication Theorem.

TEXT BOOKS:

Unit-I: Gupta.S.P.:StatisticsforEconomics – S.Chand& Company LTD, New Delhi 2017

Unit-II: Gupta.S.P.:StatisticsforEconomics – S.Chand& Company LTD, New Delhi 2017

Unit-III: Gupta.S.P.:StatisticsforEconomics – S.Chand& Company LTD, New Delhi 2017

Unit-IV: Gupta.S.P.:StatisticsforEconomics – S.Chand& Company LTD, New Delhi 2017

Unit-V: Gupta.S.P.:StatisticsforEconomics – S.Chand& Company LTD, New Delhi 2017

REFERENCE BOOKS:

1. D.C.Sancheti , V.K.Kapoor, Statistics Theory, Methods And Application Sultan Chand & Sons New Delhi, 2019
2. S.P.Gupta Statistical Methods Sultan Chand & Sons New Delhi. 2017
3. R.S.N. Pillai and V.BagavathiStatistics Theory and PracticeSultan Chand & Sons New Delhi. 2019

E - RESOURCES

1. www.homeandgardenideas.com/Economics statistics/
2. in.zapmetasearch.com/Statistics For Economics
3. www.teoma.co.uk/Economic/Tamil Nadu
4. www.toppr.com/guides/economics/statistics-
5. www.learncbse.in/statistics-for-economics
6. en.wikipedia.org/wiki/Economic_statistics
7. www.ncrtsolutions.in/...statistics-for-economics-ncert.html
8. books.google.co.in/books/about/Statistics..
9. www.thefreedictionary.com/statisticsin.zapmetasearch.com/Statistics For Economics
10. www.investopedia.com/terms/m/Statistics.asp

COURSE OUTCOMES

1. After studied unit-1, the student will be able to understand the calculation of coefficient of correlation and rank correlation.
2. After studied unit-2, the student will be able to acquire Knowledge of importance and calculation regression analysis.
3. After studied unit-3, the student will be able to acquire knowledge on the components of time series.
4. After studied unit-4, the student will be able to gain in depth knowledge of methods of constructing index numbers.
5. After studied unit-5, the student will be able to understand probability theorem.

1. HISTORY OF INDIA FROM C.E.1947 TO C.E.2014

UNIT-I:

Nehru Era - Making of the Constitution - Integration and States reorganisation – Five Year Plans - Foundation of India's Foreign Policy - Kashmir issue - Chinese aggression of 1962.

UNIT-ll:

Lal Bahadur Shastri - Domestic policy - Indo-Pakistan war of 1965 and TashkentAccord - lndira Gandhi: 1966-1975 - Internal reforms - Congress split - lndo-Soviet   Treaty - lndo-Pakistan war of 1971 and the Simla Agreement.

UNIT-Ill:

Jayaprakash Narayan and Total Revolution - Emergency - Janata Government - Internal reforms and Foreign policy - Re-emergence of Indira 8Gandhi - Khalistan issue and Operation Blue Star.

UNIT-IV:

Rajiv Gandhi - Programmes and Policies - SAARC - Rajiv - Jayewardene Accord - V.P. Singh and National Front Government - P.V. Narashima Rao - New Economic Policy- Ayodhya issue.

UNIT-V:

UF, NDA and UPA I&II – Vajpayee – Man Mohan Singh -Coalition governments - Changing trends in Economy, Education, Science and Technology - Foreign policy-   Social development.

Reference Books:

1. Dutt, V.P. - India's Foreign Policy, New Delhi: Vikas Publications, 1993.
2. Grover, B.L., and Grover, S. A New Look at Modern Indian History, New Delhi: S. Chand & Co., 2004.
3. Mahajan, V.D., History of Modern India (1919 - 1982), New Delhi: Chand & Co. 2004.
4. Ramachandra Guha, India After Gandhi, Noida: Picador, 2008.
5. Christophe Jaffrelot, India Since 1950, New Delhi: Yatra Books, 2012.

