

T.Y.B.A Semester V and VI Economics Syllabus



Hindi Vidya Prachar Samiti's
Ramniranjan Jhunjhunwala College
of Arts, Science & Commerce
(Empowered Autonomous College)

Affiliated to
the
UNIVERSITY OF MUMBAI

Syllabus for the T.Y.B.A
Program: B.A. ECONOMICS

Program Code:

Sem V and VI

Paper Code : RJVSCECO

National Education Policy (NEP 2020)

Level 5.5

(Revised in 2025-26 in alignment with the NEP 2020 facilitating the inter and multidisciplinary learning and multiple entry and exit of the student)

(CBCS 2025-26)

T.Y.B.A Semester V and VI Economics Syllabus

THE PREAMBLE

Why Economics

Economics is a dynamic subject having its existence in all walks of life. Since linked with multiple disciplines such as Politics, Sociology, Administration, Foreign affairs, market analysis, statistics, Psychology, it provides better understanding of the world around.

It well equips the students with varied skill sets helpful to face the world. Study of Economics exposes to the use of numerical tools like Mathematical Economics, statistics. Analytical skills are honed by the application of economic theory to the solving of the problem of the real world. It also develops communication skills of presenting ideas in a well-defined framework which are supported by evidences in the form of complex data sets.

A degree in Economics improves the employability in the job market since graduates in Economics are required by all the sectors including industry, banking and finance and even agriculture. Even the administrative services need people who are graduates in Economics.

Why Economics in RJ College

Department of Economics in R. J. College was established in 1963 at the time of establishment of the college. The department offers updated syllabus at UG level for both the Arts as well as Commerce faculties. Along with the classroom teaching many cocurricular activities are undertaken by the department. An annual inter collegiate students' festival along with activities like research survey competition, essay competition, talks by eminent personalities from the various fields of Economics are organised to facilitate blooming of students' potentials. Value added courses conducted by the department which impart employability skills among the students are an added advantage. Field trips, seminars are also organised to widen the students' horizons. With the students' centric approach at the core, the faculty of the department is committed to the best delivery of knowledge and adopting best practices of teaching-learning and evaluation.

T.Y.B.A Semester V and VI Economics Syllabus

Our Curriculum Your Strength

Syllabus of Economics for all the six semesters is an appropriate blend of theory, applications and numerical tools. Different papers in six semesters cover diverse sub disciplines in Economics. Detailed study of Micro and Macro Economics creates a strong theoretical foundation to study the specialised branches of the discipline. Through the study of Corporate Finance and Financial Markets, two diverse yet essential components of finance are studied. Development Economics highlights and make aware the students about the sustainable development approaches. Process of Research and its tools such as statistics are also an integral part of the syllabus which impart analytical and numerical skills to the students. Knowledge of International Economics develops a deeper understanding of the changing world trade and Cooperation among countries.

T.Y.B.A Semester V and VI Economics Syllabus

PROGRAMME OUTCOMES (POs) FOR B.A. ECONOMICS

Programme outcome refers to the overall characteristic an individual is supposed to acquire on the completion of the three-year degree program in Bachelor of Arts. The attributes based on acquisition, accumulation and processing of knowledge of the particular subject are transferable beyond the discipline and useful in different domains of life.

- **Critical thinking:**

Capability to generate an analytical frame of mind in terms of application of concepts, theories and methods, formulate questions and quest to seek solutions to the problems.

- **Effective communication:**

Language proficiency and writing skills, development of verbal abilities.

- **Awareness of social problems:**

It refers to the study of social and economic problems

- **Bridging the gap between theory and reality:**

It refers to the application of comprehensive understanding of the disciplinary knowledge acquired during the degree programme.

- **Development of perspectives on varied issues through self-learning**

Ability to evaluate the problems, identify the logical flaws, skillful application of research methods and generate and understand data sets.

- **Social interaction and inculcating tolerance to differences**

Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team.

- **Personal development through lifelong learning**

Capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems.

- **Good citizenship**

Empathise with the marginalised and weaker sections of the society. Ability to embrace moral/ethical values in conducting one's life, formulates a position/argument about an ethical issue from multiple perspectives and use ethical practices in all work.

T.Y.B.A Semester V and VI Economics Syllabus

Programme Specific Outcomes (PSOs)

The following programme specific outcome of Economics are:

PSO1: Students will learn to apply economic principles and develop knowledge of economic system.

