



# Syllabus

## FIFTH Semester

### Courses in ECONOMICS

#### (June 2025 onwards)

#### Contents:

##### Syllabus for Core Theory:

- UAECO5501CR1: Advanced Microeconomics: Game Theoretic Approach
- UAECO5502CR1: Growth & Development: Theoretical Analysis
- UAECO5503CR1: Mathematical Techniques for Economics

##### Syllabus for Elective Courses:

- UAECO5501 EL1: Advanced Econometrics
- UAECO5502 EL1: Evolution of Economic Thought

##### Syllabus for Minor (Arts):

- UAECO5501MN1: Economics of Development

##### Syllabus for Minor (Sciences):

- USECO5501MN1: Indian Public Finance

##### On Job Training (OJT)

- UAECO5501OJ1: On Job Training (OJT)

##### Evaluation and Assessment Guidelines

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**APPROVED SYLLABUS**

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

<b>T.Y.B.A. Economics</b>		
<b>Course Title: Advanced Microeconomics: Game Theoretic Approach</b> <b>Course Code: UAECO5501CR1</b>		
Credits: 4      No. of lectures: 60		
<b>No.</b>	<b>Course Objectives</b>	
1	To introduce the fundamentals of Game Theory and its application to microeconomic concepts	
2	To familiarize aspects of competition and collusion in simultaneous as well sequential games	
3	To examine the pareto optimality criterion and social welfare.	
4	To assess the existing asymmetry of information in economic processes and discuss appropriate responses of signalling and screening to equalize information	
<b>CO</b>	<b>Course Outcomes</b> <b>On completing the course, the learner will be able to</b>	<b>Bloom's Taxonomy Level (BT level)</b>
1	Understand the relevance of attitudes towards risk in decision making process	Understanding
2	Apply concepts of game theory and optimal strategies to oligopolistic markets	Applying
3	Analyse social welfare from the perspective of pareto optimal criterion as well as the compensation criterion	Analyzing
4	Evaluate incentives in contracts and job market signalling as information equalizing mechanisms	Evaluating



<b>UNIT I</b>		<b>Risk and Uncertainty</b>	<b>(15)</b>
	1.	Basics of Game Theory: Strategies and Normal Form	
	2.	Matrix Games: Dominance, Saddle Points and Mixed Strategies	
	3.	Attitudes towards Risk and Expected Utility	
	4.	Strategic moves for risk management	
<b>UNIT II</b>		<b>Oligopolistic Markets</b>	<b>(15)</b>
	1.	Simultaneous move games with complete information	
	2.	Nash Equilibria and Best response functions	
	3.	Duopoly with non-zero sum games: Cournot, Bertrand, Stackelberg	
	4.	Kinked Demand Curve Hypothesis, Collusion: Cartels and Price Leadership	
<b>UNIT III</b>		<b>General Equilibrium and Social Welfare</b>	<b>(15)</b>
	1.	Walrasian General Equilibrium	
	2.	Bargaining Games: Efficiency in Consumption and Production	
	3.	Pareto Optimality Criterion of Social Welfare	
	4.	Kaldor Hicks Compensation Criterion, Scitovsky Double Criterion, Arrow Impossibility Theorem	
<b>UNIT IV</b>		<b>Economics of Information</b>	<b>(15)</b>
	1.	Market Failures: Search costs, Information failure, missing markets, and Externalities	
	2.	Adverse selection: Market for lemons and illustrations in financial markets	
	3.	Risks and Incentives in Contracts: Principal-Agent Game in Industry	
	4.	Job Market Signalling and Reputation	

**Basic Reference:**

1. Pindyck, R, Rubinfeld and Mehta (2011), *Microeconomics* 8e, New York: Pearson Prentice Hall, 2013.
2. Ahuja, H. L. *Advanced Economic Theory: Microeconomic Analysis*. New Delhi: S Chand and Company Ltd., 2019.

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**APPROVED SYLLABUS**



3. Varian, Hal. *Intermediate Microeconomics*. New York: W.W. Norton and Company, Inc., 2014.

**Additional References:**

1. Salvatore, D., *Shaum's Outlines Microeconomics 4e*. New Delhi: Oxford University Press, 2006.
2. Jehle, Geoffrey and Reny, Philip. *Advanced Microeconomic Theory*. Essex: Pearson Education Ltd., 2011.
3. Perloff, Jeffery. *Microeconomics 8e*. Harlow: Pearson Education Ltd., 2018.
4. Bernheim, Douglas and Whinston, Michael. *Microeconomics 2e*. New York: McGraw-Hill/Irwin, 2014.
5. Gravelle, Hugh and Rees, Ray. *Microeconomics 3e*. Essex: Pearson Education Ltd., 2004.
6. Osborne, Martin and Rubinstein, Ariel. *Models in Microeconomic Theory*. Cambridge, UK: Open Book Publishers, 2020
7. Osborne, Martin and Rubinstein, Ariel. *A Course in Game Theory*. Cambridge, London: MIT Press, 1998.
8. Watson, Joel. *Strategy: An Introduction to Game Theory 3e*. New York: W.W. Norton and Company, Inc., 2013.
9. Dixit, Avinash; Skeath, Susan and Reiley, David. *Games of Strategy 4e*. New York: W.W. Norton and Company, Inc., 2015.

