

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's
New Arts, Commerce and Science College, Ahmednagar
(Autonomous)

(Affiliated to Savitribai Phule Pune University, Pune)



Choice Based Credit System (CBCS)

Bachelor of Arts (B. A.)

Syllabus of
S.Y.B.A. Economics

Implemented from
Academic Year 2022 - 23

**Ahmednagar Jilha Maratha Vidya Prasarak Samaj's
New Arts, Commerce and Science College, Ahmednagar
(Autonomous)**

Board of Studies in Economics

Sr. No.	Name	Designation
1.	Dr. Undre B. D.	Chairman
2.	Dr. Thakur B. P.	Member
3.	Dr. Waghmare S. M.	Member
4.	Dr. Kakade V. B.	Academic Council Nominee
5.	Dr. Deshmukh P.V.	Academic Council Nominee
6.	Dr. Rasal R. G.	Vice-Chancellors Nominee
7.	Dr. Kale S. B.	Alumni
8.	Mr. Pargaonkar Arvind	Industry Expert

3. Programme Structure and Course Titles: (All academic years)

Sr. No.	Class	Semester	Course Code	Course Title	Credits
1.	F.Y.B.A.	I	BA-ECO 101 T	Indian Economic Environment- I	3
2.	F.Y.B.A.	II	BA-ECO 201 T	Indian Economic Environment- II	3
3.	S.Y.B.A.	III	BA-ECO 301 T	Micro Economics- I	3
4.	S.Y.B.A.	III	BA-ECO 302 T	Macro Economics- I	3
5.	S.Y.B.A.	III	BA-ECO 303 T	Financial System in India- I	3
6.	S.Y.B.A.	III	BA-ECO 304 T	Basic Concepts of Research Methodology- I	2
7.	S.Y.B.A.	IV	BA-ECO 401 T	Micro Economics- II	3
8.	S.Y.B.A.	IV	BA-ECO 402 T	Macro Economics- II	3
9.	S.Y.B.A.	IV	BA-ECO 403 T	Financial System in India- II	3
10.	S.Y.B.A.	IV	BA-ECO 404 T	Basic Concepts of Research Methodology- II	2
11.	T.Y.B.A.	V	BA-ECO 501 T	Indian Economic Development- I	3
12.	T.Y.B.A.	V	BA-ECO 502 T	International Economics- I	3
13.	T.Y.B.A.	V	BA-ECO 503 T	Public Finance- I	3
14.	T.Y.B.A.	V	BA-ECO 504 T	Business Management- I	3
15.	T.Y.B.A.	V	BA-ECO 505 T	History of Economic Thought - I	2
16.	T.Y.B.A.	VI	BA-ECO 601 T	Indian Economic Development- II	3
17.	T.Y.B.A.	VI	BA-ECO 602 T	International Economics-II	3
18.	T.Y.B.A.	VI	BA-ECO 603 T	Public Finance- II	3
19.	T.Y.B.A.	VI	BA-ECO 604 P	Business Management- II (Project Report)	3
20.	T.Y.B.A.	VI	BA-ECO 605 T	History of Economic Thought - II	2
	Total	06	20		58

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Semester – III	Paper – I
Course Code: BA-ECO 301 T	Title of the Course: Micro Economics- I
Credits: 3	Total Lectures: 45 Hrs.

Course Outcomes (COs):

- a. To develop an understanding about subject matter of Economics.
- b. To develop an understanding of basic theories of micro economics and their application.
- c. To demonstrate that the theories discussed in class will usually be applied to real-life Situations.
- d. To analyse and interpret charts, graphs and figures.
- f. To help the students to prepare for varied competitive examinations.