PSO2: Course intends to inculcate analytical skills among the students through interpretation of data tables, causal relationship between socio-economic issues and policies.

PSO3: Shaping the students' mindset for research by giving them hands-on experience of research process.

PSO4: Students are oriented to the evolution of economic ideas and thoughts.

PSO5: Nurturing subject interest for encouraging students in taking up higher studies in economics.

PSO6: Students get awareness of current scenario of dynamics of the Indian economy.

PSO7: Students are sensitized to the global and local environmental issues and the concept of sustainable economic development.

PSO8: Students are equipped with mathematical and statistical tools.

PSO9: Students are familiarized with the alternative approaches to economic problem.

PSO10: Students will develop appropriate skills for self-employment.

T.Y.B.A Semester V and VI Economics Syllabus

DISTRIBUTION OF TOPICS AND CREDITS

T.Y.B.A. ECONOMICS SEMESTER V

Course	Nomenclature	Credits	Topics
RJVSCECO351	Corporate Finance	4	1. Overview of Corporate Finance 2. Modern Sources of Corporate Finance 3. Financial Statements 4. Ratio Analysis

T.Y.B.A. ECONOMICS SEMESTER VI

RJVSCECO361	Introduction to Quantitative Techniques	2	1. Derivative and their applications in various areas of economic analysis 2. Elementary probability theory
-------------	---	---	---

TYBA Economics Syllabus Semester V & VI

SEMESTER V		L	Cr
CORPORATE FINANCE	Paper Code: RJVSCECO351	60	4
UNIT I		15	
OVERVIEW OF CORPORATE FINANCE			
Corporate Finance: Meaning, Principles and Goals-Agency Problem and the Control of the Corporation (Corporate Governance)- Role and Functions of Financial Manager- Forms of Business Organisations: Sole Proprietorship, Partnership, Corporation			
UNIT II		15	4
MODERN SOURCES OF CORPORATE FINANCE			
Types of debentures, Warrants, Differential Shares, Securitised Paper, Collateralised Debt Obligations, Types of bonds			
UNIT III		15	4
FINANCIAL STATEMENTS			
Role and Significance of Financial Statements- Basic Concepts and Composition of Balance Sheet -Basic Concepts and Composition of Income Statement- Basic Concepts and Composition of Cash Flow Statement			
UNIT IV		15	4
RATIO ANALYSIS			
Meaning, Significance and Limitations of Ratio Analysis. Types of Ratios: Liquidity Ratios (Current and Quick/ Acid Test) - Turnover on Asset Management Ratios (Inventory Turnover, Fixed Assets Turnover and Total Assets Turnover)- Debt Management or Financial Leverage Ratios (Debt and Debt Equity) and Profitability Ratios (Gross Profit Margin, Net Profit Margin, Return Total Assets) – Interpretation of the Result			

TYBA Economics Syllabus Semester V & VI

T.Y.B.A.	Semester V
Corporate Finance RJVSCECO351	Course outcome: 1. To acquaint the students to the meaning and forms of business organisations and their functioning 2. To introduce the students to the various contemporary sources of finance 3. To make students understand various forms of financial records 4. To train the students to analyse the performance of the firm and thereby assess the financial health of the firm. Learning outcome: ➤ Students will develop a perspective of managing finances of the firms. ➤ Information about corporate finance will create awareness and students will acquire hands on experience of handling a firm's finances.

TYBA Economics Syllabus Semester V & VI

Course Outcome Number	Course outcome	PSO Addressed	BLOOMS LEVEL
CO1	To acquaint the students to the meaning and forms of business organisations and their functioning	PSO1, PSO2, PSO 5, PSO6	1,2,3
CO2	To make students understand contemporary sources of finance	PSO1, PSO2, PSO5, PSO6, PSO8, PSO10	1,2,3,4
CO3	To make students understand various forms of financial records	PSO1, PSO2, PSO3, PSO5, PSO8, PSO10	1,2,3,4, 5
CO4	To train the students to analyse the performance of the firm and thereby assess the financial health of the firm.	PSO1, PSO2, PSO3, PSO5, PSO8, PSO 10	1,2,3,4, 5

References:

