



P. D. E. A's

**Prof. Ramkrishna More Arts, Commerce and Science
College, Auotonomous, Akurdi Pune-411044**

B.A. Economics / B.A. Honors Economics
(Three Years B.A. and Four Years B. A. Honors Program)

Choice Based Credit System [CBCS]
Under
Autonomy and NEP-2024

From Academic Year
2026-2027
Syllabus

Third Year Graduate (T.Y. B. A.)
Economics

Board of Studies Economics



P. D. E. A's.

Prof. Ramkrishna More Arts, Commerce & Science College, Autonomous,
Akurdi, Pune 411044

Guidelines for Syllabus Design of all courses under Autonomy and NEP-2024

Credit distribution structure for three/ four-year Honors / Honors with Research Degree Program with
Multiple Entry and Exit options (Discipline Specific)

Department of Economics –UG



<u>Level/ Difficulty</u>	<u>Semester</u>	<u>Credits Related to Major</u>				<u>IKS</u>	<u>FP/OJT/CEP</u>	<u>VEC</u>	<u>CC</u>	<u>TOTAL</u>
		<u>Major Course</u>	<u>Major Elective Course</u>	<u>Minor Courses</u>	<u>VSC</u>					
5.5	V	ECMAT-351 (4T) International Economics-I ECMAT-352 (4T) Public Economics-I ECMAP-353 (2P) Public Finance-I ECMAP-354 (2P) Practical in International Economics- I	ECMET-351--(4T) Economics of growth and Development-I ECMEP-352--(2P) Practical in Growth and Development-I Or ECMET-353-- (4T) Elementary Quantitative Techniques –I ECMEP-354--(2T) Practical in Elementary Quantitative Techniques -I		ECVST-351 (2T) Introductory in Stock Market		ECRPP-351 (2T) RP Research Project			<u>22</u>

5.5	VI	ECMAT-361 (4T) International Economics-II ECMAT-362 (4T) Public Economics-II ECMAP-363 (2P) Public Finance-II ECMAP-364 (2P) Practical in International Economics- II	ECMET-361 (4T) Economics of growth and development-II ECMEP-362 (2P) Practical in Growth and Development-II ECMET-363 (4T) Elementary Quantitative Techniques -II ECMEP-364 (2P) Elementary Quantitative Techniques -II		ECVSP-361 (2P) Saving and Investment Management		ECOJP-351 OJT 4 On Job Training			22
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Exit option: Award of UG Certificate in Major with 44 credits and an additional 4 credits core NSQF course/ Internship OR Continue with Major and Minor

▪ **Programme Outcomes: -**

The Bachelor of Arts (BA) Programme in Economics is designed to provide students with a comprehensive understanding of economic theory and methodologies. The curriculum is structured to equip students with both theoretical and quantitative skills necessary for analyzing real-world economic issues. The emphasis on data collection and analysis using software ensures that students can handle complex economic data and draw meaningful conclusions. Key features of the Bachelor in Economics Programme include:

1. **Analyses Economic Conditions:** Demonstrate the ability to evaluate and analyses various aspects of the Indian economic environment, including economic development, growth, and the impact of government policies.
2. **Understand Financial Systems:** Gain a comprehensive understanding of the structure and functions of the Indian financial system, including its components and their roles in economic stability and growth.
3. **Apply Stock Market Concepts:** Utilize fundamental and technical analysis techniques to make informed decisions in stock market investments and understand the role of mutual funds.
4. **Implement Business Management Principles:** Apply core principles of management and business planning to develop effective strategies, decision-making processes, and understand the impact of government initiatives on start-ups.
5. **Integrate Learning with Practice:** Integrate theoretical knowledge with practical applications through case studies, real-world examples, and practical exercises to enhance problem-solving and analytical skills in business and financial contexts.
6. **Apply Financial System Concepts:** Understand and apply the concepts of financial systems, including money and capital markets, to real-world financial scenarios.
7. **Integrate Management Principles:** Utilize core management principles and concepts to enhance organizational efficiency and leadership skills in various business contexts.

▪ **Programme Learning Outcome: -**

The learning outcomes of the Bachelor in Economics program are designed to enhance students' employability by providing them with the necessary theoretical knowledge, analytical skills, and practical experience. Employers often value individuals who can think critically, analyze complex economic problems, and propose effective solutions. The Bachelor in Economics program offers a comprehensive education in economic theory and methods, allowing students to specialize through optional courses. The practical focus on data analysis and in-depth analysis of economic issues not only enhances students' employability in various industries but also provides a strong foundation for those interested in pursuing master's and doctoral studies.

1. **Analyze Economic Factors:** Students will be able to analyze and interpret key economic indicators and factors affecting the Indian economy, including growth patterns, sectoral contributions, and development challenges.
2. **Understand Financial Institutions:** Students will demonstrate an understanding of the structure, functions, and roles of various financial institutions within the Indian financial system, including commercial banks, insurance companies, and investment bodies.
3. **Apply Investment Analysis:** Students will apply fundamental and technical analysis techniques to evaluate stock market investments, including understanding market trends, chart patterns, and financial indicators.
4. **Develop Business Plans:** Students will develop comprehensive business plans by integrating various aspects of business planning, including setting objectives, planning processes, and decision-making techniques.
5. **Evaluate Government Initiatives:** Students will critically evaluate the impact of key government initiatives and policies, such as Start-Up India and Make in India, on entrepreneurship and economic growth.
6. **Understand Financial Markets:** Students will explain the functions and workings of money and capital markets, including the roles of different market participants and financial instruments.
7. **Utilize Management Principles:** Students will apply core management principles to enhance organizational effectiveness, including understanding leadership styles, coordination, and control mechanisms.

Examination Pattern

➤ A] Total 4 Credits - Theory

- **Total Marks: 100**

- **Scheme of Examination:**

- a. Internal Assessment 30 Marks (Minimum Marks 12 for passing)
- b. Semester End Exam 70 Marks (Minimum Marks 28 for passing)
- c. The details of Question Paper Pattern for offline Examination should be mentioned here.

- **Time (3 Hours), 4 Credit Course, Marks (70)**

Q.1 Answer the following questions in one and two sentence each (any 5 out of 8) 10 Marks

Q.2 Answer the following questions in about 100 words (any 2 out of 3) 20 Marks

Q.3 Answer the following questions in about 200 words (any 1 out of 2) 20 Marks

Q.4 Short Note (any 4 out of 6) 20 Marks

➤ B] Total 2 Credits – Theory

- **Total Marks: 50**

- **Marks Scheme of Examination:**

- a. Internal Assessment 15 Marks (Minimum Marks 6 for passing)
- b. Semester End Exam 35 Marks (Minimum Marks 14 for passing)
- c. The details of Question Paper Pattern for offline Examination should be mentioned here.

- **Time (2 Hours), 2 Credit Course, Marks (35)**

Q.1 Answer the following questions in one and two sentence each (any 4 out of 6) 8 Marks

Q.2 Answer the following questions in about 100 words (any 2 out of 3) 12 Marks

Q.3 Answer the following questions in about 200 words (any 1 out of 2) 10 Marks

Q.4 Short Note (any 1 out of 2) 5 Marks

➤ **C] Total 2 Credits –**

Practical Total Marks: 50 Marks

Scheme of Examination:

- a. Internal Assessment 15 Marks (Minimum Marks 6 for passing)
- b. Practical Assessment 35 Marks (Minimum Marks 14 for passing)

Sr. No	Practical Exam	Pattern Marks
1	Internal Assessment - Teachers should choose any three tools out of given above for Internal Assessment	15
2	Practical Assessment a] Practical work Book – 15 Marks b] Viva Voce / Presentation (Problem Solving / PPT / Poster) – 20 Marks	35
	Total	50

▪ **Suggested internal assessment tools for UG courses:**

The concerned teacher shall announce the units for which internal assessment will take place. Teachers should choose any three tools out of given below for Internal Assessment among that written test is mandatory.

