



M. C. E. Society's
Abeda Inamdar Senior College
Of Arts, Science and Commerce, Camp, Pune-1
(Autonomous) Affiliated to Savitribai Phule Pune University
NAAC accredited 'A' Grade

SYBA - ECONOMICS (w.e.f. 2022 –2023)

(CBCS – Autonomy 21 Pattern)

SEMESTER – III

Course Code	Course Name	Title of the Paper	No. of Credits	No of Lectures
21ABEC23S1	DSE-1A	Micro Economics - I	3	54
21ABEC23S2	DSE-2A	Macro Economics - I	3	54
21ABEC237	CC / SEC 1 A	Financial System - I	3	54
21ABEC23EC	SEC-2A	Basic Concept of Research Methodology - I	2	36

SEMESTER – IV

Course Code	Course Name	Title of the Paper	No. of Credits	No of Lectures
21ABEC24S1	DSE-1B	Micro Economics - II	3	54
21ABEC24S2	DSE-2B	Macro Economics - II	3	54
21ABEC247	CC / SEC 1 B	Financial System - II	3	54
21ABEC24EC	SEC-2B	Basic Concept of Research Methodology - II	2	36

CC : Core Course

DSE : Discipline Specific Elective Course

SEC1 : Specific Elective Course

SEC2 : Skill Enhancement Course



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SYBA ECONOMICS (2022 – 2023)

(CBCS – Autonomy 21 Pattern)

Course / Paper Title	DSE-1A : MICRO ECONOMICS - I
Course Code	21ABEC23S1
Semester	III
No. of Credits	3

Aims & Objectives of the Course :

Sr. No.	Aims & Objectives
1.	To develop an understanding about subject matter of Economics.
2.	To analyze and interpret charts, graphs and figures
3.	To develop an understanding of basic theories of micro economics and their application.
4.	To demonstrate that the theories discussed in class will usually be applied to real-life situations.

Expected Course Specific Learning Outcome :

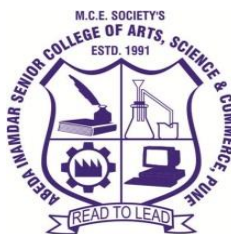
Sr. No.	Learning Outcome
1.	Develop strong conceptual knowledge of the subject
2.	Apply the concepts and interpret the changes in the economy
3.	Examine the working of the factor market and apply the theory to the changes in the economy
4.	Evaluate the cost aspects and examine its application in the market
5.	Analyze Case Studies and apply relevant tools

➤ SYLLABUS :

Unit No.	Contents	No. of Lectures
Unit - 1	INTRODUCTION	14
	<p>1.1 Meaning, Nature, Scope, Importance of Micro economics</p> <p>1.2 Basic Economic Problems. Normative Economics and Positive Economics, static and dynamic economy.</p> <p>1.3 Tools of economic analysis- Functional Relationship, Schedules, Graphs and Equations.</p> <p>1.4 Variables- Dependent and Independent Variable, Endogenous and Exogenous</p>	
Unit - 2	THEORY OF CONSUMER BEHAVIOR	14
	<p>2.1. Utility – Meaning and Types- Cardinal Approach: Law of Diminishing Marginal Utility, Law of Equi- Marginal Utility, Consumer’s Equilibrium</p> <p>2.2 Ordinal Approach: Indifference Curve Analysis- Meaning and Definition, Characteristics of Indifference Curve, Budget Line , Consumer’s Equilibrium</p> <p>2.3 Introduction to revealed preference theory</p>	
Unit - 3	THEORY OF DEMAND	12
	<p>3.1 Meaning of Demand, Determinants of Demand</p> <p>3.2 The Law of Demand & Its Exceptions, Market Demand.</p> <p>3.3 Elasticity of Demand –Meaning and Types</p> <p>3.3.1 Price Elasticity of Demand: Meaning, Types, Methods of Measurement</p> <p>3.3.2 Income Elasticity of Demand: Meaning and Types</p> <p>3.3.3 Cross Elasticity of Demand: Meaning and Types</p> <p>3.3.4 Application of Elasticity of demand, Numerical</p>	
Unit - 4	SUPPLY AND PRODUCTION ANALYSIS	14
	<p>4.1 Meaning, Definition and Determinants of Supply.</p> <p>4.2 The Law of Supply</p> <p>4.3 Elasticity of Supply: Meaning and Types</p> <p>4.4 The Production Function: Meaning and Definition</p> <p>4.5. Production Function: Short Term and Long Term</p> <p>4.6 Total, Average and Marginal Production</p> <p>4.7 The Law of Variable Proportions</p> <p>4.8 The Law of Returns to Scale</p> <p>4.9 Internal and External: Economies & Diseconomies of Scale</p>	