Detailed Syllabus:

Unit 1: Introduction	10
1.1 Meaning, Nature, Scope and Importance of Micro Economics	
1.2 Basic Economic Problems	
1.3 Tools of economic analysis- Concept of Functional Relationship, Schedules, Graphs and Equations	
1.4 Concept of Variables- Dependent and Independent Variable, Endogenous and Exogenous	
Unit 2: Theory of Consumer Behavior	08
2.1 Utility – Meaning and Types	
2.2 Cardinal Approach: Law of Diminishing Marginal Utility, Law of Equi- Marginal Utility, Consumer's Equilibrium	
2.3 Ordinal Approach: Indifference Curve Analysis- Meaning, Definition and Characteristics, Consumer's Equilibrium	
Unit 3: Theory of Demand	12
3.1 Meaning, Definition and Determinants of Demand	
3.2 The Law of Demand and Its Exceptions, Concept of Market Demand	
3.3 Elasticity of Demand –Meaning , Types and Application of Elasticity of Demand	
3.3.1 Price Elasticity of Demand: Meaning and Types	

3.3.2 Income Elasticity of Demand: Meaning and Types

3.3.3 Cross Elasticity of Demand: Meaning and Types

Unit 4: Supply and Production Analysis

15

4.1 Meaning, Definition and Determinants of Supply

4.2 The Law of Supply

4.3 Elasticity of Supply: Meaning and Types

4.4 The Production Function: Meaning and Definition

4.5 Concept of Total, Average and Marginal Production

4.6 The Law of Variable Proportions

4.7 The Law of Returns to Scale

Suggested Readings:

1. Mansfield, E., Microeconomics, W.W. Norton and Company, New York.
2. Koutsoyiannis, A., Modern microeconomics, Macmillan, London.
3. Lipsey & Cristal, Introduction to Positive Economics, Oxford Press.
4. Jack Hirshlifer, Price Theory and Applications, Prentice Hall of India Pvt.Ltd. Delhi
5. Ahuja H.L. : Modern Micro Economics, S. Chand & Company Ltd New Delhi
6. Jhingan M.L., Micro Economic Theory, Virinda Publication, Delhi.
7. K.K. Dewett, Modern Economics Theory, S. Chand Publications, New Delhi.
8. KPM Sundaram and E.N.Sundaram, Micro Economics, S.Chand Publication, New Delhi.
9. Seth M.L. : Micro Economics, Lakshmi NarainAgrawal Publisher

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Semester – III	Paper – II
Course Code: BA-ECO 302 T	Title of the Course: Macro Economics- I
Credits: 3	Total Lectures: 45 Hrs.

Course Outcomes (COs):

- a. To introduce students to the historical background of the emergence of macroeconomics.
- b. To familiarize students with the differences between microeconomics and macroeconomics.
- c. To familiarize students with various concepts of national income.
- d. To familiarize students with Keynesian macroeconomic theoretical framework of consumption and investment functions.
- f. To help the students to prepare for varied competitive examinations.

Detailed Syllabus:

Unit 1: Introduction	08
1.1 Meaning, Nature and Scope of Macro Economics	
1.2 Importance and Limitations of Macro Economics	
1.3 Difference between Micro Economics and Macro Economics	
Unit 2: National Income	12
2.1 Meaning and Importance of National Income	
2.2 Various Concepts of National Income – GDP, GNP, NNP, PCI, Personal Income, Disposable Income	
2.3 Methods of National Income Measurement, Difficulties in the Measurement of National Income	
2.4 Circular Flow of National Income - Two Sector Model	
Unit 3: Theory of Employment and Output	15
3.1 Classical Theory of Employment, Say's Law of Market	
3.2 Keynes' Criticism on Classical Theory	
3.3 Keynesian Theory of Employment – Aggregate Supply Function and Aggregate Demand Function, Effective Demand, Employment Determination	

Unit 4: Consumption and Investment**10**

- 4.1** Consumption Function – Meaning, Concepts of APC and MPC, Keynes’s Psychological Law of Consumption, Factors Influencing Consumption Function
- 4.2** Saving - Concept of APS and MPS, Investment – Meaning, Types, Concept of Marginal Efficiency of Capital, Factors Influencing Marginal Efficiency of Capital
- 4.3** Concept of Multiplier and Principle of Acceleration

Suggested Readings:

