



# Syllabus

## Second Semester Courses in ECONOMICS

### (November 2025 onwards)

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**APPROVED SYLLABUS**

PRINCIPAL  
ST. XAVIER'S COLLEGE  
(AUTONOMOUS)  
MUMBAI - 400 001.

**Introductory Microeconomics: Pricing Theories-Product Market**

Credits: 4

Number of lectures: 60

**Course Objectives:**

1. To identify and assess various objectives of the firms and markets.
2. To apply microeconomic concepts to concrete situation (PROJECTS)

**Course Outcomes (COs):**

Sr. No.	On completing the course, the student will be able to:	PSOs addressed	Cognitive levels
CO 1	To understand perfect competition mechanism	1,5	R, U
CO 2	To understand equilibrium under imperfect markets	1,5	R, U
CO 3	To understand pricing with market power	1,5	R, U
CO 4	To understand pricing in factor markets	1,5	R, U

**UNIT I: Equilibrium under Perfect Competition****[15 lectures]**

1. Objectives of the firm: Profit max, Sales max, Utility max
2. Understanding market supply in the short run and long run
3. Short-run and long-run equilibrium of a firm and industry under Perfect Competition
4. Competitive markets: Applications and welfare implications

**UNIT II: Equilibrium under Imperfect Competition****[15 lectures]**

1. Monopoly and market power; Short run and long run equilibrium
2. Understanding the difference between monopoly, duopoly and oligopoly
3. Product differentiation and monopolistic competition
4. Understanding Excess Capacity



**UNIT III: Pricing with Market Power**

**[15 lectures]**

1. Price Discrimination: First, Second and Third Degree
2. Peak load pricing and Two-part Tariff Pricing
3. Bundling and Tying; International dumping.
4. Bilateral Monopoly

**UNIT IV: Theory of Factor Pricing**

**[15 lectures]**

1. Factor markets: Short run and Long run equilibrium
2. Demand and Supply of Labour: VMP, MRP and MFC
3. Wage determination under perfectly and imperfectly competitive markets
4. Role of Trade unions; Wage determination under collective bargaining

**Basic Reference Books**

1. Pindyck, Robert and Rubinfeld, Daniel (2022), Microeconomics, 9th Edition, Pearson Education, New Jersey
2. Salvatore, D. (2003), Microeconomics, Oxford University Press.
3. Varian, Hal R., (2014). Intermediate microeconomics: a modern approach. W.W. Norton & Company, New York.
4. B Douglas Bernheim and Michael D. Whinston (2014), Microeconomics, McGraw-Hill-Crete, New York.
5. Nicholson, W. and Snyder, C. (2008) Microeconomic Theory Basic Principals and Extensions. 10th Edition, Thomson South-Western, Mason
6. Mankiw, N. G. (2002), Principles of Economics, Thomson Asia Pte. Ltd., Singapore.
7. Ahuja, H. L. (2012), Advanced Economic Theory, S. Chand & Company, New Delhi
8. Koutsoyiannis, A. (1980) Modern Microeconomics, Macmillan Press Ltd, London.

**Evaluation (Core Theory): Total marks per course – 100**

- I. Formative Assessment ‘for’ Learning (continuous internal assessment - CIA to improve learning).
  - a. CIA- 40 marks
  - b. CIA 1: Written test -20 marks
  - c. CIA 2: Assignment -20 marks
- II. Summative Assessment ‘of’ Learning (focus on outcomes, quantitative data for outcomes of instruction).
  - a. End Semester Examination – 60 marks
  - b. One question from each unit for 15 marks, with internal choice.