➤ **REFERENCE LIST :**

- 1) Ahuja, H. L. (2019). *Principles of microeconomics* (22nd ed.). S. Chand Publishing.
- 2) Dewett, K. K. (latest edition). *Modern economic theory*. S. Chand Publications, New Delhi.
- 3) Jhingan, M. L. (latest edition). *Macro-economic theory*. Virinda Publication, Delhi.
- 4) Jack Hirshlifer, *Price Theory and Applications*, Prentice Hall of India Pvt. Ltd. Delhi
- 5) Koutsoyiannis, A. (latest edition). *Modern microeconomics* (2nd ed.). MacMillan Press.
- 6) Lipsey, R., & Chrystal, A. (2020). *Economics* (14th ed.). Oxford University Press.
- 7) Mansfield, E., & Yohe, G. W. (latest edition). *Microeconomics: Theory/applications*. W W Norton & Company.
- 8) Mankiw, N. G. (2016). *Principles of microeconomics* (8th ed.). Cengage Learning.
- 9) Sundaram, K. P., & Sundaram, E. N. (n.d.). *microeconomics*. . Chand Publication, New Delhi.
- 10) Seth, M. L. (latest edition). *Principles of economics: Micro and macroeconomics*. Lakshmi Narain Agrawal Publisher.



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SYBA ECONOMICS (2022 – 2023)

(CBCS – Autonomy 21 Pattern)

Course / Paper Title	DSE-2A : MACRO ECONOMICS - I
Course Code	21ABEC23S2
Semester	III
No. of Credits	3

Aims & Objectives of the Course :

Sr. No.	Aims & Objectives
1.	To introduce students to the historical background of the emergence of macroeconomics
2.	To familiarize students with the differences between microeconomics and macroeconomics
3.	To familiarize students with various concepts of national income
4.	To familiarize students with Keynesian macroeconomic theoretical framework of consumption and investment functions

Expected Course Specific Learning Outcome :

Sr. No.	Learning Outcome
1.	Study the inter-relationship between Macroeconomic aggregates
2.	Analyze the various aggregates of national income, its inter-relationships and the dynamic functioning of an economy
3.	Analyze the Income, Employment and Output determination theories and its relevance in recent times and significance of fiscal policy.
4.	Ability to analyze and demonstrate knowledge of the basic theories/laws in Macroeconomics.
5.	At the end of the course, the student should be able to evaluate macroeconomic concepts, models and its use in real life situations.

➤ SYLLABUS :

Unit No.	Contents	No. of Lectures
Unit - 1	INTRODUCTION	10
	<p>1.1 Meaning, Nature and Scope of Macro Economics</p> <p>1.2 Importance and Limitations of Macro Economics</p> <p>1.3 The difference between Micro Economics and Macro Economics</p>	
Unit - 2	NATIONAL INCOME	16
	<p>2.1. Meaning and Importance of National Income</p> <p>2.2 Various Concepts of National Income – GDP, GNP, NNP, PCI, Personal Income, Disposable Income</p> <p>2.3 Methods of National Income Measurement, Difficulties in the Measurement of National Income</p> <p>2.4 Circular Flow of National Income</p> <p>2.5 Trends of National Income in India post 1991.</p> <p>2.6 Index Number- Meaning, Construction, Importance and Limitations.</p>	
Unit - 3	THEORY OF EMPLOYMENT AND OUTPUT	14
	<p>3.1 Classical Theory of Employment, Say's Law of Market.</p> <p>3.2 Keynes' Criticism on Classical Theory</p> <p>3.3 Keynesian Theory of Employment – Aggregate Supply Price and Aggregate Demand Price, Employment Determination</p>	
Unit - 4	CONSUMPTION AND INVESTMENT	14
	<p>4.1 Consumption Function – Meaning, Various Concepts - APC, MPC, Psychological Law of Consumption, Factors Influencing Consumption Function</p> <p>4.2 Saving function - APS, MPS.</p> <p>4.3 Investment function – Meaning, Types, Factors of Investment: Rate of Interest & Marginal Efficiency of Capital</p> <p>4.4 The Concept of Multiplier;</p> <p>4.5 The Principle of Acceleration</p>	

