

# **SOPHIA COLLEGE (AUTONOMOUS)**

DEPARTMENT OF ECONOMICS

SYBA SYLLABUS

SYBA PAPER II

SYBA PAPER III

SYBA :APPLIED COMPONENT

**SOPHIA COLLEGE (AUTONOMOUS)**

**SYBA ECONOMICS PAPER- II**

**COURSE STRUCTURE FOR SEMESTER III & IV**

**(APPLICABLE FROM ACADEMIC YEAR 2019-2020)**

## **PREAMBLE:**

The Board of Studies in Economics, Sophia College for Women (Autonomous) has finalized the syllabi of papers at the SYBA which will be made effective from the Academic Year 2019-20. The syllabus of SYBA Economics Paper II for Semester III offered to the students of Sophia College has been enlisted below.

## **Allotment of Lectures:**

The allotment of lectures is as per the common guidelines stipulated by the Academic Council for Humanities of University of Mumbai.

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**SYLLABUS FOR S.Y.B.A. ECONOMICS SEMESTER III**

**ECONOMICS PAPER – II**

# **MICROECONOMICS**

**Subject Code – SBAECO301**

## **Course Objectives:**

1. To develop the student's understanding of basic working of microeconomic units.
2. To understand the market structures existing in the economy.
3. To help the student apply microeconomics to the real world.

## **Course Outcomes:**

1. Understand the consumers behavior in the product market.
2. Understand the different market structures and identify them in the real world.
3. Understand the working of the factor market.

## **Module 1: Consumer theory**

Concepts of utility, theory of equi-marginal utility and consumers equilibrium, Indifference curve approach, Utility maximization and consumer's equilibrium, income effect, price effect, substitution effect, consumers surplus, Revealed preference theory.

## **Module –II: Market Structure's**

Perfect Competition, Monopoly, Oligopoly, Price Discrimination and Cartels.

## **Module –III: Factor Markets:**

Theory of Rent, Marginal productivity theory of Labour, Theory of Profit and Interest

## **References:**

1. Ahuja H.L. Principles of Microeconomics, 2016.
2. Lipsey & Chrystal, Economics, 13<sup>th</sup> edition.
3. Mankiw N. Gregory, Principles of Macroeconomics, 2015.
4. Mansfield Edwin, Microeconomics: theory/ application.
5. McConnell Campbell, Microeconomics: Principles, Problems &

Policies.

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**SYLLABUS FOR S.Y.B.A. ECONOMICS SEMESTER IV**

**ECONOMICS PAPER – II**

**MACROECONOMICS**

**Subject Code – SBAECO401**

**Course Objective:**

1. To familiarize the students with the basic concepts of Macroeconomics & its application.
2. The syllabus aims to acquaint the students with the working of the macroeconomic system & the recent changes that have taken place.
3. Examine the working of the fiscal system.

**Course Outcome:**

1. Increased awareness about the macroeconomy.
2. Students will be able to understand the practical aspects of the banking sector.
3. Students will understand the role of government and various instruments of fiscal policy.

**Module 1: Money**

Concept of money- Supply of money- CRR, CDR - High powered money- Money multiplier  
current measures of money supply in India –velocity of circulation-Quantity theory of money  
Friedman’s equation and Cambridge equations.

**Module 2: Financial Sector**

Central Banking- Commercial Banking- Monetary Policy.

**Module 3: Government Sector**

Public Goods- Merit Goods- Fiscal policy- instruments- Public Revenue- Tax and Non-Tax

revenue - Direct & Indirect tax, GST- Public Expenditure, Public Debt- types, Internal & External debt- Subsidies.