Template for the Core course End Semester examination in Semester 2:

UNITS	KNOWLEDGE	UNDERSTANDING	APPLICATION and ANALYSES	TOTAL Per unit
1	5	3	2	10
2	10	6	4	20
3	10	6	4	20
4	5	3	2	10
-TOTAL - Per objective	30	18	12	60
% WEIGHTAGE	50%	30%	20%	100%



F.Y.B.Sc. (ECONOMICS)-Minor

Course Code: USECO4502MN1

**Microeconomics-II**

Credits: 4

Number of lectures: 60

**Course Objectives:**

1. To understand the various objectives of the firm
2. To apply the concept of equilibrium in the long run and short run periods
3. To apply pricing strategies to the factor market
4. To analyze pricing with market power

**Course Outcomes (COs):**

Sr. No.	On completing the course, the student will be able to:	PSOs addressed	Cognitive levels
CO 1	To understand the various objectives of the firm	1,4,5	R, U, An
CO 2	To understand long run and short run equilibrium under perfect competition	1,4,5	R, U, An
CO 3	To understand equilibrium under imperfect markets	1,4,5	R, U, An
CO 4	To understand pricing strategies to the factor market	1,4,5	R, U, An

**UNIT I: Theory of the firm****[15 lectures]**

1. Objectives of the firm (Profit and Sales Maximization)
2. Break even analysis
3. Pricing methods (Marginal Cost and Full Cost Analysis)

**UNIT I: Equilibrium under Perfect Competition****[15 lectures]**

1. Understanding market supply in the short run and long run
2. Short-run and long-run equilibrium of a firm under Perfect Competition
3. Equilibrium of an industry under Perfect Competition
4. Competitive markets: Applications and welfare implications

**UNIT II: Equilibrium under Imperfect Competition****[15 lectures]**

1. Monopoly and market power; Short run and long run equilibrium
2. Price discrimination and International Dumping
3. Understanding the difference between monopoly, duopoly and oligopoly
4. Monopolistic competition; understanding Excess Capacity

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**UNIT IV: Factor Markets**

[15 lectures]

1. Factor pricing in perfectly and imperfectly competitive markets.
2. Wage determination; Collective Bargaining
3. Risk, Uncertainty and Profits
4. Economic Rents

**Basic Reference Book**

1. Pindyck, Robert and Rubinfeld, Daniel (2022), Microeconomics, 9th Edition, Pearson Education, New Jersey
2. Salvatore, D. (2003), Microeconomics, Oxford University Press.
3. Varian, Hal R., (2014). Intermediate microeconomics: a modern approach. W.W. Norton & Company, New York.
4. B Douglas Bernheim and Michael D. Whinston (2014), Microeconomics, McGraw-Hill-Crete, New York.
5. Nicholson, W. and Snyder, C. (2008) Microeconomic Theory Basic Principals and Extensions. 10th Edition, Thomson South-Western, Mason
6. Mankiw, N. G. (2002), Principles of Economics, Thomson Asia Pte. Ltd., Singapore.
7. Ahuja, H. L. (2012), Advanced Economic Theory, S. Chand & Company, New Delhi
8. Koutsoyiannis, A. (1980) Modern Microeconomics, Macmillan Press Ltd, London.

**Evaluation (Minor Theory): Total marks per course – 100**

- I. Formative Assessment ‘for’ Learning (continuous internal assessment - CIA to improve learning).
  - a. CIA- 40 marks
  - b. CIA 1: Written test -20 marks
  - c. CIA 2: Assignment -20 marks
- II. Summative Assessment ‘of’ Learning (focus on outcomes, quantitative data for outcomes of instruction).
  - a. End Semester Examination – 60 marks
  - b. One question from each unit for 15 marks, with internal choice

Template for the minor course End Semester examination in Semester 2:

UNITS	KNOWLEDGE	UNDERSTANDING	APPLICATION and ANALYSES	TOTAL MARKS- Per unit
1	8	4	3	15
2	8	4	3	15
3	8	4	3	15
4	8	4	3	15
-TOTAL - Per objective	32	16	16	60
% WEIGHTAGE	53.33	26.66	26.66	100%

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**Mathematics for Economic Analysis**