➤ **REFERENCE LIST :**

- 1) D. N. Dwivedi (2005). *Macroeconomics: Theory and policy*. Tata McGraw-Hill Education.
- 2) H. L. Ahuja, (2016). *Macroeconomics: Theory and policy* (20th ed.). S. Chand & Company Limited.
- 3) J. P. Mishra (2021). *Business economics*. Sahitya Bhavan Publications.
- 4) K. R. Gupta & R. K. Mandal. (2017). *Macroeconomics* (latest Edition.). S. Chand Publishing.
- 5) M. L. Jhingan, (2017). *Macroeconomic theory* (13th ed.). Vikas Publishing House.
- 6) N. G. Mankiw, (2019). *Macroeconomics*. Worth.
- 7) P. A. Samuelson & Nordhaus, W. D. (2021). *Economics* (20th ed.). McGraw-Hill Education.
- 8) Rudiger Dornbush,, Stanley Fisher, & & Richard Startz. (2018). *Macroeconomics* (12th ed.). Tata McGraw Hill Education Private Limited.
- 9) S Mukherjee, M Mukherjee & A Ghose (latest Edition). *Microeconomics*. PHI Learning Pvt.
- 10) S. B. Gupta (2011). *Monetary economics (institutions, theory and policy)*. S Chand.



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Syllabus for S.Y.BA Financial System - I

(CBCS – Autonomy 21 Pattern)

Course / Paper Title	CC/SEC 1 A: Financial System - I
Course Code	21ABEC237
Semester	III
No. of Credits	3

Objectives of the Course

Sr. No.	Objectives
1.	To understand fundamentals of modern financial system.
2.	To understand the recent trends and developments in banking system.
3.	To understand the role of the Reserve Bank of India in Indian financial system.
4.	To provide the knowledge of various financial and non-financial institutions.

Course Specific Learning Outcomes

Sr. No.	Learning Outcome
1.	Understand the dynamics of Financial System.
2.	Analyze the pertinent issues in the Financial System.
3.	Familiarize students with the Reforms in the Banking Sector.
4.	Comprehend the need, definition, functions and economic significance of financial institutions and markets.
5.	Critically understand the evolving role of Central Banking and Grasp the conduct of monetary policy.

Syllabus

Unit No.	Contents	No. of Lectures
Unit I	Indian Financial System	12
	1. Introduction: Meaning, Nature, Role and Importance of Indian Financial System 2. Structure of Indian Financial System 3. Characteristics and Functions of Components of Indian Financial System	
Unit II	Banking in India	14
	1. Commercial Banks (Public Sector Banks, Private Sector Banks, Foreign Banks): Management, Organization and Functions 2. Regional Rural Banks and Co-operative Banks: Evolution, Management and Organization, Loan Management, Functions, Problems and Measures to solve the problems	
Unit III	Financial Markets in India	14
	1. Classification of Financial Market 2. Indian Money Market: Features, Functions and Instruments 3. Indian Capital Market: Features, Functions and Instruments 4. Foreign Exchange Market: Role and Importance	
Unit IV	Important Financial Institutions	14
	1. Meaning and Importance of Financial Institutions 2. Stock Markets: NSE and BSE: Meaning and Functions 3. Non - Banking Financial Intermediaries: Meaning and Functions 4. Role and Functions of Financial Institutions in India with reference to UTI, LIC, GIC 5. Refinance Facilities to Banks: NABARD and SIDBI	

References:

- 1) Akhan, J. A. (2010). *Non-banking financial companies (NBFCs) in India: Functioning and reforms*. Elsevier.
- 2) Bhole, L. M. (2004). *Financial institutions and markets: Structure, growth and Innovations, 4e*. Tata McGraw-Hill Education.
- 3) Chawla, A. S., Uppal, K. K., & Malhotra, K. (1988). *Indian banking towards 21st century*.

- 4) Khan, M. Y. (2019). *Indian financial system, 11/E*. McGraw-Hill Education.
- 5) Pathak, B. V. (2014). *Indian financial system*. Pearson Education India.
- 6) Parameswaran, R. (2001). *Indian banking*. S. Chand Publishing.
- 7) Sarkhel, J., & Salim, S. (2018). *Indian financial system*. McGraw-Hill Education.
- 8) Shah, A., Thomas, S., & Gorham, M. (2008). *Indian financial markets: An insider's guide to how the markets work*. Elsevier.