- a) Students Seminar
- b) Short Quizzes / MCQ Test
- c) Home Assignments
- d) Tutorials / Practical
- e) Oral test
- f) Research Project
- g) Group Discussion
- h) Open Book Test
- i) Study Tour
- j) Written Test
- k) PPT presentation
- l) Field Visit
- m) Industrial Visit
- n) Viva Voce

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T.Y. B.A. Economics Syllabus

CBCS Semester Pattern

Under Autonomy and NEP-2020 To Be Implemented from Academic Year 2026-2027

SEMESTER V

Major Mandatory Subject

ECMAT-351 (4T) International Economics-I

No. of Credit- 04

Lecture: - 60



Unite No	Name and Sub Titles of the Topic	No. of Lectures
	INTERNATIONAL ECONOMICS	
01	1.1 International Economic: Meaning, Definition, Scope, Characteristics & Importance	15
	1.2 Inter-regional- Meaning and Nature	
	1.3 International Trade- Meaning and Nature	
	1.4 Different between Inter-regional and International Trade	
	THEORIES OF INTERNATIONAL TRADE	
02	2.1 Absolute Cost Advantage Doctrine of Adam Smith	15
	2.2 Comparative Cost Advantage Theory of International Trade by Ricardo	
	2.3 Heckscher- Ohlin Theory of Trade - Leontief Paradox	
	2.4 Complementary Trade Theories: Linder Theory- Karvis Theory	
	GAINS FROM INTERNATIONAL TRADE & THEIR MEASUREMENT	
03	3.1 Trade and Economic Growth	15
	3.2 Factors affecting Gains from International Trade - Measurement and Distribution of Gains from trade	
	3.3 Terms of Trade; Concepts, Factors affecting, Uses & Limitations	
	3.4 Theory of Reciprocal Demand - Hypothesis of secular deterioration of terms of Trade	
	THEORY OF INTERVENTIONS IN TRADE	
04	4.1 Free Trade and Protective Trade: Arguments in favor & against	15
	4.2 Barriers to Trade: Tariffs; Meaning- Types – Effects- Optimum Tariff – Effective Rate of Protection/ Tariff	
	4.3 Barriers to Trade: Non Tariffs; Quotas, Exchange Control, Price Discrimination/ Dumping, State Trading, Subsidies, Commodity Agreements, International Cartels – Political Economy of Protection.	
	4.4 Effects of Tariffs under General Equilibrium, Samuelson Theorem	

➤ **Course Learning Outcomes; -**

At the end of the course the learner will have ability –

CO 1: To relate and recall the concepts of International Economics and International Trade

CO 2: To describe and apply the theories of international trade.

CO 3: To explain and comprehend the issues relating to Terms of trade and Balance of Payment

CO 4: Understand the measurement of gains from international trade

➤ **Reference; -**

1. "Development Economics" by Debraj Ray, Publication: Oxford University Press, 1998.
2. "Economic Development" by Michael P. Todaro and Stephen C. Smith Publication: Pearson, 12th Edition, 2020.
3. "Introduction to Economic Growth" by Charles I. Jones Publication: W.W. Norton & Company, 2nd Edition, 2014.
4. "Indian Economy: Performance and Policies" by Sanjiv Verma Publication: Oxford University Press, 2022
5. "Industrial Economics: An Introduction" by M. N. Gupta Publication: Atlantic Publishers & Distributors, 2019.

➤ **Journal & Magazine: -**

1. Journal of Development Economics. **Publisher:** Elsevier **Website:** Journal of Development Economics
2. World Development **Publisher:** Elsevier **Website:** World Development
3. Economic Development and Cultural Change **Publisher:** University of Chicago Press **Website:** Economic Development and Cultural Change.



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SEMESTER V

Major Mandatory Subject

ECMAT-352 (4T) Public Economics-I

No. of Credit- 04

Lecture: - 60

Unite No	Name and Sub Titles of the Topic	No. of Lectures
01	Introduction to Public Finance	15
	1.1 Public Finance :Meaning, Nature, Scope and Importance of Public Finance	
	1.2 Role of Public Finance in Economic Development	
	1.3 Principle of Maximum Social Advantage: Musgrave's Approach	
02	Public Revenue	15
	2.1 Sources of Public Revenue	
	2.2 Meaning of Tax, Types of Taxes- Direct Tax and Indirect Tax,	
	2.3 Goods and Service Tax and: Concept and Characteristics	
	2.4:Customs Duties: Meaning and Nature	
03	Public Expenditure	15
	3.1 Meaning and Principles of Public Expenditure	
	3.2 Classification of Public Expenditure	
	3.3 Reason for Increasing Public Expenditure	
	3.4 Wagner's Law of Public Expenditure	
04	Public Debt	15
	4.1 Meaning, Sources and Importance of Public Debt	
	4.2 Methods of Repayment of Public Debt	
	4.3 Burden of Public Debt	

➤ **Course Learning Outcomes; -**

At the end of the course the learner will have ability –

CO 1 : To relate and recognize the Nature and Scope of Public Finance.

CO 2 : To describe and analyze the concept of Public Revenue and its components.

CO 3 : To explain types of Public Expenditure and reasons for rising Public Expenditure.

CO 4 : To explain the types of Public Debt and its effects.

➤ **Course Objective:-**

1. To make students understand the role of public finance in the economies
2. To make the students know the sources of Revenue, Expenditure and Debt of Govt. of India.
3. To make the students learn to formulate policies related to the government revenue and expenditure

➤ **Reference ;-**

1. Andley and Sundaram- Theory and Practice of Public Finance.
2. Bhatia H.L “Public Finance “ Vikas Publishing House, 18th edition
3. Jayaram Hiregange, Deepak Rao (2017), India GST for Beginners, White Falcon Pub.
4. Government of India (2017). GST-Concept and Status
5. Singh S.K, Public Finance in Theory and Practice, S. Chand, New Delhi.
6. Ozerkar S.R.,Rajaswa (Marathi), Vidya Prakashan, Ruikar Marg Nagpur
7. Deo and Zamre, Rajaswa (Marathi) Pimpalpure and Co, Publishers, Nagpur.
8. Buchanan J. M.,, Public Principles of Public debt, Irwin, Homewood, III, USA.
9. Herber, B.P., Modern Public finance, AITBS, New Delhi.
10. Hicks Ursula (1961) “Public Finance” Digswell Place, James Nishbet & Co. Ltd.