**References:**

1. Gupta S.B., Monetary Economics, S.Chand & Company Ltd, Delhi.
2. Bhole L.M. Financial Institutions & Markets, Tata McGraw – Hill Publication, New Delhi.
3. Musgrave R A & P B Musgrave, Public Finance in theory & Practice, New York McGraw – Hill International Edition.
4. T. N. Hajela, Public Finance, Ane Books pvt. ltd.
5. Dalton Hugh, Principles of Public Finance, Allied Publishers, New Delhi. 6. Reserve Bank of India (various issues) Report on Currency & Finance, RBI, Mumbai. 7. [www.rbi.org](http://www.rbi.org)

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**SOPHIA COLLEGE (AUTONOMOUS)**

**SYBA ECONOMICS – PAPER III**

**COURSE STRUCTURE FOR SEMESTER III & IV  
(APPLICABLE FROM ACADEMIC YEAR 2019- 2020)**

The Board of Studies in Economics, Sophia College for Women (Autonomous) has finalized the syllabus of Economics Paper III at the SYBA for Semester III which will be made effective from the Academic Year 2019-20. In Semester III, students will study contemporary economic issues with respect to the Indian economy in the context of the Economic Survey of the Government of India.

**SYLLABUS FOR S.Y.B.A. ECONOMICS SEMESTER III**

**ECONOMICS PAPER – III**

# INDIAN ECONOMY: THE CONTEMPORARY CONCERNS

Course Code – SBAECO302

## Course Objectives:

1. To familiarise students with the contemporary policy issues related to the Indian Economy.
1. To create awareness about the importance of federal finance management/fiscal discipline.
2. To acquaint students with the development parameters for the Indian Economy.

## Course Outcomes:

1. Students will be able to comprehend the district/state/national level data represented in the form of a graph/diagram.
2. Students will be able to analyze pros & cons associated with the proposed / existing government schemes.
3. Students will be able to understand the mechanism of constructing the various types of development indicators.

## Syllabus:

### **Module 1: Overview of the Indian Economy and the concept of UBI**

Ten New Facts on the Indian Economy – The Conceptual/Philosophical case for UBI and case against UBI - Arguments in Favor and Against UBI - How can UBI overcome the issues of misallocation and leakages of resources? - Can UBI improve financial inclusion? - Will UBI lead to moral hazard and reduce labor supply? - What are the guiding principles for setting up UBI? - What are the prerequisites for introducing UBI? - Is there fiscal space to finance UBI?

**Module 2: Fiscal Framework: The World is Changing, Should India Change Too?** Fiscal Responsibility and Budget Management (FRBM) Act - Why is there a need for countercyclical fiscal policy in India? - Debt dynamics with the help of an equation for debt sustainability. Fiscal Rules: Lessons from the States. Fiscal Responsibility Legislation (FRL) - Impact of FRL on Budget process - Impact of FRL on Deficits - Lessons for future fiscal rules - Review of Fiscal developments.

**Module 3: Income, Health and Fertility Convergence, Social Infrastructure, Employment and Human Development**

Income convergence/divergence within India - Consumption convergence/divergence within India - Health Convergence within India with room for improvement against International standard - Total Fertility rate convergence (India and World) - Interpreting Graphs/Data regarding Income/Life Expectancy/ Infant mortality rate/Total fertility rate (For All Indian States) Trends in Social Services Expenditure by General Government (Centre and States) - Progress in Labor Reforms- Gender gap in Labor Force Participation Rate and Earnings: Global Comparison – Political Empowerment of Women.

**References**

1. Economic Survey 2016-17 published by Government of India, Ministry of Finance, Department of Economic Affairs, January 2017. Chapter 5, 6, 9 & 10.
2. Economic Survey 2017-18, Volume 1, Preface, Chapter 1, published by Government of India, Ministry of Finance Department of Economic Affairs Economic Division, January, 2018.
3. Economic Survey 2017-18, Volume 2, Chapter 1, 2&10, published by Government of India, Ministry of Finance Department of Economic Affairs Economic Division, January, 2018.