Important Websites:

1. sebi.gov.in
2. nabard.org
3. sidbi.in



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SYBA. ECONOMICS (2022 - 2023)

(CBCS – Autonomy 21 Pattern)

Course / Paper Title	SEC-2A : Basic Concept Of Research Methodology - I
Course Code	21ABEC23EC
Semester	III
No. of Credits	2

Aims & Objectives of the Course :

Sr. No.	Aims & Objectives
1.	To develop the understanding of the basic concept of research.
2.	To develop the understanding of the basic framework of Sampling and data collection.
3.	To develop the understanding of various sampling methods and techniques.
4.	To identify various sources of information for data collection.

Expected Course Specific Learning Outcome :

Sr. No.	Learning Outcome
1.	Demonstrate his/her understanding of sampling methods and the ability to use collection of data
2.	Identify the appropriate sample techniques for different kinds of research questions
3.	Identify the appropriate source of data in relation to the collection of Research data.
4.	Able to classify and present the collected data in the form of graph, bar diagram, chart etc.
5.	Ability to develop, demonstrate and examine topics under Economics to pursue Research.
6.	Ability to evaluate and examine subject areas in economics and explore possibilities of research.

➤ **SYLLABUS :**

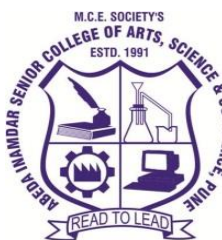
Unit No.	Contents	No. of Lectures
Unit - 1	INTRODUCTION OF RESEARCH	10
	1.1 Meaning and Definition of Research 1.2 Types Of Research i. Fundamental Research ii. Applied Research iii. Action Research 1.3 Importance Of Economics Research	
Unit - 2	RESEARCH DESIGN	14
	2.1 Meaning of Research Design 2.2 Need of Research Design 2.3 Types of Research Design i. Exploratory Design ii. Descriptive Design iii. Experimental Design 2.4 Concepts of Hypothesis and Importance 2.5 Formulation of Question / Research Problem.	
Unit - 3	DATA COLLECTION	12
	3.1 Meanings and Definition of Data Collection 3.2 Primary Data – Meaning & Sources 3.3 Secondary Data - Meaning & Sources	
	SKILL DEVELOPMENT ACTIVITIES	
	Continuous Assessment - (C. A.) : To compete any Three Skill Development Activities from the prescribed syllabus, each activity for 05 marks (15 Marks)	

➤ **RECOMMENDED BOOKS :**

- 1) Arora, P. (2007). *Comprehensive statistical methods*. S. Chand Publishing.
- 2) Bethlehem, J. (2009). *Applied survey methods: A statistical perspective*. John Wiley & Sons.
- 3) Cochran, W. G. (2007). *Sampling techniques* (3rd ed.). John Wiley & Sons.
- 4) Gupta, S. P. (1976). *Statistical methods*. Sultan chand and sons.
- 5) Karmel, P., & Polasek, M. (2006). *Applied statistics for economists*. Pitman.

- 6) Kothari, C. R. (2004). *Research methodology: Methods and techniques*. New Age International.
- 7) Kumar, R. (2010). *Research methodology: A step-by-step guide for beginners*. SAGE.
- 8) PANNEERSELVAM, R. (2014). *Research methodology*. PHI Learning Pv

- 9) Spiegel. (2003). *Theory and problems of probability and statistics (Schaum S outline series)*. Tata McGraw-Hill Education.



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SYBA. ECONOMICS (2022 - 2023)

(CBCS – Autonomy 21 Pattern)

Course / Paper Title	DSE-1B : MICRO ECONOMICS - II
Course Code	21ABEC24S1
Semester	IV
No. of Credits	3

Aims & Objectives of the Course :

Sr. No.	Aims & Objectives
1.	To impart knowledge of microeconomics.
2.	To demonstrate that the theories discussed in class will usually be applied to real-life situations.
3.	To help the students to prepare for varied competitive examinations
4.	To enable understanding the basic theories in microeconomics such as Demand theory, production theory, market structures.