➤ **Websites:**

1. <https://data.gov.in>
2. <https://www.gst.gov.in>
3. <https://www.incometaxindia.gov.in>

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SEMESTER V

Major Mandatory Subject

ECMAP-353 (2P) Public Finance-I

No. of Credit- 02

Lecture: - 60L

Unit No	Name and Sub Titles of the Topic	No. of Lectures
01	1.1 Studying subsidies given to the Self-Help Groups by PCMC	60
	1.2 Preparing Family Budget	
	1.3 Interviewing women on latest gender budget 2024-25	
	1.4 Comparing deficit financing in India with the develop countries	
	1.5 Analyzing State-Wise Distribution Of Net Proceeds Of Union Taxes And Duties year 2023-24	

➤ **Course Learning Outcomes;-**

At the end of the course the learner will have ability –

CO 1: To make students able to analyze Budget process of India.

CO 2: To make the students aware about Role and working of Finance Commission.

CO 3: To make students competent to become success in competitive examination

➤ **Course Objective:-**

1. To explain and assess the components and instruments of Fiscal Policy.
2. To relate to the concepts of Budget and its components.
3. To describe and analyze the concept of Deficit Financing and its effects.
4. To describe and explain the Centre and State Financial Relationship.

➤ **Recommended Books:-**

1. Andley and Sundaram- Theory and Practice of Public Finance.
2. Bhatia H.L “Public Finance “ Vikas Publishing House, 18th edition
3. Jayaram Hiregange, Deepak Rao (2017), India GST for Beginners, White Falcon Pub.

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SEMESTER V

Major Mandatory Subject

ECMAP-354 (2P) Practical in International Economics

No. of Credit- 02

Lecture: - 60L

Unite No	Name and Sub Titles of the Topic	No. of Lectures
01	1.1 International Economics – Meaning, Scope, Importance & Inter-regional Trade and International Trade, Absolute Cost Advantage – Adam Smith, Comparative Cost Advantage – Ricardo, Heckscher–Ohlin Theory and Leontief Paradox, Complementary Trade Theories – Linder & Kravis	20
	Practical 1 :- Case study, written assignment, Preparation & Numerical problems based on two commodities, opportunity cost factor endowment	
02	2.1 Trade and Economic Growth , Measurement and Distribution of Gains from Trade, Terms of Trade Reciprocal Demand & Secular Deterioration Hypothesis,	20
	Practical 2 :- Case study, written assignment, Preparation & Secondary data analysis of India's exports and GDP, Diagrammatic explanation of consumer and producer surplus, Calculation of Net Barter and Income Terms of Trade, Diagram of reciprocal demand and short analytical note	
03	3.1 Free Trade and Protection , Tariffs and Effective Rate of Protection, Non-Tariff Barriers, Tariff under General Equilibrium & Samuelson Theorem	20
	Practical 3 :- Case study, written assignment, Preparation & Numerical problems and diagram, Diagrammatic explanation and short notes	

➤ **Course Learning Outcomes;-**

CO1: Interpret international trade data and economic indicators.

CO2: Solve numerical problems related to trade theories and tariffs.

CO3: Use diagrams to explain welfare effects of trade.

CO4: Critically assess free trade and protection policies.

CO5: Prepare structured practical records and reports.

➤ **Course Objective: -**

1. Understand the practical relevance of international economic concepts.
2. Apply classical and modern trade theories using data and numerical examples.
3. Analyze gains from trade and terms of trade.
4. Evaluate trade policies and protection measures.
5. Develop research, analytical, and presentation skills.

➤ **Reference Book:-**

1. Salvatore, D. (2019). *International economics* (12th ed.). Wiley India.
2. Jhingan, M. L. (2016). *International economics*. Vrinda Publications.
3. Mannur, H. G. (2014). *International economics*. Vikas Publishing House.
4. Krugman, P. R., Obstfeld, M., & Melitz, M. J. (2018). *International economics: Theory and policy* (10th ed.). Pearson Education.



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SEMESTER V

Major Mandatory Subject

ECMAT-351 (4T) Economics of Growth and Development-I

No. of Credit- 02

Lecture: - 60L

Unite No	Name and Sub Titles of the Topic	No. of Lectures
01	Introduction of economic growth and development	15
	1.1 Economic Development-Meaning, Definition and Concept	
	1.2 Difference between Economic Growth and Economic Development	
	1.3 Indicators of Economics Development and Growth : Sustainable Development Goals (SDGs), Human Development Index (HDI), Gender Development Index (GDI)	
02	Developed and Developing Economies	15
	2.1 Characteristics of a Developed Economy	
	2.2 Characteristics of a Developing Economy	
	2.3 Present Status of India as a Developing Economy	
	2.4 Major Challenges Faced by the Indian Economy	
03	Indian Agricultural Sector	15
	3.1 Role of Agriculture in the Indian Economy	
	3.2 Agricultural Productivity: Causes and Measures	
	3.3 Agricultural Marketing: Problems and Measures	
	3.4 Agricultural Finance: Institutional and Non-Institutional Sources	
04	Indian Industrial Sector	15
	4.1 Role and Importance of Industrialization in India	
	4.2 Role and Problems of Small and Medium Enterprises (MSMEs)	
	4.3 Industrial Policy, 1991 (LPG Model)	
	4.4 Importance of Public Sector Enterprises and Disinvestment Policy	

➤ **Course Learning Outcomes; -**

At the end of the course the learner will have ability –

CO1: Understand economic growth, economic development, and their indicators.

CO2: Analyze developed and developing economies with reference to India.

CO3: Examine the role and problems of the Indian agricultural sector.

CO4: Evaluate India's industrial sector, policies, and reforms.

➤ **Course Objective: -**

1. To introduce the concepts of economic growth and economic development.
2. To understand the features of developed and developing economies with reference to India.
3. To analyze the role and challenges of the agricultural sector in India.
4. To examine the industrial sector, economic reforms, and policy initiatives in India.

➤ **Reference Book: -**

1. Mishra, S.K. & Puri, V.K. Indian Economy – Himalaya Publishing House, 2022
2. Datt, R. & Sundharam, K.P.M. Indian Economy* – S. Chand & Company Ltd., 2021
3. Kapila, Uma Indian Economy: Performance and Policies – Academic Foundation, 2020
4. Gupta, S.C. Indian Economy – S. Chand & Company Ltd., 2019

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SEMESTER V

Major Mandatory Subject

ECMAP-352 (2T) Practical in Growth and Development-I

No. of Credit- 02

Lecture: - 60L

Unite No	Name and Sub Titles of the Topic	No. of Lectures
01	1.1 Economic Growth and Economic Development – Meaning, Nature and Differences, Indicators of Economic Development: HDI, GDI, SDGs, Concept of Sustainable Development	20
	Practical 1 :- Case study, written assignment, preparation of comparative chart on economic growth vs economic development, calculation and interpretation of HDI using secondary data	
02	2.1 Developed and Developing Economies – Characteristics, Measurement of Development, India as a Developing Economy, Issues of Poverty, Unemployment and Inequality	20
	Practical 2:- Case study, written assignment, preparation & analysis of secondary data on India's GDP, per capita income and poverty, graphical presentation and short analytical notes	
03	3.1 Approaches and Strategies of Economic Development – Balanced Growth, Unbalanced Growth, Big Push Theory, Critical Minimum Effort Theory, Role of Government Policies	20
	Practical 3 :- Case study, written assignment, preparation of diagrams, comparative analysis of development strategies, short notes and problem-based discussions	

➤ **Course Learning Outcomes; -**

At the end of the course the learner will have ability –

CO1: Understand the concepts of economic growth and economic development..

CO2: Analyze indicators and strategies of economic development.

CO3: Apply economic theories to real-world development issues using data and case studies.