1. David Colander, Macro Economics, McGraw Hill Education Private Limited (Latest Edition)
2. D. N. Dwivedi, Macro Economics: Theory and Policy, McGraw Hill Education Private Limited (Latest Edition)
3. H. L. Ahuja, Macro Economics: Theory and Policy, S. Chand & Company Limited. (Latest Edition)
4. M. L. Jhingan, Macro Economic Theory, Vrinda Publications Private Limited (Latest Edition)
5. Wavare Anil Kumar & V. Kumbhar, (2019) Macro Economics, Ruby Publisher, Kolhapur, MS, India.
6. N. Gregory Mankiw, Principles of Macroeconomics, Cengage Learning (Latest Edition)
7. Olivier Blanchard & David Johnson, Macroeconomics, Pearson (Latest Edition)
8. Rudiger Dornbusch, Stanley Fischer & Richard Startz, Macroeconomics, Tata McGraw Hill Education Private Limited (Latest Edition)
9. Sampat Mukherjee, Macroeconomics: A Global Text, New Central Book Agency Private Limited (Latest Edition)
10. Stephen Williamson, Macroeconomics, Pearson (Latest Edition)
11. Kute Santosh & Rithe M., Macro Economics, Prashant Publication, Jalgaon, MS, India

Advanced Reading List:

1. Ben Fine & Ourania Dimakou, Macroeconomics: A Critical Companion, Pluto Press (Latest Edition)
2. Brian Snowdon & Howard Vane (2003), The Development of Modern Macroeconomics: A Rough Guide, in Macroeconomics: A Reader, (Ed.) Brian Snowdon and Howard Vane, Routledge

3. Brian Snowdon & Howard Vane, *Macroeconomics: A Reader*, Routledge (Latest Edition)
4. Brian Snowdon & Howard Vane, *Modern Macroeconomics: Its Origins, Developments and Current State*, Edward Elgar (Latest Edition)
5. David Romer, *Advanced Macroeconomics*, McGraw-Hill (Latest Edition)
6. Dilip Nachane, *Critique of the New Consensus Macroeconomics and Implications for India*, Springer (Latest Edition)
7. John McDonald, *Rethinking Macroeconomics: An Introduction*, Routledge (Latest Edition)
8. Michel De Vroey, *A History of Macroeconomics: From Keynes to Lucas and Beyond*, Cambridge University Press (Latest Edition)
9. N. Gregory Mankiw, *Macroeconomics*, Worth Publishers (Latest Edition)
10. Roger Backhouse, *Interpreting Macroeconomics: Explorations in the History of Macroeconomic Thought*, Routledge (Latest Edition)
11. Sampat Mukherjee, *Analytical Macroeconomics: From Keynes to Mankiw*, New Central Book Agency Private Limited

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Semester – III	Paper – III
Course Code: BA-ECO 303 T	Title of the Course: Financial System in India- I
Credits: 3	Total Lectures: 45 Hrs.

Course Outcomes (COs):

- a. To understand fundamentals of modern financial system.
- b. To understand the recent trends and developments in banking system.
- c. To understand the role of the Reserve Bank of India in Indian financial system.
- d. To provide the knowledge of various financial and non-financial institutions.

Detailed Syllabus:

Unit 1: Indian Financial System	10
1.1 Introduction: Meaning, Nature, Role and Importance of Indian Financial System	
1.2 Structure of Indian Financial System	
1.3 Characteristics of Indian Financial System	
1.4 New Trends in Indian Financial System	
Unit 2: Banking in India	08
2.1 Commercial Banks (Public Sector Banks, Private Sector Banks, Foreign Banks): Management, Organization and Functions	
2.2 Credit Creation Process and Limitations of Commercial Bank	
2.3 Regional Rural Banks and Co-operative Banks: Evolution, Management and Organization, Loan Management: Functions, Problems and Measures to solve the problem	
Unit 3: Financial Markets in India	15
3.1 Classification of Financial Market	
3.2 Indian Money Market: Features, Functions and Instruments	
3.3 Indian Capital Market: Features, Functions and Instruments	
3.4 Foreign Exchange Market: Role and Importance	
Unit 4: Important Financial Institutions of India	12
4.1 Meaning and Importance of Financial Institutions	

- 4.2 Stock Markets: NSE and BSE: Meaning and Functions
- 4.3 Non-Banking Financial Intermediaries: Meaning and Functions
- 4.4 Role and Functions of Financial Institutions in India with reference to UTI, LIC and GIC, Mutual Funds