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## **SYLLABUS FOR S.Y.B.A. ECONOMICS SEMESTER IV**

### **ECONOMICS PAPER – III**

#### **DEVELOPMENT ISSUES OF MAHARASHTRA'S ECONOMY**

**Course Code SBAECO402**

#### **Course Objectives:**

1. To enable students to read & comprehend policy documents such as government reports, economic survey, budget etc.
2. To help students understand the developmental disparity in the regional economies of the Indian States.
3. To sensitize students about the developmental aspirations of the marginalized communities/ regions such as the tribals/Vidarbha, Marathwada regions of Maharashtra.
4. To sensitize students about the water crisis in Maharashtra with emphasis on the effective management of water resources.

#### **Course Outcomes:**

1. Students will be able to identify the Vidarbha, Marathwada & Rest of Maharashtra regions on the district map of Maharashtra.
2. Students will know the differences in the historical, social & economic backgrounds of the three regions of Maharashtra.
3. Students will be able to understand the factors responsible for the relative developmental lag for Vidarbha & Marathwada regions.
4. Students will be able to analyse & compare the development indicators for the tribals & Non tribal communities.
5. Students will understand the severity of water resource exploitation & challenges of

water resource management.

6. Students will know the present status of Maharashtra's health sector.
7. Students will be able to comprehend the measurements of indicators of connectivity.

Syllabus:

**Module 1: Introduction to Maharashtra's economy & Importance of Tribal Areas**

Introduction to Maharashtra's Economy – Backdrop, Demography, Key Indicators of Development, Macroeconomics development of the Regions, Paradigm Shift. Present Status of tribal communities, Comparison with States, PCI, Poverty, Overview of Nutrition, Health & Education, Causes of Deprivation, and Reforms to be undertaken.

**Module 2: Water Resources Management & Effects of Urbanization**

Availability of Water resources, government policy, overview of irrigation development (No division – wise discussion), Water Harvesting- Ground water management. General Overview of Rural & Urban areas water supply, Issues /Challenges of urbanization

**Module 3: Health and Connectivity**

Health: The Kelkar Committee approach to health, Regional disparities, Health Care Systems, Health outcomes, Recommendation and Strategies.

Connectivity – Introduction, General Overview of Roads, Railways, Ports, Airports and Broadband, Resources required for Connectivity.

**References:**

1. Report of the High-Level Committee on Balanced Regional Development Issues in Maharashtra, Planning Department, Government of Maharashtra (2013).
2. Maharashtra Human Development Report 2012: Towards Inclusive Human Development, YASHADA (2014).
3. Economic Survey of Maharashtra 2018-19, Directorate Of Economics And Statistics, Planning Department, Government Of Maharashtra, Mumbai (June 2019).

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**SOPHIA COLLEGE (AUTONOMOUS)**

**SYBA APPLIED COMPONENT PAPER: INVESTMENT ANALYSIS**

**COURSE STRUCTURE FOR SEMESTER III & IV**

**(APPLICABLE FROM ACADEMIC YEAR 2019- 2020)**

**PREAMBLE:**

The Board of Studies in Economics, Sophia College for Women (Autonomous) has finalized the syllabi of papers at the SYBA which will be made effective from the Academic Year 2019-20. The syllabus of SYBA Investment Analysis for Semester III offered to the students of Sophia College has been enlisted below.

**Allotment of Lectures:**

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**SYLLABUS FOR S.Y.B.A. APPLIED COMPONENT PAPER**

**SEMESTER III**

**INVESTMENT ANALYSIS**

**Subject Code: SBAACP302**

**PREAMBLE:** The paper deals with the instruments of investment and their evaluation. It also explores Security markets and their functioning. It is aimed at equipping students with relevant valuation methods in evaluating investment instruments.

**Course Objectives :**

1. To introduce the concept of investment and familiarize students with various investment alternatives.
2. To provide an understanding of the financial market and its regulators.
3. To equip students with the basic skills required to understand the significance of time value of money.