6. Bipan Chandra, Mridula Mukherjee and Aditya Mukherjee - India after Independence, New Delhi, Penguin, 2008.
7. Venkatesan, G. History of Contemporary India, Rajapalayam: V.c. Publications, 2010.

2. AGRICULTURAL MARKETING

COURSE OBJECTIVES

1. To enable the students to understand the concepts of Marketing.
2. To help the students to understand functions of Agricultural marketing.
3. To understand the term Marketing structure and role of wholesaler, retailer and middlemen.
4. To gain knowledge of marketing agencies and channels.
5. To acquire knowledge of Supply chain management.
6. To gain knowledge of market regulations.

UNIT-1: Introduction

Meaning - Nature - Scope - Basic Concepts of Marketing - Significance of Marketing - Classifications - Marketing Processes - Market Structure - Market Force - Demand – Supply.

UNIT-II: Marketing Functions

Meaning - Classes of Functions - Functions of Exchange - Functions of Physical Supply - Facilitation Function - Buying - Assembling - Selling - Transportation - Warehousing - Standardization - Grading - Financing - Risk - Market Information.

UNIT-III: MarketingStructure

Marketing Of Agricultural Production - Marketing Structure - Regulated Market - Organized Markets - Wholesalers and Retailers - Functions and Services of the Wholesaler - Role of Middlemen and the Retailers - Cooperative Marketing Bodies.

UNIT-IV: Marketing Agencies And Channels

Meaning - Definition - Factors Affecting Marketing Channels - Contract Forming - Advantages of Contract Forming - Types of Contract Forming - Supply Chain Management.

UNIT-V: Regulation

Definition - Objectives - History of Market Regulation - Progress - Important Features of Regulated Market - Need For Reorientation of Market Regulation - Council of State Agricultural Marketing Bodies.

TEXT BOOKS:

Unit-I: Acharya, S.S. Agricultural Marketing in India Oxford &IBH Company Pvt. Ltd., New Delhi 2010

Unit- II: Sankaran, S.Agricultural Marketing Margham Company Pvt Ltd., New Delhi 2012

Unit-III: Acharya, S.S. Agricultural Marketing in India Oxford & IBH Company Pvt. Ltd., New Delhi 2010

Unit- IV:.Acharya, S.S. Agricultural Marketing in India Oxford & IBH Company Pvt. Ltd., New Delhi 2010

Unit- V: Sankaran, S.Agricultural Marketing Margham Company Pvt Ltd., New Delhi 2012

REFERENCE BOOKS:

1. R.G.Desai Agricultural Economics Himalaya Publishing House, New Delhi

2. B.P.Tyagi Agricultural Economics and Rural Development Jai Prakash Nath&co,Meeryt.2010

3. P.Mala,Agricultural Economics Dominent Publisher, New Delhi.2018

4. Benjamin, Hariroran&Karunagaran, Economics of Agriculture S.Chand& Co, New Delhi,2011

E- MATERIALS

1. www.hillagric.ac.in/edu/coa/agriecoextedursocio/lectures/...
2. www.agrimoon.com/agriculture-icar-ecourse-pdf-book
3. agritech.tnau.ac.in/agricultural_marketing/agrimark...
4. ecourses.icar.gov.in
5. www.agmarknet.gov.in
6. www.ccsniam.gov.in
7. www.indiaagronet.com/indiaagronet/Agri_marketing/...
8. www.uniprojectmaterials.com/agricultural...
9. en.wikipedia.org/wiki/Agricultural_Marketing
10. hillagric.ac.in/edu/coa/AgriEcoExtEduRSocio/lectures/...

COURSE OUTCOMES

1. After studied unit-1, the student will be able understand to basic concepts of marketing.
2. After studied unit-2, the student will be able to acquire knowledge of marketing functions.
3. After studied unit-3, the student will be able to understand the structure of market.
4. After studied unit-4, the student will be able to acquire knowledge of channels of marketing.
5. After studied unit-5, the student will be able to know the regulations of market.