1. Bodie Z. et.al. (2009), Financial Economics, Pearson Education, New Delhi
2. Damodaran Aswath (2007): Corporate Finance Theory and Practice, Wiley Series in Finance: New York
3. Rustogi R.P. (2005): Financial Management, Galgotia Publishing Co. New Delhi
4. Watson, Denzil and Antony Head (2001): Corporate Finance: Principles and Practices, Pearson Education Ltd. Singapore
5. Chandra,Prasanna(1993) Fundamentals of Financial Management, Tata Mc Graw- Hill Publishing Co. Ltd. New Delhi
6. Chandra,Prasanna Finance Sense, Tata Mc Graw- Hill Publishing Co. Ltd. New Delhi
7. Brealy Meyer; Principles of Corporate Finance 8th edition, Tata Mc Graw- Hill Publishing Co. Ltd. New Delhi
8. Kuchhal S.C. (2005): Financial Management, Chaitanya Publishing House: Allahabad
9. Ross Stephen, Randolph W., Westerfield, Bradford D. Jordan (2008): Fundamentals of Corporate Finance 8th edition, Tata MCGraw Hill Publishing Co.Ltd. New Delhi
10. Mathur, B.L. (2001): Elements of Finance, R.B.S.A.Publishers : Jaipur

TYBA Economics Syllabus Semester V & VI**PROPOSED QUESTION PAPER PATTERN**

The performance of the learners shall be evaluated into two parts. The learner's performance shall be assessed by Internal Assessment of 40 marks and External Assessment or the Semester End Examination of 60 marks. The allocation of marks for the Internal Assessment and Semester End Examination are as shown below:

1. Minimum marks for passing Semester End Theory and Practical Exam is 40 %.
2. Students must appear for at least one of the two Internal Tests to be eligible for the Semester End Examination.

PROPOSED QUESTION PAPER PATTERN

The performance of the learners shall be evaluated into two parts. The learner's performance shall be assessed by Internal Assessment of 40 marks and External Assessment or the Semester End Examination of 60 marks. The allocation of marks for the Internal Assessment and Semester End Examination are as shown below:

(A) Internal Assessment: 40 marks

Sr. No.	Evaluation Particulars	Marks
1	MCQ/ True or False/ Define/ Concepts/Short Answers	20
2	Projects / Assignments / Quiz on Module 5 (Application Module)	20

TYBA Economics Syllabus Semester V & VI

(B) Semester End Examination : 60 Marks
Maximum Marks : 60 Marks
Time : Two Hours

Note: 1) Attempt all questions
2) All Questions carry equal marks
3) Answer any two from each question.

Question Number	Unit	Particulars	Answer	Marks
Q.1	1	A) Full Length B) Full Length	Any One	15
Q.2	2	A) Full Length B) Full Length	Any One	15
Q.3	3	A) Full Length B) Full Length	Any One	15
Q4	4	A) Full Length B) Full Length	Any One	15

TYBA Economics Syllabus Semester V & VI

SEMESTER VI		L	C r
INTRODUCTION TO QUANTITATIVE TECHNIQUES	RJVSCECO361	30	2
<i>UNIT I</i>		15	
<i>DERIVATIVE AND THEIR APPLICATIONS IN VARIOUS AREAS OF ECONOMIC ANALYSIS</i>			
SET Theory - Derivatives - Higher order derivatives - Increasing and decreasing functions, Necessary and sufficient conditions for maxima and minima – partial derivatives			
<i>UNIT II</i>		15	
<i>ELEMENTARY PROBABILITY THEORY</i>			
Concept of random experiment / trail and possible outcomes; Sample space and discrete sample space; Events and their types, Algebra of events, Mutually exclusive and exhaustive events, Complimentary events; Conditional probability			

TYBA Economics Syllabus Semester V & VI

T.Y.B.A.	Semester VI Theory
RJVSCECO361 Introduction to Quantitative Techniques	Course outcome: 1. Familiarisation to the methods of mathematics for economic application 2. Introduction to inferential statistical tools like probability, random variable etc. Learning outcome: ➤ Application of mathematical tools for economic principles and concepts. ➤ Understanding the basics of statistical tools for economic analysis.