Suggested Readings:

1. The Indian Financial System, Markets, Institutions and Services, Bharati V. Pathak, Kindle Edition.
2. Indian Financial System, Jaydeb Sarkhel, Seikh Salim, McGraw-Hill India Pvt. Ltd. Chennai, 2018.
3. Indian Banking, R. Parmehwaram & S. Natrajan, S. Chand Publishing, Delhi.
4. Non-Banking Financial Companies in India: Functioning & Reforms, Jafor Ali Akhan, New Century Publications, 2010
5. Indian Financial Markets, Ajay Shah, Michael Gorham and Susan Thomas, Elsevier, 2008.
6. The Story of the Reserve Bank of India, Rahul Bajoria, Kindle Editon.

Advanced Reading List:

1. Securities Market and Products: Mr. Sunder Sankaran, Taxman Publication Pvt. Ltd New Delhi.
2. Financial System & Economic Reforms: P. Mohan Rao, Deep & Deep Publication Pvt. Ltd. New Delhi 2008.
3. Indian Banking Towards 21st Century: Chawla A.S. & others, Deep & Deep Publications, New Delhi.
4. Black Money & Indian Economy: Bhadane J R, International Publications, 2018.
5. Financial Institutions and Markets: Jitendra Mahakund and L.M. Bhole, McGraw Hill India, 2017.

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Semester – III	Paper – IV
Course Code: BA-ECO 304 T	Title of the Course: Basic Concepts of Research Methodology- I
Credits: 2	Total Lectures: 30 Hrs.

Course Outcomes (COs):

- a. To develop the understanding of the basic concept of research.
- b. To develop the understanding of the basic framework of sampling and data collection.
- c. To develop the understanding of the of various sampling methods and techniques.
- d. To identify various sources of information for data collection.
- f. To develop the understanding of the conducting survey on various issues.

Detailed Syllabus:

Unit 1: Introduction of Research	10
1.1 Meaning and Definition of Research	
1.2 Types of Research	
1.2.1 Basic or Pure or Fundamental Research	
1.2.2 Applied Research	
1.2.3 Action Research	
1.3 Importance of Economics Research	
Unit 2: Research Design	12
2.1 Meaning of Research Design	
2.2 Need of Research Design	
2.3 Types of Research Design and Stages of Research Design	
2.3.1 Exploratory Design	
2.3.2 Descriptive Design	
2.3.3 Experimental Design	
2.4 Concepts of Hypothesis and Importance	

Unit 3: Data Collection**08**

- 3.1 Meanings and Definition of Data Collection
- 3.2 Sources of Data : Primary Data and Secondary Data

Suggested Readings:

1. P.H. Karmel and M. Polasek (1978), Applied Statistics for Economists, 4th edition, Pitman.
2. M.R. Spiegel (2003), Theory and Problems of Probability and Statistics (Schaum Series).
3. Cochran, William, G. (2008), Sampling Techniques, Third Edition, Wiley- India, ISBN 978 -81-265-1524-0. Reprint: 2008.
4. Bethlehem, J. (2009), Applied Survey Methods: A Statistical Perspective, Wiley.
5. Khandare V.B. and S.Yadav (2015) ,Statistical Methods,Chinmay Publication,Aurangabad.
6. Uwe Flick (2012), Introducing Research Methodology: A Beginner's Guide to Doing a Research Project, Sage Publications.
7. S.P.Gupta (2012), Statistical Methods, 42nd edition, Sultan chand and sons.
8. Ranjit Kumar (2014), Research Methodology: A Step-by-Step Guide for Beginners, 4th Edition, Sage Publications.

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Semester – IV	Paper – I
Course Code: BA-ECO 401 T	Title of the Course: Micro Economics-II
Credits: 3	Total Lectures: 45 Hrs.

Course Outcomes (COs):

- a. To impart knowledge of microeconomics.
- b. To clarify micro economic concepts.
- c. To analyze Concept of Cost and Revenue.
- d. To analyze Market Structure and Welfare Economics.
- f. To help the students to prepare for varied competitive and banking examinations.