Expected Course Specific Learning Outcome :

Sr. No.	Learning Outcome
1.	Understand the concept of revenue and its application
2.	Analyze the market structures prevalent in the economy and examine the pricing policies
3.	Examine the issues in the factor market both from demand and supply side and provide comprehensive solutions
4.	Analyze the factor incomes that accrue to factors of production
5.	Evaluate the criteria for welfare in an economy and interpret the welfare aspect in different economies

➤ **SYLLABUS :**

Unit No.	Contents	No. of Lectures
Unit - 1	COST AND REVENUE ANALYSIS	12
	<p>1.1 Cost Concepts : Fixed Costs, Variable Costs, Total Cost, Average Cost, Marginal Cost, Economic Cost and Accounting Cost, Opportunity Cost & Sunk cost</p> <p>1.2 Short-Run and Long Run Costs curves and their relationship</p> <p>1.3 Revenue Concept: Total Revenue, Average Revenue & Marginal Revenue.</p>	
Unit - 2	MARKET STRUCTURE	16
	<p>2.1 Meaning & Classifications of Market Structure</p> <p>2.2 Perfect Competition: Meaning, Characteristics, Equilibrium of Firm and Industry in Short Run and Long Run.</p> <p>2.3 Imperfect Competition:</p> <p>i. Monopoly: Meaning, Characteristics, Short and Long Run Equilibrium. Price Discrimination, Revenue and Price Elasticity</p> <p>ii. Monopolistic Competition: Meaning, Characteristics, Short & Long Run Equilibrium of firm and Industry, Selling cost-Meaning</p> <p>iii. Oligopoly: Meaning and Characteristics</p> <p>iv. Duopoly: Meaning and Characteristics</p>	
Unit – 3	FACTOR PRICING	14
	<p>3.1 Marginal Productivity Theory Of Distribution</p> <p>3.2 Rent : Ricardian Theory of Rent, Modern Theory of Rent, Quasi Rent.</p> <p>3.3 Wages : Modern Theory of Wages, Supply Curve of Labour</p> <p>3.4 Interest : Loanable Fund Theory, Keynesian Liquidity Preference Theory.</p> <p>3.5 Profit : Risk and Uncertainty Theory, Innovation Theory</p>	
Unit - 4	INTRODUCTION TO WELFARE ECONOMICS	12
	<p>4.1 Welfare Economics: Definition and Meaning</p> <p>4.2 Pigovian Welfare Economics</p> <p>4.3 Thought of Amartya Sen on Welfare Economics</p>	

➤ **REFERENCE LIST :**

- 1) Ahuja, H. L. (2019). *Principles of microeconomics* (22nd ed.). S. Chand Publishing.
- 2) Dewett, K. K. (latest edition). *Modern economic theory*. S. Chand Publications, New Delhi.
- 3) Jhingan, M. L. (latest edition). *Micro-economic theory*. Virinda Publication, Delhi.

- 4) Jack Hirshlifer, Price Theory and Applications, Prentice Hall of India Pvt. Ltd.Delhi
- 5) Koutsoyiannis, A. (latest edition). *Modern microeconomics* (2nd ed.). MacMillan Press.
- 6) Lipsey, R., & Chrystal, A. (2020). *Economics* (14th ed.). Oxford University Press.
- 7) Mansfield, E., & Yohe, G. W. (latest edition). *Microeconomics: Theory/applications*. W Norton & Company.
- 8) Mankiw, N. G. (2016). *Principles of microeconomics* (8th ed.). Cengage Learning.
- 9) Sundaram, K. P., & Sundaram, E. N. (n.d.). *microeconomics*. . Chand Publication, New Delhi.
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SYBA. ECONOMICS (2022–2023)

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Course / Paper Title	DSE-2B : MACRO ECONOMICS - II
Course Code	21ABEC24S2
Semester	IV
No. of Credits	3

Aims & Objectives of the Course :

Sr. No.	Aims & Objectives
1.	To introduce students to the role of money in an economy.
2.	To introduce students to the conceptual and theoretical frameworks of inflation, deflation and stagflation, Business Cycle.
3.	To introduce students to the role of monetary and fiscal policies in fulfilling the macroeconomic objectives of stability, full employment and growth.
4.	To introduce students to the various instruments of monetary and fiscal policies.

Expected Course Specific Learning Outcome :

Sr. No.	Learning Outcome
1.	Study the inter-relationship between Macroeconomic aggregates
2.	Analyze the various aggregates of national income, its inter-relationships and the dynamic functioning of an economy
3.	Analyze the Income, Employment and Output determination theories and its relevance in recent times and significance of fiscal policy.
4.	Ability to analyze and demonstrate knowledge of the basic theories/laws in Macroeconomics.
5.	At the end of the course, the student should be able to evaluate macroeconomic concepts, models and its use in real life situations.