Credits: 2

Number of lectures: 30

**Course Objectives:**

1. To teach fundamental concept of calculus
2. To explain application of calculus concepts in economics
3. To explain to evaluate definite and indefinite integrals using different techniques.
4. To explain how to solve optimisation problems

**Course Outcomes (COs):**

Sr. No.	On completing the course, the student will be able to:	Cognitive levels
CO 1	To learn how to differentiate and integrate functions.	Understanding
CO 2	To learn the use of derivatives to calculate the slope of the tangent and rates of change.	Remembering
CO 3	To learn how to use integration to calculate area under the curve	Understanding
CO 4	To apply the concept of calculus in economics.	Applying

**UNIT I:** Foundations of Calculus

1. Laws of Limits
2. Testing the Continuity of functions
3. Definition of the derivatives: Average and Instantaneous Rates of Change
4. Basic rules of differentiation and Applications of derivatives; Optimisation

**UNIT II:** Partial Derivatives and Integral Calculus

1. Partial Derivatives
2. Constrained and Unconstrained Optimisation
3. Definite and Indefinite Integrals
4. Integrating Functions: Substitution Method and Integration by Parts

**Basic Reference Books**

1. Dowling, E. T. (2001). *Theory and problems of introduction to mathematical economics*. MC Graw Hill Education.
2. Hammond, P. J., & Sydsaeter, K. (2002). *Essential Mathematics for Economic Analysis*. Financial Times/Prentice Hall.



**Evaluation (VSC Theory): Total marks per course – 50**

- I. Formative Assessment 'for' Learning (continuous internal assessment - CIA to improve learning).  
CIA- 20 marks
- II. Summative Assessment 'of' Learning (focus on outcomes, quantitative data for outcomes of instruction).  
End Semester Examination – 30 marks

Template for the VSC course End Semester examination in Semester 2:

UNITS	KNOWLEDGE	UNDERSTANDING	APPLICATION and ANALYSES	TOTAL MARKS- Per unit
1	8	4	3	15
2	8	4	3	15
-TOTAL - Per objective				30
% WEIGHTAGE	50	25	25	100%



**Introduction to Indian Economy**

Credits: 2

Number of lectures: 30

**Course Objectives:**

3. To introduce various aspects of Indian economy and related issues.
4. To encourage students to understand the challenges and opportunities in Indian economy.

**Course Outcomes (COs):**

Sr. No.	On completing the course, the student will be able to:	PSOs addressed	Cognitive levels
CO 1	Understand the fundamentals of Indian Economy	1,2,4	R, U, An
CO 2	Understand the policy framework of India Economy	1,2,4	R, U, An

**UNIT I: Indian Economy since Independence**

[ 15 lectures]

1. Historical review of economy in India since 1947
2. Planning in India: Planning Commissions, Finance Commissions, Niti Aayog
3. Economic Reforms in India since 1991
4. Agricultural, Industrial and Services Growth: Issues in Development

**UNIT II: Issues in Indian Economic Policy**

[ 15 lectures]

5. Unemployment and Poverty
6. Credit and Monetary Policy: Repo Rate, Reverse Repo
7. External Sector: Balance of Payments, Exchange Rate Policy
8. Analysis of the Union Budget

**Basic references:**

1. Kapila, U. (Ed.). (2008). *Indian Economy since independence*. Academic Foundation.
2. Singh, R. *Indian Economy*. McGraw-Hill. 15<sup>th</sup> Edition.
3. Misra, S. K., & Puri, V. K. (2005). *Indian economy* (Vol. 888). Himalaya Publishing House.

**Additional Reference Books/ Reports/ Publications:**

13. Annual Report, RBI
  14. Economic Survey of India
  15. Central Statistical Organization Reports and Publications
  16. International Monetary Fund (IMF), Report
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17. World Bank Report
18. Financial Stability Report, RBI
19. Department of Cyber Security Report, Government of India
20. Ministry of External Affairs, Government of India, Annual Reports
21. Bhagwati, J. & Desai, P. 'India: Planning for Industrialization' 10. Dutt, G. & Sundaram, k. 'Indian Economy', S. Chand and company
22. Patnaik, P. 'Some Indian debates on planning', OUP
23. Ahluwalia, M. State - level Performance under economic reforms in India, University of Chicago Press
24. Dreze, J. & Sen, A. 'Economic Development & Social Opportunity', Oxford University Press.