Detailed Syllabus:

Unit 1:	Cost and Revenue Analysis	06
1.1	Concepts of Costs: Fixed Costs, Variable Costs, Total Cost, Average Cost, Marginal Cost, Economic Cost and Accounting Cost, Opportunity Cost	
1.2	Concept of Short Run and Long Run Costs Curves	
1.3	Concept of Revenue: Total Revenue, Average Revenue and Marginal Revenue	
Unit 2:	Market Structure	16
2.1	Meaning and Classifications of Market Structure	
2.2	Perfect Competition: Meaning, Characteristics, Equilibrium of Firm and Industry in Short Run and Long Run	
2.3	Monopoly: Meaning, Characteristics, Short and Long Run Equilibrium, Concept of Price Discrimination	
2.4	Monopolistic Competition: Meaning, Characteristics, Short and Long Run Equilibrium	
2.5	Oligopoly: Meaning, Definition and Characteristics	
Unit 3:	Factor Pricing	15
3.1	Marginal Productivity Theory of Distribution	
3.2	Rent: Ricardian Theory of Rent, Modern Theory of Rent, Concept of Quasi Rent	
3.3	Wages: Modern Theory of Wages, Concept of Supply Curve of Labour	
3.4	Interest: Keynesian Liquidity Preference Theory, Loanable Fund Theory	
3.5	Profit: Risk and Uncertainty Theory of Profit, Innovation Theory of Profit	

Unit 4: Introduction of Welfare Economics**08**

- 4.1 Welfare Economics: Definition and Meaning
- 4.2 Pigovian Welfare Economics
- 4.3 Thought of Amartya Sen on Welfare Economics
- 4.4 Abhijeet Banerjee's Thought on Welfare Economics

Suggested Readings:

1. Mansfield, E., Microeconomics, W.W. Norton and Company, New York.
2. Koutsoyiannis, A., Modern microeconomics, Macmillan, London.
3. Lipsey & Cristal, Introduction to Positive Economics, Oxford Press.
4. Jack Hirshlifer, Price Theory and Applications, Prentice Hall of India Pvt. Ltd. Delhi
5. Ahuja H.L.: Modern Micro Economics, S. Chand & Company Ltd New Delhi
6. Jhingan M.L., Micro Economic Theory, Virinda Publication, Delhi.
7. K.K. Dewett, Modern Economics Theory, S. Chand Publications, New Delhi.
8. KPM Sundaram and E. N. Sundaram, Micro Economics, S. Chand Publication, New Delhi.
9. Seth M.L.: Micro Economics, Lakshmi Narain Agrawal Publisher

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Semester – IV	Paper – II
Course Code: BA-ECO 402 T	Title of the Course: Macro Economics- II
Credits: 3	Total Lectures: 45 Hrs.

Course Outcomes (COs):

- a. To introduce students to the role of money in an economy.
- b. To introduce students to the conceptual and theoretical frameworks of inflation, deflation and stagflation, Business Cycle.
- c. To familiarize students with the conceptual and theoretical framework of business cycles.
- d. To introduce students to the role of monetary and fiscal policies in fulfilling the macroeconomic objectives of stability, full employment and growth.
- f. To introduce students to the various instruments of monetary and fiscal policies.

Detailed Syllabus:

Unit 1: Money	10
1.1 Money – Meaning, Types and Functions	
1.2 Demand for Money – Meaning, Quantity Theory of Money, Cash Balance Approach	
1.3 Supply for Money – Various Measures of RBI	
Unit 2: Inflation	12
2.1 Inflation – Meaning, Types and Causes, Concept of Demand Pull and Cost Push Inflation and It's Effects	
2.2 Different Measures to Control Inflation	
2.3 Deflation – Meaning, Causes and Effects	
2.4 Philips Curve, Stagflation – Meaning and Definition	
Unit 3: Business Cycles	13
3.1 Meaning, Features and Phases of Business Cycle	
3.2 Causes and Effects of Business Cycle	
3.3 Keynes' Theory of Business Cycle	
3.4 Control of Business Cycles – Monetary and Fiscal Controls	

Unit 4: Macroeconomic Policies**10**

- 4.1 Objectives of Macroeconomic Policies
- 4.2 Monetary Policy – Meaning, Role and Instruments
- 4.3 Fiscal Policy – Meaning, Role and Instruments