CO4: Interpret economic data and present analytical findings effectively.

➤ **Course Objective: -**

1. To introduce basic concepts of economic growth and development.

2. To familiarize students with development indicators and strategies.

3. To develop analytical skills through data analysis and case studies.

4. To enhance practical understanding of economic development issues.

➤ **Reference Book: -**

1. Mishra, S.K. & Puri, V.K. Indian Economy – Himalaya Publishing House, 2022

2. Datt, R. & Sundharam, K.P.M. Indian Economy* – S. Chand & Company Ltd., 2021

3. Kapila, Uma Indian Economy: Performance and Policies – Academic Foundation, 2020

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SEMESTER V

Major Mandatory Subject

ECMAT-351 (4T) Elementary Quantitative Techniques -I



No. of Credit- 04

Lecture: - 60L

Unite No	Name and Sub Titles of the Topic	No. of Lectures
01	MEASURES OF CENTRAL TENDENCY	15
	1.1 Introduction, Meaning and Definition & Classification of Measures of Central Tendency	
	1.2 Arithmetic Mean, Moving Average, Types of Moving Average	
	1.3 Calculation of Simple Arithmetic Mean, Calculation of Weighted Arithmetic Mean, Harmonic Mean, Geometric Mean, Median, Mode, Quartiles, Deciles, Percentiles	
02	MEASURES OF DISPERSION	15
	2.1 Introduction, Meaning and Definition of Dispersion	
	2.2 Range, Interquartile Range.	
	2.3 Mean Deviation, Standard Deviation	
	2.4 Testing of Dispersion, Variance	
03	INDEX NUMBERS	15
	3.1 Objectives of Index Numbers, Data, Index	
	3.2 Meaning of Index Number, Problems in Constructing Index Numbers	
	3.3 Laspeyres Index Number Method, Piasche Index, Fisher Index Number	
	3.4 Time Reversal Test, Factor Reversal Test & Circular Test	
04	TIME SERIES ANALYSIS	15
	4.1 Meaning of Time Series Analysis & Classification of Time Series Analysis	
	4.2 Objectives of Time Series, Data, Secular Trend	
	4.3 Cyclical Variation, Seasonal Variation, Irregular Variation – Fluctuations	
	4.4 Methods of Measuring Variations, Testing of Trend	

➤ **Course Learning Outcomes; -**

At the end of the course the learner will have ability –

CO1. Understand and calculate central tendency measures.

CO 2. Analyze and apply dispersion measures.

CO 3. Interpret and construct index numbers with tests.

CO 4. Understand basics and methods of time series analysis.

➤ **Course Objective: -**

1. To introduce fundamental statistical concepts related to central tendency and dispersion.
2. To develop skills in calculating and interpreting various statistical measures.
3. To familiarize students with index numbers and their applications in economics.
4. To explain the principles and methods of time series analysis for economic data.

➤ **Reference Book :-**

1. Gupta, S.P. – Statistical Methods – Sultan Chand & Sons, 2020
2. Hooda, R.P. – Statistics for Business and Economics – McGraw Hill Education, 2018
3. Sundaresan, V. – Business Statistics – New Age International Publishers, 2019
4. Mahajan, B.K. – Methods in Biostatistics – Jaypee Brothers Medical Publishers, 2017



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SEMESTER V

Major Mandatory Subject

ECMAP-352 (2P) Practical in Elementary Quantitative Techniques -I

No. of Credit- 02

Lecture: - 60L

Unite No	Name and Sub Titles of the Topic	No. of Lectures
01	1.1 Measures of Central Tendency – Introduction, Meaning, Definition & Classification; Arithmetic Mean, Moving Average, Types of Moving Average; Calculation of Simple & Weighted Arithmetic Mean, Harmonic Mean, Geometric Mean, Median, Mode, Quartiles, Deciles, Percentiles	20
	Practical 1 :- calculation of all central tendency measures from given datasets, preparation of comparative chart of measures, diagrammatic representation of median, mode, and percentiles	
02	2.1 Measures of Dispersion – Introduction, Meaning and Definition; Range, Interquartile Range; Mean Deviation, Standard Deviation; Testing of Dispersion, Variance	20
	Practical 2:- calculation of range, interquartile range, mean deviation, standard deviation and variance from sample datasets, graphical representation, short analytical notes	
03	3.1 Index Numbers – Objectives, Data, Meaning of Index Numbers, Problems in Construction; Laspeyres, Paasche, Fisher Index Numbers; Time Reversal Test, Factor Reversal Test, Circular Test	20
	Practical 3 :- construction of Laspeyres, Paasche, and Fisher Index Numbers, application of time, factor, and circular tests, diagrammatic illustration and short analytical notes	

➤ **Course Learning Outcomes; -**

At the end of the course the learner will have ability –

CO1. To introduce basic concepts of central tendency, dispersion, index numbers, and time series.

CO 2. To develop skills in calculating and interpreting statistical measures.

CO 3. To enable students to analyze economic and business data using statistical tools.

CO 4. To provide practical experience in applying statistics through case studies and data analysis.

➤ **Course Objective: -**

1. To Understand and calculate measures of central tendency.
2. To Analyze and interpret measures of dispersion.
3. To Construct and evaluate different types of index numbers and apply related tests.
4. To Understand and analyze time series data, including trends and variations.

➤ **Reference Book :-**

1. Gupta, S.P. – Statistical Methods – Sultan Chand & Sons, 2020
2. Hooda, R.P. – Statistics for Business and Economics – McGraw Hill Education, 2018
3. Sundaresan, V. – Business Statistics – New Age International Publishers, 2019
4. Mahajan, B.K. – Methods in Biostatistics – Jaypee Brothers Medical Publishers, 2017

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CBCS Semester Pattern

Under Autonomy and NEP-2020 To Be Implemented from Academic Year 2026-2027

SEMESTER V

Vocational Skill Course (VSC)

ECMAT-351 (2T) Introductory in Stock Market



No. of Credit- 02

Lecture: - 30L

Unite No	Name and Sub Titles of the Topic	No. of Lectures
01	Introduction to Stock Markets in India	10
	1.1 – Origin and History of Indian stock market	
	1.2 – Structure of Market: Primary and Secondary Market: Meaning	
	1.3 – Introduction to BSE, NSE	
	1.4 – Indices of stock market; SENSEX, NIFTY, BANK NIFTY	
	1.5 – Role of SEBI: CSDL, NSDL	
02	Trading in Stock Market	10
	2.1 – Demat Account: Meaning and Platforms	
	2.2 – IPO, FPO, NFO - Meaning and Application	
	2.3 – Types of Trading- Intraday, Delivery, Options, futures, swap	
	2.4 – Mutual Funds: Meaning, Small Cap, Mid Cap and Large Cap Funds	
03	Concept in Stock Market	10
	3.1 Index- Nifty 50	
	3.2 Portfolio Management	
	3.3 Systematic Investment Plan (SIP)	
	3.4 Systematic withdrawal Plan (SWP)	

➤ **Course Learning Outcomes; -**

At the end of the course the learner will have ability –

CO1. Understand the role and importance of Indian Stock Market Operations.

CO 2. Apply and analyses the concept relevant to Indian stock markets

CO 3. Start a stock market trading business.

CO 4. To develop the students ability to deal with practical approach.