**Evaluation (OE): Total marks per course - 50.**

Formative Assessment 'for' Learning (continuous internal assessment - CIA to improve learning).

**CIA- 20 marks**

Summative Assessment 'of' Learning (focus on outcomes, quantitative data for outcomes of instruction).

**End Semester Examination – 30 marks**

Template for the OE course End Semester examination in Semester 2:

UNITS	KNOWLEDGE	UNDERSTANDING	APPLICATION and ANALYSES	TOTAL MARKS- Per unit
1	8	4	3	15
2	8	4	3	15
-TOTAL - Per objective	16	8	6	30
% WEIGHTAGE	53.33%	26.66%	20%	100%



F.Y.B.A. (ECONOMICS)-OE

Course Code: UAECO4503OE1

**Fundamentals of Financial Analysis for Economic Studies**

Credits: 2

Number of lectures: 30

**Course Objectives:**

1. To explain the fundamental principles and concepts underlying financial statement analysis.
2. To teach analysis of a company's financial position by interpreting the balance sheet.
3. To teach how to calculate and interpret key balance sheet ratios.
4. To analyze a company's profitability and operating performance by interpreting the income Statement.

**Course Outcomes (COs):**

Sr. No.	On completing the course, the student will be able to:	Cognitive levels
CO 1	To understand the fundamental principles of financial accounting and the purpose of financial statements.	Understanding
CO 2	To learn how to evaluate the financial health and performance of a company using various financial ratios and analytical techniques.	Analysis
CO 3	To apply financial statement analysis to valuation, credit analysis, and investment decision-making.	Applying
CO 4	Use financial statement analysis to identify potential opportunities and risks.	Analysis

**UNIT I: Foundations of Financial Accounting**

1. Understanding Balance Sheet: assets, liabilities, and equity.
2. Analyzing the Balance Sheet for financial health
3. Income Statement Analysis: Different types of income and expenses.
4. Revenue recognition and expense matching

**UNIT II: Statement of Cash Flows and Ratio Analysis**

1. Operating, investing, and financing activities
2. Analyzing cash flow patterns
3. Ratio Analysis: Liquidity, Profitability, Solvency and Efficiency
4. Benchmarking against industry peers.

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**Basic Reference Books/ Reports/ Publications**

1. Jaffe, J., Ross, S. & Randolph Westerfield, R. (2024). *Corporate finance*. Tata McGraw-Hill Education.
2. Brealey, R. A., Myers, S. C., & Marcus, A. J. (2023). *Fundamentals of corporate finance*. McGraw-Hill.

**Additional Reference Books/ Reports/ Publications**

1. Berk, J., DeMarzo, P., Harford, J., Ford, G., Mollica, V., & Finch, N. (2013). *Fundamentals of corporate finance*. Pearson Higher Education AU.
2. Damodaran, A. (2007). *Corporate finance: Theory and practice*. John Wiley & Sons.

Evaluation (OE): Total marks per course – 50

- c. Formative Assessment ‘for’ Learning (continuous internal assessment - CIA to improve learning).

CIA- 20 marks

- d. Summative Assessment ‘of’ Learning (focus on outcomes, quantitative data for outcomes of instruction).

End Semester Examination – 30 marks

Template for the OE course End Semester examination in Semester 2:

UNITS	KNOWLEDGE	UNDERSTANDING	APPLICATION and ANALYSES	TOTAL MARKS- Per unit
1	8	4	3	15
2	8	4	3	15
-TOTAL - Per objective				30
% WEIGHTAGE	50	25	25	100%