Suggested Readings:

1. David Colander, Macro Economics, McGraw Hill Education Private Limited (Latest Edition)
2. D. N. Dwivedi, Macro Economics: Theory and Policy, McGraw Hill Education Private Limited (Latest Edition)
3. H. L. Ahuja, Macro Economics: Theory and Policy, S. Chand & Company Limited. (Latest Edition)
4. M. L. Jhingan, Macro Economic Theory, Vrinda Publications Private Limited (Latest Edition)
5. Wavare Anil Kumar & V.Kumbhar ,(2019)Macro Economics,Ruby Publisher, Kolhapur, MS, India.
6. N. Gregory Mankiw, Principles of Macroeconomics, Cengage Learning (Latest Edition)
7. Olivier Blanchard & David Johnson, Macroeconomics, Pearson (Latest Edition)
8. Rudiger Dornbusch, Stanley Fischer & Richard Startz, Macroeconomics, Tata McGraw Hill Education Private Limited (Latest Edition)
9. Sampat Mukherjee, Macroeconomics: A Global Text, New Central Book Agency Private Limited (Latest Edition)
10. Stephen Williamson, Macroeconomics, Pearson (Latest Edition)
11. Kute Santosh & Rithe M., Macro Economics, Prashant Publication, Jalgaon, MS, India

Advanced Reading List:

1. Ben Fine & Ourania Dimakou, Macroeconomics: A Critical Companion, Pluto Press (Latest Edition)
2. Brian Snowdon & Howard Vane (2003), The Development of Modern Macroeconomics: A Rough Guide, in Macroeconomics: A Reader, (Ed.) Brian Snowdon and Howard Vane, Routledge
3. Brian Snowdon& Howard Vane, Macroeconomics: A Reader, Routledge (Latest Edition)

4. Brian Snowdon & Howard Vane, *Modern Macroeconomics: Its Origins, Developments and Current State*, Edward Elgar (Latest Edition)
4. David Romer, *Advanced Macroeconomics*, McGraw-Hill (Latest Edition)
5. Dilip Nachane, *Critique of the New Consensus Macroeconomics and Implications for India*, Springer (Latest Edition)
6. John McDonald, *Rethinking Macroeconomics: An Introduction*, Routledge (Latest Edition)
7. Michel De Vroey, *A History of Macroeconomics: From Keynes to Lucas and Beyond*, Cambridge University Press (Latest Edition)
8. N. Gregory Mankiw, *Macroeconomics*, Worth Publishers (Latest Edition)
9. Roger Backhouse, *Interpreting Macroeconomics: Explorations in the History of Macroeconomic Thought*, Routledge (Latest Edition)
10. Sampat Mukherjee, *Analytical Macroeconomics: From Keynes to Mankiw*, New Central Book Agency Private Limited

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Semester – IV	Paper – III
Course Code: BA-ECO 403 T	Title of the Course: Financial System in India- II
Credits: 3	Total Lectures: 45 Hrs.

Course Outcomes (COs):

- a. To understand the role of the Reserve Bank of India in Indian financial system.
- b. To provide the knowledge of various financial and non-financial institutions.
- c. To provide the students the intricacies of Indian financial system for better Financial decision making.
- d. To analyze International Financial Institution.
- f. To help the students to prepare for varied competitive and banking examinations.

Detailed Syllabus:

Unit 1: Reserve Bank of India	10
1.1 Structure and Role of RBI in Indian Economy	
1.2 Major Functions of RBI	
1.3 Monetary Policy: Tools and their Limitations	
Unit 2: Other Financial Regulators in India	08
2.1 SEBI: Role and Functions	
2.2 IRDA: Role and Functions	
Unit 3: International Financial Institution	15
3.1 Role, Structure, Objectives and Functions of IMF	
3.2 Role, Structure, Objectives and Functions of World Bank	
3.3 Role, Structure, Objectives and Functions of Asian Development Bank	
3.4 Role, Structure, Objectives and Functions of BRICS Bank	
Unit 4: Recent Developments in Indian Financial Sector	12
4.1 Objectives and Outcomes of Changing Landscape of Banking Sector in India	
4.2 Concept of Insolvency and Bankruptcy Code	
4.3 Digital banking	
4.4 Alternative Source of Finance	