➤ **SYLLABUS :**

Unit No.	Contents	No. of Lectures
Unit - 1	MONEY	12
	1.1 Money – Meaning and Functions 1.2 Value of Money – Meaning, Quantity Theory of Money, Cash Balance Approach 1.3 Supply of Money – Various Measures of Money Supply (RBI)	
Unit - 2	INFLATION	14
	2.1 Inflation – Meaning, Types, Causes – Demand Pull and Cost Push Inflation, Effects, Recent trends of inflation in India 2.2 Measures to Control Inflation 2.3 Deflation – Meaning, Causes and Effects 2.4 Philips Curve, Stagflation – Meaning	
Unit - 3	BUSINESS CYCLES	14
	3.1 Meaning, Features and Phases of Business Cycle, Recession Recovery Shapes (V shape curve and W shape curve) 3.2 Causes and Effects of Business Cycle 3.3 Theory of Business Cycle- Keynes, Samuelson, Schumpeter 3.4 Control of Business Cycles – Monetary and Fiscal Controls	
Unit - 4	MACROECONOMIC POLICIES	14
	4.1 Objectives of Macroeconomic Policies 4.2 Monetary Policy - Meaning, Instruments, Advantages and Limitations 4.3 Fiscal Policy - Meaning, Instruments, Advantages and Limitations	

➤ **REFERENCE LIST :**

- 1) Ahuja, H. L. (2016). *Macroeconomics: Theory and policy* (20th ed.). S. Chand & Company Limited.
- 2) Dwivedi, D. N. (2005). *Macroeconomics: Theory and policy*. Tata McGraw-Hill Education.
- 3) Gupta, K. R., & Mandal, R. K. (2017). *Macroeconomics* (latest Edition.). S. Chand Publishing.
- 4) Gupta, S. B. (2011). *Monetary economics (institutions, theory and policy)*. S Chand.
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- 6) Mishra, J. P. (2021). *Business economics*. Sahitya Bhavan Publications.
- 7) Mankiw, N. G. (2019). *Macroeconomics*. Worth.

- 8) Mukherjee, S., Mukherjee, M., & Ghose, A. (latest Edition). *Microeconomics*. PHI Learning Pvt.
- 9) Rudiger Dornbush,, Stanley Fisher, & & Richard Startz. (2018). *Macroeconomics* (12th ed.). Tata McGraw Hill Education Private Limited.
- 10) Samuelson, P. A., & Nordhaus, W. D. (2021). *Economics* (20th ed.). McGraw-Hill Education.



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Syllabus for S.Y.BA Financial System - II

(CBCS – Autonomy 21 Pattern)

Course / Paper Title	CC / SEC 1 B: Financial System - II
Course Code	21ABEC247
Semester	IV
No. of Credits	3

Objectives of the Course

Sr. No.	Objectives
1.	To understand fundamentals of modern financial system.
2.	To understand the recent trends and developments in banking system.
3.	To understand the role of the Reserve Bank of India in Indian financial system.
4.	To provide the knowledge of various financial and non-financial institutions.

Course Specific Learning Outcomes

Sr. No.	Learning Outcome
1.	Critically understand the evolving role of Central Banking and Grasp the conduct of monetary policy
2.	Understand the role and functions of Financial Regulators in India.
4.	Ability to discuss and debate on the changing structures and developments in the International Financial Institutions.
5.	Ability to relate to the on-going changes in the banking and financial system in India.

Syllabus

Unit No.	Contents	No. of Lectures
Unit I	Reserve Bank of India	12
	1. Structure and Role of RBI in Indian Economy 2. Major Functions of RBI 3. Monetary Policy: Tools and their Limitations	
Unit II	Other Financial Regulators in India	14
	1. SEBI: Structure, Role and Functions 2. IRDA: Structure, Role and Functions 3. PFRDA: Structure, Role and Functions	
Unit III	International Financial Institution	14
	1. Role, Structure, Objectives and Functions of IMF 2. Role, Structure, Objectives and Functions of World Bank 3. Role, Structure, Objectives and Functions of Asian Development Bank 4. Role, Structure, Objectives and Functions of BRICS Bank	
Unit IV	Recent Developments in Indian Financial Sector	14
	1. Objectives and Outcomes of Changing Landscape of Banking Sector in India 2. Insolvency and Bankruptcy Code 3. Alternate Source of Finance 4. Risk Management in Banking Sector 5. Basel Norms and India 6. Recent trends in Indian Banking Sector	