➤ **Course Objective: -**

1. To understand the structure, history, and functioning of the Indian stock market.
2. To familiarize students with stock exchanges, indices, and regulatory bodies like SEBI.
3. To develop basic knowledge of trading, investment instruments, and mutual funds.
4. To introduce portfolio management and systematic investment and withdrawal plans.

➤ **Reference Book :-**

1. Pathak Bharati (2018), 'Indian Financial System'. Pearson Education; Fifth edition.
2. Gomez Clifford (2008), 'Financial Markets, Institutions and Financial Services', Prentice Hall of India,
3. Meir Kohn (2013), 'Financial Institutions and Markets', Oxford University Press
4. Rajesh Kothari (2012), 'Financial Services in India: Concept and Application', Sage publications, New Delhi.
5. Ankit and Khushboo Gala (2016), 'Fundamental Analysis of Shares', Buzzingstock Publishing House, Mumbai.

➤ **Course Learning Outcomes; -**

At the end of the course the learner will have ability –

CO1. Understand the role and importance of Indian Stock Market Operations.

CO 2. Apply and analyses the concept relevant to Indian stock markets

CO 3. Start a stock market trading business.

CO 4. To develop the students ability to deal with practical approach.

➤ **Course Objective: -**

5. To understand the structure, history, and functioning of the Indian stock market.
6. To familiarize students with stock exchanges, indices, and regulatory bodies like SEBI.
7. To develop basic knowledge of trading, investment instruments, and mutual funds.
8. To introduce portfolio management and systematic investment and withdrawal plans.

➤ **Reference Book :-**

6. Pathak Bharati (2018), 'Indian Financial System'. Pearson Education; Fifth edition.
7. Gomez Clifford (2008), 'Financial Markets, Institutions and Financial Services', Prentice Hall of India,
8. Meir Kohn (2013), 'Financial Institutions and Markets', Oxford University Press
9. Rajesh Kothari (2012), 'Financial Services in India: Concept and Application', Sage publications, New Delhi.
10. Ankit and Khushboo Gala (2016), 'Fundamental Analysis of Shares', Buzzingstock Publishing House, Mumbai.

Semester - VI

Department of Economics



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T.Y. B.A. Economics Syllabus

CBCS Semester Pattern

Under Autonomy and NEP-2020 To Be Implemented from Academic Year 2026-2027

SEMESTER VI

Major Mandatory Subject

ECMAT-361 (4T) International Economics-II

No. of Credit- 04

Lecture: - 60L

Unite No	Name and Sub Titles of the Topic	No. of Lectures
01	Balance of Trade and Balance of Payments	15
	1.1 Balance of Trade- Meaning ,Definition ,Scope & Characteristics	
	1.2 Balance of Payments - Meaning , Definition, Characteristics	
	1.3 Disequilibrium in Balance of Payments: Causes and Consequences	
	1.4 Measures to correct disequilibrium in Balance of Payments	
02	Indian Foreign Trade and Capital	15
	2.1 Importance of foreign Trade-in Economics Development	
	2.2 Indian foreign Trade, Growth, Composition and Direction	
	2.3 Highlight of Indians Foreign Trade Police Since-2015-25	
03	Foreign Exchange	15
	3.1 Fixed and Flexible Exchange Rate	
	3.2 Fixed Exchange Rate- Meaning ,Definition, Merits, Demerits	
	3.3 Flexible Exchange Rate- Meaning, Definition, Merits, Demerits	
	3.4 Foreign Exchange Market –Meaning, Structure and Function	
	3.5 Euro Market	
04	International institutions and India	15
	4.1 IMF: Objectives and Functions	
	4.2 IBRD: Objectives, Functions	
	4.3 ECM, BRICS : Objectives, Functions	
	4.4 WTO: Objectives, Functions	

➤ **Course Learning Outcomes; -**

At the end of the course the learner will have ability –

CO1. Students will be able to understand the various aspects of Indian Financial System.

CO 2. The students will be able to acquire the practical knowledge of Banking in India.

CO 3. The students will understand the challenges before Indian Financial System.

CO 4. To help the students to prepare for varied Banking competitive examinations.

➤ **Course Objective: -**

1. To understand the basics of international trade and payments.
2. To explain India's foreign trade and exchange system.
3. To develop knowledge of foreign exchange markets.
4. To understand the role of international economic institutions.

➤ **Reference Book :-**

1. Dr. Mrs. Nirmal Bhalerao & S.S.M. Desai – International Economics (Himalaya Publishing House, 2024).
2. Dr. D.M. Mithani – International Economics (Himalaya Publishing House, 9th Edition)
3. Dr. B. L. Ojha & Manoj Kumar Ojha – International Economics SBPD Publications, 2022.
4. Dr. V. C. Sinha & Dr. Pushpa Sinha, International Economics, SBPD Publications, 2022.

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SEMESTER VI

Major Mandatory Subject

ECMAT-362 (4T) Public Economics-II

No. of Credit- 04

Lecture: - 60L

Unit No	Name and Sub Titles of the Topic	No. of Lectures
01	Fiscal Policy	15
	1.1 Fiscal Policy- Meaning, Instruments	
	1.2 Objectives of Fiscal Policy in India	
	1.3 Review of Fiscal Policy in India Since 2014	
02	Budget	15
	2.1 Budget- Meaning, Nature and Objectives	
	2.2 Classification of Budget	
	2.3 Preparation and Presentation of Indian Union Budget	
03	Deficit Financing	15
	3.1 Deficit Financing- Meaning and Objectives	
	3.2 Trends in India's Deficit Financing Since 2014	
	3.3 Effects of Deficit Financing	
04	Centre-State Financial Relationship	15
	4.1 Centre-State Financial Relationship: Constitutional Provisions	
	4.2 Conflict in the Centre-State Financial Relationship- causes and remedies	
	4.3 Role of the Finance Commission	
	4.4 Recommendations of 16th Finance Commission	

➤ **Course Learning Outcomes; -**

At the end of the course the learner will have ability –

CO1. Understand the concept, objectives, and instruments of fiscal policy in India.

CO 2. Explain the Indian Union Budget, its classification, and gender budgeting.

CO 3. Analyze deficit financing and its effects on the economy.

CO 4. Understand Centre-State financial relations and Finance Commission recommendations.

➤ **Course Objective: -**

1. To understand the meaning, objectives, and instruments of fiscal policy.
2. To explain the structure, preparation, and types of the Indian Union Budget.
3. To analyze deficit financing and its economic impact.
4. To understand Centre-State financial relations and the role of the Finance Commission.

➤ **Reference Book :-**

1. Cauvery R., Sudha U.K., Girija M., Kruparani N. & Meenakshi R. – Public Finance (Fiscal Policy) – S. Chand Publishing, 1995
2. Dr. K. L. Gupta – Public Finance – Sahitya Bhawan Publications, 2018
3. Gaurav Datt & Biswajit Nag (Editors) – Datt & Sundharam’s Bhartiya Arthvyavastha – S. Chand Publishing, 2024.
4. Dr. D. N. Gurtu – *Public Finance* – Hindi Edition, recent. ([ePustakalay](#))
5. Dr. D. M. Mithani – *Modern Public Finance: Theory and Policy* – Himalaya Publishing House, 2025.