**Course Outcomes:**

1. Students will be able to list down the basic attributes of different investment alternatives.
2. Students will be able to calculate holding period return on an investment.
3. Students will be able to compare and evaluate different investment alternatives.
4. Students will be able to describe how the primary market and secondary market operate.
5. Students will be able to compare the primary market and secondary market.
6. Students will be able to describe the role of SEBI as a regulator of the capital market.
7. Students will be able to calculate future value and present value of a single amount or an annuity.
8. Students will be able to calculate EMI on a loan amount.

**Syllabus**

**Module 1: Overview of Investment Instruments**

Concept of investment – Characteristics of Investment: risk, return, safety, liquidity, marketability, tax shelter

Deposits with bank, post office deposits, company fixed deposits , certificate of deposits , corporate paper, PPF, Equity shares Bonds or debentures, preference shares, Mutual Funds, SIP, futures contract, options, swaps, retirement products, commodities market, gold, real estate

## **Module 2: Security Markets and their Regulation**

Primary Market: Functions, selling mechanism. Secondary Market: Functions, Operations.

Securities and Exchange Board of India: Objectives, Powers and Functions. IRDA

## **Module 3: Valuation Methods**

Compounding: Calculating future value, application in investment

decision Discounting: Present value, application in investment decision

Annuities: Future value and present value, buying an annuity

Perpetual annuities: investment in preferred stock

How Inflation and taxes affect investment decision

Valuation of bonds

## **References:**

1. Chandra Prasanna (2012), Investment Analysis and Portfolio Management, Tata McGraw-Hill Publishing Company Ltd, New Delhi.

2. Bodie Zvi, Merton Robert, Cleeton David (2009), Financial Economics, Pearson Education Limited, New Delhi

3. Levy Haim, Post Thierry (2005), Investments, Pearson Education Limited, England

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# **SYLLABUS FOR S.Y.B.A. APPLIED COMPONENT PAPER**

## **SEMESTER IV**

### **INVESTMENT ANALYSIS**

#### **COURSE CODE: SBAACP402**

**PREAMBLE:** The paper aims to provide a conceptual framework for analysing securities. Module 1 deals with various theories of investment analysis. Module 2 and 3 are based on fundamental analysis and technical analysis respectively which are two different stock investment strategies.

#### **Course Objectives:**

1. To introduce different investment theories and their application in investment decisions.
2. To introduce to students fundamental and technical analysis approaches to investment analysis.
3. To equip students with computational skills required to calculate fundamental value of a security
4. To enhance the ability of students to read charts and to apply them to investment decisions.

#### **Course Outcomes:**

1. Students will be able to Calculate portfolio return and portfolio risk.
2. Students will be able to explain the different levels of market efficiency.
3. Students will be able to apply CAPM to identify overvalued and undervalued securities.
4. Students will be able to calculate financial ratios and comment on the financial position of a company
5. Students will be able to differentiate between fundamental and technical analysis
6. Students will be able to calculate value of a security based on given information
7. Students will be able to understand the various chart patterns
8. Students will be able to identify signals to buy stock and sell stock from various chart formations.

#### **Syllabus**

##### **Module 1: Theories of Investment Analysis**

Modern Portfolio Theory: Portfolio return, risk, diversification and optimal portfolio –Capital Asset Pricing Model –Efficient Market Theory

## **Module 2: Fundamental Analysis**

Meaning of fundamental analysis– Macroeconomic analysis – Industry analysis – company analysis – estimation of intrinsic value

## **Module 3: Technical Analysis of the Market**

What is technical analysis? – Charting techniques- Trend & Trendline – Chart formations – Moving averages & its advantages – Technical Indicators – Evaluation of Technical analysis

### **References:**

Chandra Prasanna (2012), Investment Analysis and Portfolio Management, Tata McGraw-Hill Publishing Company Ltd, New Delhi.

Bodie Zvi, Merton Robert, Cleeton David (2009), Financial Economics, Pearson Education Limited, New Delhi

Levy Haim, Post Thierry (2005), Investments, Pearson Education Limited, England

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