References :

- 1) Akhan, J. A. (2010). *Non-banking financial companies (NBFCs) in India: Functioning and reforms*. Elsevier.
- 2) Bhole, L. M. (2004). *Financial institutions and markets: Structure, growth and Innovations, 4e*. Tata McGraw-Hill Education.
- 3) Chawla, A. S., Uppal, K. K., & Malhotra, K. (1988). *Indian banking towards 21st century*.
- 4) Khan, M. Y. (2019). *Indian financial system, 11/E*. McGraw-Hill Education.
- 5) Parameswaran, R. (2001). *Indian banking*. S. Chand Publishing.
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- 8) Shah, A., Thomas, S., & Gorham, M. (2008). *Indian financial markets: An insider's guide to how the markets work*. Elsevier.

Important Websites:

1. sebi.gov.in
2. irdai.gov.in
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SYBA ECONOMICS (2022 – 2023)

(CBCS – Autonomy 21 Pattern)

Course / Paper Title	SEC-2B : Basic Concept Of Research Methodology - II
Course Code	21ABEC24EC
Semester	IV
No. of Credits	2

➤ **Aims & Objectives of the Course :**

Sr. No.	Aims & Objectives
1.	To enable an understanding of Research and its methods under various areas of Economics.
2.	To demonstrate the practical and the applied aspects of research in relation to Economics.
3.	To develop the understanding of various sampling methods and techniques.
4.	To identify various sources of information for data collection.

➤ **Expected Course Specific Learning Outcome :**

Sr. No.	Learning Outcome
1.	Demonstrate his/her understanding of sampling methods and the ability to use collection of data
2.	Identify the appropriate sample techniques for different kinds of research questions
3.	Identify the appropriate source of data in relation to the collection of research data
4.	Able to classify and present the collected data in the form of graph, bar diagram, chart etc

➤ SYLLABUS :

Unit No.	Contents	No. of Lectures
Unit - 1	DATA ANALYSIS	10
	1.1 Meaning and Definition of Data Analysis 1.2 Nature And Importance 1.3 Graphs & Tabulations 1.4 Significance of Research – Quantitative and Qualitative	
Unit - 2	MEASURES OF CENTRAL TENDENCIES	10
	2.1 Definition and calculation of Mean, Median and Mode 2.2 Meaning of Dispersion-Range, Median Deviation, Quartile Deviation, Standard Deviation - Definition and basic calculation 2.3 Concepts : <ul style="list-style-type: none"> i. Frequency Distribution ii. Cumulative Frequency iii. Class Boundaries iv. Midpoint v. Class Width vi. Percentages 	
Unit - 3	RESEARCH REPORT	16
	3.1 Meanings And Objective of Research Report 3.2 Concepts Of Case Study 3.3 Characteristics of Good Research Report Writing 3.4 Objective of Research Report 3.5 Types Of Research Report 3.6 Steps of Research Process 3.7 Types of Hypothesis Testing 3.8 Concepts of <ul style="list-style-type: none"> i. Appendices ii. Review Of Literature iii. Bibliography And References iv. Recommendation v. Hypothesis Testing 	
	SKILL DEVELOPMENT ACTIVITIES	
	Continuous Assessment - (C. A.) : To complete any Three Skill Development Activities from the prescribed syllabus, each activity for 05 marks (15 Marks)	

➤ **RECOMMENDED BOOKS :**

- 1) Arora, P. (2007). Comprehensive statistical methods. S. Chand Publishing.
- 2) Bethlehem, J. (2009). Applied survey methods: A statistical perspective. John Wiley & Sons.
- 3) Cochran, W. G. (2007). Sampling techniques (3rd ed.). John Wiley & Sons.
- 4) Gupta, S. P. (1976). Statistical methods. Sultan Chand and sons.
- 5) Karmel, P., & Polasek, M. (2006). Applied statistics for economists. Pitman.
- 6) Kothari, C. R. (2004). Research methodology: Methods and techniques. New Age International.
- 7) Kumar, R. (2010). Research methodology: A step-by-step guide for beginners. SAGE.
- 8) PANNEERSELVAM, R. (2014). Research methodology. PHI Learning.
- 9) Spiegel. (2003). Theory and problems of probability and statistics (Schaum S outline series). Tata McGraw-Hill Education.