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SEMESTER VI

Major Mandatory Subject

ECMAP-363 (2P) Practical in Public Finance-II

No. of Credit- 02

Lecture: - 60L

Unit No.	Name and Sub Titles of the Topic	No. of Lectures
1	Budget	60
	1. Analysis of a National Budget	
	2. Deficit Financing and Its Impact	
	3. Fiscal Responsibility and Budget Management (FRBM) Act Analysis	
	4. Centre-State Financial Relationship and Devolution of Funds	
	5. Taxation Policy and Reforms	
	6. Evaluation of Fiscal Consolidation and Its Challenges	
	7. Impact of Fiscal Policy on Economic Growth	
	8. Public Debt Management	
	9. Implementation of Public Expenditure Management System (PEMS)	
	10. Case Study on Fiscal Policy During Economic Crises	
11. Impact of Centre-State Financial Transfers on State Development		

➤ **Course Learning Outcomes; -**

At the end of the course the learner will have ability –

- CO1. Analyze the components and objectives of a national budget.
- CO 2. Assess the effectiveness of the FRBM Act and fiscal consolidation measures.
- CO 3. Evaluate Centre-state financial relations and their impact on state development.
- CO 4. Apply fiscal policy concepts through case studies of economic crises.

➤ **Course Objective: -**

1. To develop an understanding of the structure and analysis of a national budget.
2. To examine centre–state financial relations and fiscal devolution mechanisms.
3. To evaluate fiscal consolidation strategies and public expenditure management systems.
4. To analyze the impact of fiscal policy and taxation reforms on economic growth and development.

➤ **Reference Book :-**

1. Cauvery R., Sudha U.K., Girija M., Kruparani N. & Meenakshi R. – Public Finance (Fiscal Policy) – S. Chand Publishing, 1995
2. Dr. K. L. Gupta – Public Finance – Sahitya Bhawan Publications, 2018
3. Gaurav Datt & Biswajit Nag (Editors) – Datt & Sundharam’s Bhartiya Arthvyavastha – S. Chand Publishing, 2024.
4. Dr. D. N. Gurtu – *Public Finance* – Hindi Edition, recent. ([ePustakalay](#))
5. Dr. D. M. Mithani – *Modern Public Finance: Theory and Policy* – Himalaya Publishing House, 2025.

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SEMESTER VI

Major Mandatory Subject

ECMAP-364 (2P) Practical in International Economics

No. of Credit- 02

Lecture: - 60L

Unite No	Name and Sub Titles of the Topic	No. of Lectures
01	1.1 Balance of Trade and Balance of Payments – Meaning, Definition, Scope, Characteristics, Disequilibrium and Corrective Measures	20
	Practical 1 :- Case study on India’s Balance of Payments, written assignment on BOT vs BOP, preparation of comparative charts, analysis of causes of BOP disequilibrium using secondary data, graphical presentation and short interpretative notes.	
02	2.1 Indian Foreign Trade and Capital – Importance, Growth, Composition, Direction and Foreign Trade Policy (2015–2025)	20
	Practical 2:- Case study on Indian foreign trade performance, written assignment on export–import trends, preparation and analysis of secondary data on India’s trade composition and direction, graphical presentation, brief analytical notes on Foreign Trade Policy (2015–2025).	
03	3.1 Foreign Exchange and International Institutions – Fixed and Flexible Exchange Rate Systems, Foreign Exchange Market, Euro Market, IMF, IBRD, BRICS, WTO: Objectives and Functions	20
	Practical 3 :- Case study on exchange rate movements and their impact on international trade, written assignment on fixed versus flexible exchange rate systems, analysis of the role of IMF, World Bank, BRICS and WTO in managing foreign exchange and global trade, preparation of comparative charts and diagrams, use of secondary data, graphical presentation, short analytical notes and problem-based discussions.	

➤ **Course Learning Outcomes; -**

At the end of the course the learner will have ability –

- CO1. Explain the concepts and causes of disequilibrium in Balance of Payments.
- CO 2. Analyze trends and policies related to Indian foreign trade.
- CO 3. Compare fixed and flexible exchange rate systems and foreign exchange markets.
- CO 4. Evaluate the role of international institutions such as IMF, World Bank, BRICS and WTO in international trade and economic development.

➤ **Course Objective: -**

1. To introduce the concepts of Balance of Trade, Balance of Payments and foreign exchange.
2. To explain the structure and growth of Indian foreign trade.
3. To develop an understanding of exchange rate systems and foreign exchange markets.
4. To study the role of international economic institutions in global trade and India's economy.

➤ **Reference: -**

1. H.L. Bhatia – *International Economics* Publication: Vikas Publishing House Pvt. Ltd., New Delhi
2. M.L. Jhingan – *International Economics* Publication: Vrinda Publications (P) Ltd., New Delhi
3. D.M. Mithani – *International Economics* Publication: Himalaya Publishing House, Mumbai
4. S.K. Misra & V.K. Puri – *International Economics* Publication: Himalaya Publishing House, Mumbai
5. C. Rangarajan & D.K. Srivastava – *International Trade and Finance* Publication: Oxford University Press, New Delhi
6. Government of India – *Economic Survey of India* Publication: Ministry of Finance, Government of India
7. Reserve Bank of India – *Handbook of Statistics on the Indian Economy* Publication: Reserve Bank of India, Mumbai



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SEMESTER VI

Major Mandatory Subject

ECMET-361 (4T) Economics of growth and development-II

No. of Credit- 04

Lecture: - 60L

Unite No	Name and Sub Titles of the Topic	No. of Lectures
01	Indian Service Sector	15
	1.1 Role and growth of the service sector in the Indian economy	
	1.2 Major sub-sectors of the service sector: Banking, Insurance, IT, and Healthcare	
	1.3 Role and problems of the tourism sector	
	1.4 Challenges and future of the service sector	
02	Infrastructure	15
	2.1 Importance of infrastructure in economic development	
	2.2 Energy sector: Problems and non-conventional sources of energy	
	2.3 Transport and communication: Roads, railways, and air transport	
	2.4 Information technology and digital revolution	
03	India's Foreign Trade	15
	3.1 Structure and direction of India's foreign trade	
	3.2 Balance of Payments: Concept and causes of disequilibrium	
	3.3 Special Economic Zone (SEZ) policy	
	3.4 World Trade Organization (WTO) and India's foreign trade	
04	Planning Replaced by NITI Aayog	15
	4.1 Background and objectives of economic planning	
	4.2 Successes and failures of economic planning	
	4.3 NITI Aayog: Structure, functions, and objectives	
	4.4 Difference between the Planning Commission and NITI Aayog	

➤ **Course Learning Outcomes; -**

At the end of the course the learner will have ability –

CO1. Explain the structure, growth, and challenges of the Indian service sector.

CO 2. Assess the significance of infrastructure and digital development in India.

CO 3. Analyze India's foreign trade patterns and global trade institutions.

CO 4. Compare the Planning Commission and NITI Aayog and evaluate policy reforms.

➤ **Course Objective: -**

1. To understand the role and growth of the Indian service sector in the economy.
2. To analyze the importance of infrastructure in economic development.
3. To study India's foreign trade, balance of payments, and trade policies.
4. To examine the evolution of economic planning in India and the role of NITI Aayog.

➤ **Reference: -**

1. Mishra & Puri – Indian Economy — 43rd Edition (2025) by Himalaya Publishing House
2. Ramesh Singh – Indian Economy — 15th Edition (2023) by McGraw Hill Education
3. Datt & Sundaram – Indian Economy — editions available around 2018
4. I.C. Dhingra – The Indian Economy: Environment and Policy — 2022 edition by Sultan Chand & Sons
5. Bhartiya Arthvyavastha (Marathi Edition) by Vivek Singh — Published 2025 S. Chand Publishing.