3. BASICS OF COMPUTER APPLICATION II

Objective of the Paper:

- To introduce the basic concepts of Information Technology to Students
- To inculcate Practical learning of MS Office components for simple Business Applications
- To understand the Internet concepts and basic Internet Applications

UNIT-I

Introduction to Information Technology:Data and Information - Prerequisites of Information - Need for Information - Components of Information Technology - Importance of Information Technology in Business.

UNIT-II

MS Word Documents: Beginning with MS Word - MS Word Environment - Working with Word documents - Working with text - working with tables - Checking Spelling and Grammar –Mail Merge documents.

UNIT-III

MS Excel Spreadsheets : Beginning with MS Excel - MS Excel environment - Working with Excel workbook - working with worksheet - Formulas and functions - Inserting charts.

UNIT-IV

MS Power Point Presentations: Beginning with MS power point - MS Power Point Environment - Working with Power Point - Working with different views –Applying Presentation Designs- Creating Animations in presentations.

UNIT-V

Basics of Internet: History of Internet - Terminologies - Getting connected to Internet - Internet applications - Electronic mail - How E-Mail works - Searching the Web - Internet and viruses.

Textbook:

1. Introduction to Information Technology, ITL ESL, Pearson Education.

Reference Book:

1. Learn Microsoft Excel in Easy Way – First Edition- Ritesh Kumar-Ganapati Book Centre

4. FINANCIAL ACCOUNTING II

COURSE OBJECTIVE:
* To develop the skills for recording the various kinds of Business Transactions.

COURSE OUTCOME

On successful completion of this course, the students will be able

CO NUMBER	CO STATEMENT
CO1	To Understand the concept of Branch Accounting and enable the students to prepare Accounts for various types of Branches.
CO2	To enhance the procedure for preparing Departmental Accounts.
CO3	To Develop the skill of the students in preparing Hire Purchase Accounting, both in the books of Hire Purchaser and Hire Vendor.
CO4	To Understand the Accounting procedure for Partnership in cases like Admission, Retirement, Death.
CO5	To Understand the Accounting procedure for Dissolution and Insolvency of a Partner.

Unit – I
BRANCH ACCOUNTS
     Branch Accounts –Objectives – Types of Branches – Debtors System (at cost price and Invoice Price) – Independent Branch.

Unit – II
DEPARTMENTAL ACCOUNTS
     Departmental Accounts – Objectives – Distinction between Departments and Branches – Allocation of common expenses – Expenses which cannot be allocated – Inter Department transfer at cost price and selling price.

Unit – III
HIRE PURCHASE SYSTEM
     Hire Purchase system – Meaning – Journal Entries and Ledger Accounts in the books of Hire Purchaser and Hire Vendor – Default and Repossession -Complete Repossession only.

Unit – IV
PARTNERSHIP ACCOUNTS – I
     Partnership Accounts – Admission of Partner– Retirement of Partner – Death of a Partner (Simple Problems)

Unit – V
 PARTNERSHIP ACCOUNTS – II
        Dissolution of Partnership Firm - Insolvency of a Partner -Insolvency of all Partners (Garner vs. Murray). (Simple Problems)

DISTRIBUTION OF MARKS: THEORY 20% AND PROBLEMS 80%

TEXT BOOK

S.No	Author	Title	Publisher	Year of Publication
1	T.S.Reddy and Murthy	Financial Accounting	Margham Publications	2018

REFERENCE BOOKS

S.No	Author	Title	Publisher	Year of Publication
1	M.C. Shukla and T.S. Grewal&co	Advanced Accounts	S. Chand & Co	2016
2	R.L. Gupta	Financial Accounting	Sultan chand	2014
3	S.P. Jain &K.L Narang,	Financial Accounting	Kalyani Publication	2017
4	R.S.N Pillai&V.Bagavathi	Fundamental of Advanced Accounting, Volume – I	S. Chand & Co	2013

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