4.5 Risk Management on Banking Sector

Suggested Readings:

1. The Indian Financial System, Markets, Institutions and Services, Bharati V.Pathak, Kindle Edition.
2. Indian Financial System, Jaydeb Sarkhel, Seikh Salim, McGraw-Hill India Pvt. Ltd. Chennai, 2018.
3. Indian Banking, R. Parmehwaram & S. Natrajan, S. Chand Publishing, Delhi.
4. Non-Banking Financial Companies in India: Functioning & Reforms, Jafor Ali Akhan, New Century Publications, 2010
5. Indian Financial Markets, Ajay Shah, Michael Gorham and Susan Thomas, Elsevier, 2008.
6. The Story of the Reserve Bank of India, Rahul Bajoria, Kindle Editon.

Advanced Reading List:

1. Securities Market and Products: Mr. Sunder Sankaran, Taxman Publication Pvt. Ltd New Delhi.
2. Financial System & Economic Reforms: P. Mohan Rao, Deep & Deep Publication Pvt. Ltd. New Delhi 2008.
3. Indian Banking Towards 21st Century: Chawla A.S. & others, Deep & Deep Publications, New Delhi.
4. Black Money & Indian Economy: Bhadane J R, International Publications, 2018.
5. Financial Institutions and Markets: Jitendra Mahakund and L.M. Bhole, McGraw Hill India, 2017.

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Semester – IV	Paper – IV
Course Code: BA-ECO 404 T	Title of the Course: Basic Concepts of Research Methodology- II
Credits: 2	Total Lectures: 30 Hrs.

Course Outcomes (COs):

- a. Demonstrate his/her understanding of sampling methods and the ability to use collection of data.
- b. Identify the appropriate sample techniques for different kinds of research questions.
- c. Identify the appropriate source of data in relation to the collection of research data.
- d. Able to classify and present the collected data in the form of graph, bar diagram, chart etc.

Detailed Syllabus:

Unit 1: Data Analysis	10
1.1 Meaning and Definition of Data Analysis	
1.2 Nature and Importance of Data Analysis	
1.3 Tabulation	
1.4 Concepts of: 1) Frequency Distribution 2) Cumulative Frequency 3) Class Boundaries 4) Midpoint 5) Class Width	
1.5 Graphs and Figures	
Unit 2: Measures of Central Tendencies	10
2.1 Definition of Mean, Median and Mode	
2.2 Meaning of Dispersion, Concept and Definition - Range, Mean Deviation, Quartile Deviation, Standard Deviation, Coefficient of Deviation	
2.3 Concept of Percentages	
Unit 3: Research Report	10
3.1 Meanings and Objective of Research Report	
3.2 Concepts of Case Study	
3.3 Characteristics of Good Research Report Writing and Ideal Research	
3.4 Objective of Research Report	
3.5 Types of Research Report	
3.6 Concepts of 1) Appendices 2) Review of Literature 3) Bibliography and References 4) Hypothesis Testing 5) Recommendation	

Suggested Readings:

1. P.H. Karmel and M. Polasek (1978), Applied Statistics for Economists, 4th edition, Pitman.
2. M.R. Spiegel (2003), Theory and Problems of Probability and Statistics (Schaum Series).
3. Cochran, William, G. (2008), Sampling Techniques, Third Edition, Wiley- India, ISBN 978 -81-265-1524-0. Reprint: 2008.
4. Bethlehem, J. (2009), Applied Survey Methods: A Statistical Perspective, Wiley.
5. Khandare V.B. and S.Yadav (2015) ,Statistical Methods,Chinmay Publication,Aurangabad.
6. Uwe Flick (2012), Introducing Research Methodology: A Beginner's Guide to Doing a Research Project, Sage Publications.
7. S.P.Gupta (2012), Statistical Methods, 42nd edition, Sultan chand and sons.
8. Ranjit Kumar (2014), Research Methodology: A Step-by-Step Guide for Beginners, 4 The Edition, Sage Publications.