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SEMESTER VI

Major Mandatory Subject

ECMEP-362 (2P) Practical in Growth and development-II

No. of Credit- 02

Lecture: - 60L

Unite No	Name and Sub Titles of the Topic	No. of Lectures
01	1.1 Indian Service Sector – Role and growth of the service sector, major sub-sectors (Banking, Insurance, IT and Healthcare), role and problems of tourism sector, challenges and future prospects of the service sector	20
	Practical 1 :- Case study on growth of the Indian service sector, written assignment on contribution of services to GDP and employment, preparation of comparative charts of service sub-sectors, analysis of tourism sector using secondary data, graphical presentation and short interpretative notes.	
02	2.1 Infrastructure and Economic Development – Importance of infrastructure, energy sector problems and non-conventional energy sources, transport and communication systems, information technology and digital revolution	20
	Practical 2:- Case study on infrastructure development in India, written assignment on energy sector and renewable energy sources, analysis of transport and communication networks using secondary data, preparation of charts, tables and diagrams, graphical presentation, brief analytical notes on digital revolution.	
03	3.1 India's Foreign Trade and Economic Planning – Structure and direction of foreign trade, Balance of Payments, SEZ policy, WTO and India's foreign trade, background of economic planning, successes and failures, NITI Aayog and comparison with Planning Commission	20
	Practical 3 :- Case study on India's foreign trade and economic planning reforms, written assignment on Balance of Payments and NITI Aayog, preparation and analysis of secondary data on export–import trends, comparative charts (Planning Commission vs NITI Aayog), graphical presentation and short analytical notes.	

➤ **Course Learning Outcomes; -**

At the end of the course the learner will have ability –

CO1. Explain the contribution of the service sector and infrastructure to India's economy.

CO 2. Analyze trends in India's foreign trade and balance of payments.

CO 3. Evaluate economic planning and the role of NITI Aayog in development.

CO 4. Apply data analysis and case study methods to interpret economic issues and policies.

➤ **Course Objective: -**

1. To understand the structure and growth of the Indian economy.
2. To study the role of service sector and infrastructure in economic development.
3. To analyze India's foreign trade, balance of payments, and trade policies.
4. To examine economic planning, NITI Aayog, and apply analytical methods to real economic issues.

➤ **Reference: -**

1. Mishra & Puri – Indian Economy — 43rd Edition (2025) by Himalaya Publishing House
2. Ramesh Singh – Indian Economy — 15th Edition (2023) by McGraw Hill Education
3. Datt & Sundaram – Indian Economy — editions available around 2018
4. I.C. Dhingra – The Indian Economy: Environment and Policy — 2022 edition by Sultan Chand & Sons
5. Bhartiya Arthvyavastha (Marathi Edition) by Vivek Singh — Published 2025 S. Chand Publishing.



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SEMESTER VI

Major Mandatory Subject

ECMET-361 (4T) Elementary Quantitative Techniques -II

No. of Credit- 04

Lecture: - 60L

Unit No	Name and Sub Titles of the Topic	No. of Lectures
01	MEASURES OF CENTRAL TENDENCY	15
	1.1 Real Number System and Set Relation	
	1.2 Function and its use in Economic Theory	
	1.3 Differentiation: Calculation and Rules	
	1.4 Logarithmic Differentiation, Partial Differentiation and its Economic use	
02	Mathematical Economic Methods-II	15
	2.1 Integration: Concept and Interpretation	
	2.2 Economic use of Integration.	
	2.3 Matrix	
	2.4 Determinants	
03	Mathematical Economic Methods-III	15
	3.1 Analysis of Input-Output Tables	
	3.2 Linear Programming	
	3.3 Optimal Equation: Interpretation and Uses	
	3.4 Quadratic Equation	
04	Collection and Presentation of Data	15
	4.1 Methods of Data Collection, Editing and Classification of Data	
	4.2 Methods of Data Presentation- Graphical	
	4.3 Methods of Data Presentation- Diagrammatic	

➤ **Course Learning Outcomes; -**

At the end of the course the learner will have ability –

- CO1. Explain measures of central tendency and differentiation techniques relevant to economics.
- CO 2. Apply integration, matrices, and determinants to economic models.
- CO 3. Analyze input - output tables and linear/quadratic equations in economic contexts.
- CO 4. Collect, present, and interpret economic data using statistical methods.

➤ **Course Objective: -**

1. To understand mathematical tools used in economic analysis.
2. To develop skills in data collection, presentation, and interpretation.
3. To apply mathematical methods to solve economic problems.
4. To enhance analytical and problem-solving abilities using quantitative techniques.

➤ **Reference: -**

1. Dr. Gajanan Shedghe & Dr. Sambhaji Kale, Prashant Publication, 2019
2. Dr. Kailash Bavle, Dr. Nilesh Dangat & Dr. Sharmishtha Matkar, Pearson Education, 2025
3. Dr. B. N. Gupta, SBPD Publications, 2021
4. Dr. B. N. Gupta & Dr. Shiv Narayan Gupta, SBPD Publications, 2021
5. G. M. K. Madnani & B. C. Mehta, Sultan Chand & Sons, 2008.

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SEMESTER VI

Major Mandatory Subject

ECMET-362 (2P) Practical in Elementary Quantitative Techniques-II



No. of Credit- 02

Lecture: - 60L

Unite No	Name and Sub Titles of the Topic	No. of Lectures
01	1.1 Measures of Central Tendency – Real Number System, Set Relation, Function and its use in Economic Theory, Differentiation: Calculation and Rules, Logarithmic and Partial Differentiation and their economic use	20
	Practical 1 :- Case study on applications of differentiation in economics, written assignment on real number system and set relations, preparation of comparative charts, calculation exercises on differentiation and logarithmic differentiation, graphical representation of functions, and short interpretative notes.	
02	2.1 Integration: Concept and economic interpretation, Matrices, Determinants	20
	Practical 2:- Case study on integration applications in economic models, written assignment on matrices and determinants, preparation of tables and charts for economic data, graphical representation, and brief analytical notes on economic use of integration.	
03	3.1 Mathematical Economic Methods-III & Data Collection – Input-Output Tables, Linear Programming, Optimal and Quadratic Equations, Methods of Data Collection, Editing, Classification, Graphical and Diagrammatic Data Presentation	20
	Practical 3 :- Case study on input-output analysis and linear programming, written assignment on optimal/quadratic equations, exercises on data collection, editing, classification, preparation of charts and graphs, diagrammatic representation, and short analytical notes.	

➤ **Course Learning Outcomes; -**

At the end of the course the learner will have ability –

- CO1. Explain measures of central tendency and differentiation techniques relevant to economics.
- CO 2. Apply integration, matrices, and determinants to economic models.
- CO 3. Analyze input - output tables and linear/quadratic equations in economic contexts.
- CO 4. Collect, present, and interpret economic data using statistical methods.

➤ **Course Objective: -**

1. To understand mathematical tools used in economic analysis.
2. To develop skills in data collection, presentation, and interpretation.
3. To apply mathematical methods to solve economic problems.
4. To enhance analytical and problem-solving abilities using quantitative techniques.