COURSE OUTCOME NUMBER	Course outcome	PSO Addressed	BLOOMS LEVEL
CO1	Familiarisation to the methods of mathematics for economic application	PSO1, PSO2, PSO5, PSO8, PSO9	1,2,3,4,5
CO2	Introduction to basic statistical tools like probability, random variable etc.	PSO1, PSO2, PSO5, PSO8, PSO9	1,2,3,4,5

TYBA Economics Syllabus Semester V & VI

References:

1. Dowling Edward T: Introduction to Mathematical Economics, Schaum Outline Series in Economics, Tata McGraw -Hill, New Delhi, 2004
2. Lerner Joel J and P. Zima: Theory and Problems of Business Mathematics, McGraw Hill, New York, 1986.
3. Dowling Edward T: Theory and Problems of Mathematical Methods for Business and Economics, McGraw –Hill, 1993
4. Pfitzner Barry C.: Mathematical Fundamentals of Microeconomics, biztantra, New Delhi, 2003.
5. Gupta S.P.: Statistical Methods, S. Chand, New Delhi,
6. Sancheti D.C. and V.K. Kapoor: Statistics-Theory, Methods and Applications, S. Chand, New Delhi
7. Gujarati Damodar: Econometrics- Regression, Bloomberg India, New Delhi, 2022
8. Martin Anthony, Norman Biggs, Mathematics for Economics and Finance: Methods and Modelling, Publication New Delhi, Cambridge University Press 2017
9. Hatekar Neeraj: Principles of Econometrics – An Introduction (Using R), Sage Publication, New Delhi 2016

TYBA Economics Syllabus Semester V & VI**Scheme of Examinations**

1. Internal of 20 marks. Duration 30 minutes.
2. One External (Semester End Examination) of 30 marks. Duration 1 hour.
3. Minimum marks for passing Semester End Theory Exam is 40 %.

PROPOSED QUESTION PAPER PATTERN

The performance of the learners shall be evaluated into two parts. The learner's performance shall be assessed by Internal Assessment of 20 marks and External Assessment or the Semester End Examination of 30 marks. The allocation of marks for the Internal Assessment and Semester End Examination are as shown below:

(A) Internal Assessment: 20 marks

Sr. No.	Evaluation Particulars	Marks
1	Projects / Assignments / Quiz	20

(B) Semester End Examination:

Maximum Marks : 30 Marks
Time : One Hour

Note: 1) Attempt all questions
2) All Questions carry equal marks

Question Number	Unit	Particulars	Answer	Marks
Q.1	1	A) Full Length B) Full Length	Any One	15
Q.2	2	A) Full Length B) Full Length	Any One	15

TYBA Economics Syllabus Semester V & VI**Mapping of the courses to employability / entrepreneurship / skill development**

Class	Course name	Course Code	Unit No. And topics focusing on Employability / Entrepreneurship / Skill development	Employability / Entrepreneurship / Skill development
TYBA	VSC: Corporate Finance	RJVSCECO351	Unit I: Overview of Corporate Finance	1. Disciplinary Knowledge 2. Employability as an entrepreneur
TYBA	VSC: Corporate Finance	RJVSCECO351	Unit II: Modern Sources of Corporate Finance	1. Employability as Financial Analyst / Financial Manager/ 2. Useful in independently working as a financial consultant
TYBA	VSC: Corporate Finance	RJVSCECO351	Unit III: Financial Statements	1. Analytical skills 2. Problem solving 3. Employability as an entrepreneur and in accounting firms, Financial Risk Analyst
TYBA	VSC: Corporate Finance	RJVSCECO351	Unit IV: Ratio Analysis	1. Analytical skills 2. Employability in finance sector/ Accountant 3. Decision making skills
TYBA	VSC: Introduction to Quantitative Techniques	RJVSCECO361	Unit I: Derivative and Their Applications in Various Areas of Economics Analysis	1. Employability as Analyst, Researcher
TYBA	VSC: Introduction to Quantitative Techniques	RJVSCECO361	Unit II: Elementary Probability Theory	1. Employability as Analyst, Researcher

TYBA Economics Syllabus Semester V & VI**Mapping of Curriculum with cross cutting issues such as Professional ethics, gender, human values, environment and Sustainable Development Goals****TYBA**

Sr. No.	Name of the course	Course code	SDGs	Cross cutting issues addressed
1.	Corporate Finance	VSCECO351	SDG4	Corporate Ethics
2.	Introduction to Quantitative Techniques	RJVSCECO361	SDG4	-

Mapping of curriculum with relevance in local, regional, national and global developmental needs**TYBA**

Sr. No.	Course Code/Topic (Paper/Unit/Content)	Relevance
1.	VSCECO351 Corporate Finance Units I, II, III and IV	Local, Regional and National, Global
2.	RJDSCECO352 Economics of Development Unit I, III and IV	Local, Regional, National, Global