➤ **Reference: -**

1. Dr. Gajanan Shedghe & Dr. Sambhaji Kale, Prashant Publication, 2019
2. Dr. Kailash Bavle, Dr. Nilesh Dangat & Dr. Sharmishtha Matkar, Pearson Education, 2025
3. Dr. B. N. Gupta, SBPD Publications, 2021
4. Dr. B. N. Gupta & Dr. Shiv Narayan Gupta, SBPD Publications, 2021
5. G. M. K. Madnani & B. C. Mehta, Sultan Chand & Sons, 2008.

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SEMESTER VI

Vocational Skill Course (VSC)

ECMEP-362 (2P) Saving and Investment Management

No. of Credit- 02

Lecture: - 60L

Unit No	Name and Sub Titles of the Topic	No. of Lectures
01	1.1 Personal Financial Planning and Investment Portfolio Management – Budgeting and Savings Goals, Investment Portfolio Management, Comparative Analysis of Fixed Deposits vs Mutual Funds, Impact of Inflation on Savings, Systematic Investment Plans (SIP) vs Lump Sum Investments	20
	Practical 1 :- Case study on personal financial planning and budgeting, written assignment on comparing fixed deposits and mutual funds, preparation of charts showing investment growth over time, analysis of inflation impact on returns, SIP vs Lump Sum performance analysis, short interpretative notes.	
02	2.1 Integration: Influence of Interest Rates and Market Choices on Investment – Interest rate effects on bonds and fixed income, Real Estate vs Stock Market comparison, Impact of Government Policies, Financial Literacy and Investment Decisions	20
	Practical 2:- Case study on interest rate trends and bond investments, written assignment on wealth creation through stocks vs real estate, analysis of government policy impact on investment behavior, preparation of charts and tables showing investment trends, brief analytical notes.	
03	3.1 Risk Management, Behavioral Finance, Tax Planning, and Retirement – Managing Investment Risks through Diversification, Behavioral Finance, Tax-Saving Investments under Section 80C, Retirement Planning: Provident Funds vs National Pension Scheme	20
	Practical 3 :- Case study on risk diversification strategies, written assignment on behavioral finance and investment decisions, exercises on tax-saving investment calculations under Section 80C, comparison of retirement schemes (PF vs NPS), preparation of charts, diagrams, and short analytical notes.	

➤ **Course Learning Outcomes; -**

At the end of the course the learner will have ability –

- CO1. Develop a personal financial plan including budgeting and savings goals.
- CO 2. Compare and analyze investment options like fixed deposits, mutual funds, stocks, and real estate.
- CO 3. Evaluate the impact of interest rates, inflation, and government policies on investments.
- CO 4. Apply risk management, tax planning, and retirement strategies to optimize investment decisions.

➤ **Course Objective: -**

1. To understand personal financial planning, budgeting, and savings goals.
2. To analyze different investment options, their risks, and returns.
3. To study the impact of government policies, interest rates, and inflation on investments.
4. To learn retirement planning, tax-saving investments, and portfolio diversification strategies.

➤ **Reference: -**

1. Dr. S. K. Gupta ,Personal Finance and Investment Planning , Nirali Prakashan 2021
2. Dr. B. K. Jadhav, Financial Planning in India, SBPD Publications ,2020
3. Dr. R. K. Sharma & Dr. P. L. Mehta, Financial Management, Himalaya Publishing, 2019
4. Prasanna Chandra, Investment Analysis and Portfolio Management, Tata McGraw Hill — 2022



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T.Y. B.A. Economics Syllabus

CBCS Semester Pattern

Under Autonomy and NEP-2020 To Be Implemented from Academic Year 2026-2027

SEMESTER VI

On Job Training Program (OJT)

ECOJP-351 – On Job Training Programme

- **The types or methods of OJT for students.**

On-the-job training (OJT) is one of the most influential and well-established ways of teaching students the skills and knowledge needed to work in a professional environment. Lack of OJT often reduces the chances of a smooth transition between university and the labour market. As a result, several organizations give OJT to students before appointing them to full-time job positions.

1. Internship, 2. Apprenticeship, 3. Job shadowing, 4. Online learning modules

1. Eligibility for OJT/Internship Programme –

The students who have sought admission in the M.A. Economics for semester-II. Under Choice Based Credit System need to undergo „On Job Training/Internship Programme“. The OJT or Internship Programme is compulsory to all PG students of Economics.

2. Nature on-job training/Internship Programme -

A student has to undergo sixty hours of practical training in various business establishments. In case, a student is unable to join the enlisted establishment, he/ she can choose an establishment in consultation with the concerned teacher. 3. Salient features of on-job training/Internship Programme –

The fundamental framework of OJT / Internship is as below:

- A. The on-job training or internship is of 4 credits and 100 marks.
- B. The OJT/ Internship should be in the form of practical examination of PG students of semester-II only.
- C. The on-job training/ Internship will be of sixty clock hours.
- D. The on-job training Programme is based on the contents of the syllabus prescribed for M.A.-I. The on-job training Programme has to be completed before the Semester III Examination
- E. In case of backlog, he/ she can complete the on-job training prior to appearing for the semester III examination.
- F. Successful completion of the on-job training Programme is mandatory, in case a student could not complete the on-job training as per prescribed standards, he/ she has to undergo the on-job training or internship Programme again in different establishment.

- G. A student is entitled to a „Completion Certificate“ after successful completion of the on-job training/ internship Programme.
- H. The on-job training / internship provider establishment may select the apprentice student for regular employment depending on the skill set and nature of performance exhibited by the student.
- I. A student is solely responsible for his behaviour in the business establishment during the on-job training/ internship Programme

A. Framework of the for On-Job Training/ Internship Programme: -

1. The area in which a student has to undergo On-Job-Tanning/internship Programme (Contents of the On-job-Tanning Programme) will be finalized by the concerned subject teacher in consultation with the OnJob-Tanning/internship Programme providing organization.
2. It is essential to ensure that all key contents of the syllabus of semester-I, II and III & IV are incorporated in the framework of the On-JobTanning/Internship Programme.
3. This will help a student to have hands - on experience of the important aspects of the Special Subject chosen by him / her.
4. The contents of the On-Job-Tanning Programme should be adequate and a student should be able to understand various concepts and put it into practice within a time frame of sixty hours.

➤ **Evaluation and credits:-**

The On Job Training/Internship Programme in form of practical's and practical examination of Special Subjects –for semester II However, The 4-credits and 100 marks allotted to final examination „On Job Training/Internship Programme. The process of evaluation has been restructured as below: Process of Evaluation- Semester II

The process of evaluation has been restructured as below:

Process of Evaluation- Semester VI

Semester-VI				
Internal examiner	External examiner	Total Marks	Duration	Credit
Marks - 50	Marks - 50	100	60 Hour's	Hour's 4

➤ **Course Learning Outcomes; -**

At the end of the course the learner will have ability –

CO1. Apply theoretical knowledge in practical work settings.

CO 2. Demonstrate job-specific technical and soft skills effectively.

CO 3. Analyze organizational workflows and contribute to process improvements.

CO 4. Exhibit professional behavior, teamwork, and problem-solving capabilities in a workplace environment.

➤ **Course Objective: -**

1. To provide practical exposure to real workplace environments.
2. To develop job-specific skills and professional competencies.
3. To understand organizational processes, work culture, and industry practices.
4. To enhance problem-solving, decision-making, and analytical abilities in real situations.

Department of Economics