**Evaluation and Assessment:**

**Evaluation (Theory):**

**Total marks: 100 marks**

**Continuous Internal Assessment (CIA): 40 marks**

**CIA 1: Written test 20 marks**

**CIA 2: Project/Assignment: 20 marks**

**End Semester Examination: 60 marks**

Learning Levels	Remembering	Understanding	Analyzing	Application	Evaluation	Creation
% Weightage	10%	25%	30%	15%	15%	5%



<b>T.Y. B.A. Economics</b>		
<b>Course Title: GROWTH AND DEVELOPMENT: THEORETICAL ANALYSIS</b>		
<b>Course Code: UAECO5502CRI</b>		
Credits: 4		No. of lectures: 60
<b>No.</b>	<b>Course Objectives</b>	
1.	To describe the conceptual & practical differences between Growth and Development	
2.	To explain the methods to analyze Classical Growth models	
3.	To evaluate the development policies in underdevelopment countries	
4.	To apply different methods to measure poverty and inequality	
<b>CO</b>	<b>Course Outcomes</b> <b>On completing the course, the learner will be able to</b>	<b>Bloom's Taxonomy Level (BT level)</b>
1	To understand the conceptual & practical differences between growth and development.	Understanding
2	To analyze the classical growth models	Analyzing
3	To evaluate the growth and development policies in underdevelopment countries	Evaluating
4	To apply different methods to measure poverty and inequality	Applying



<b>UNIT I</b>		<b>Meaning of Development and Contemporary Concepts</b>	<b>(15)</b>
	1.	Distinction between growth and development	
	2.	Human Development Index and Gender Development Index	
	3.	Sen's capabilities approach, environmental sustainability and development	
	4.	Market and State as agencies of development	
<b>UNIT II</b>		<b>Classical Theories of Development</b>	<b>(15)</b>
	1.	Rostow's stages of growth	
	2.	Schumpeter's Theory of Development	
	3.	Harrod-Domar growth model, Solow's growth theory	
	4.	Structural change and Lewis' model of unlimited supply of labour	
<b>UNIT III</b>		<b>Contemporary Models of Development and Underdevelopment</b>	<b>(15)</b>
	1.	Theories of endogenous growth with special reference to Romer's model	
	2.	Coordination failure and Multiple Equilibria	
	3.	Big Push Theory	
	4.	Liebenstein's Theory of Critical Minimum Efforts	
<b>UNIT IV</b>		<b>Poverty, Inequality and Development</b>	<b>(15)</b>
	1.	Measurement of poverty – absolute and relative, Head-Count Index and Poverty Gap Indices	
	2.	Measurement of income inequality and its impact	
	3.	Economic growth and income inequality – Kuznet's inverted U hypothesis	
	4.	Sustainable Development Goals and Multidimensional Poverty Index	

**Basic Reference Books/ Reports/ Publications :**

1. Todaro, Michael P. and S. C. Smith. *Economic Development*, 8e. Delhi: Pearson Education, 2011.

2. Ray, Debraj, *Development Economics*, Oxford University Press India, ISBN: 9780195649000, 0195649001

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**Additional References:**

1. Misra, S.K. and Puri. *Growth and Development*. Mumbai: Himalaya Publishers, 2005.
2. Thirlwall, A.P. *Growth and Development* 8e. New York: Palgrave MacMillan, 2005.
3. Meier, Gerald M. and James E. Rauch. *Leading Issues in Economic Development*, 8e. New Delhi: Oxford Univ. Press.

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**Evaluation and Assessment:**

**Evaluation (Theory – Core course): Total marks per course 100 (for a 4-credit course)**

**Continuous Internal Assessment (CIA): 40 marks**

CIA 1: Written test - 20 marks

CIA 2: Case study - 20 marks

**End Semester Examination – 60 marks**

Learning Levels	Remembering	Understanding	Analyzing	Application	Evaluation	Creation
% Weightage	10%	25%	30%	15%	15%	5%



<b>T.Y. B.A. Economics</b>		
<b>Course Title: MATHEMATICAL TECHNIQUES FOR ECONOMICS</b>		
<b>Course Code: UAECO5503CR1</b>		
<b>Credits: 4</b>		<b>No. of lectures: 60</b>
<b>No.</b>	<b>Course Objectives</b>	
1.	To introduce mathematical tools and techniques for building economic models.	
2.	To explain the basics of linear algebra like matrices and systems of linear equations.	
3.	To introduce the basics of calculus like derivatives and integration.	
4.	To explain application of linear algebra and calculus in finding solutions to economic models.	
<b>CO</b>	<b>Course Outcomes</b> <b>On completing the course, the learner will be able to</b>	<b>Bloom's Taxonomy Level (BT level)</b>
1.	To develop the ability to approach economic problems analytically.	Analysing
2.	To learn skills for applying appropriate mathematical tools for the economic problems	Evaluating
3.	To understand the foundations of linear algebra and calculus.	Understanding
4.	To learn to represent economic concepts and relationships using mathematical equations.	Applying



<b>UNIT I</b>		<b>Linear Algebra</b>	<b>(15)</b>
	1.	Homogeneous and Non-Homogeneous Linear Equation Systems, Types of Solutions	
	2.	Matrices: Definition, Types and Matrix Operations, Matrix Solution to Linear Equation Systems	
	3.	Applications of Matrices: Finding Solutions to Economic Models.	
	4.	Applications of Eigenvalues and Eigenvectors in long term predictions.	
<b>UNIT II</b>		<b>Economic Applications of Derivatives</b>	<b>(15)</b>
	1.	Limits and Continuity: Definition, Evaluation of limits and continuity of functions.	
	2.	Derivatives: Definition and Rules of Differentiation.	
	3.	Applications of Derivatives in Economics: Marginal Rate of Technical Substitution, Duopoly Model, Rate of Growth	
	4.	Optimisation of Economic Functions.	
<b>UNIT III</b>		<b>Economic Applications of Partial Derivatives</b>	<b>(15)</b>
	1.	Geometrical Interpretation of Partial Derivatives	
	2.	Applications of Partial Derivatives Derivatives: Marginal Utility, Marginal Product, Constrained and Unconstrained Optimisation of Functions of Several Variables.	
	3.	Own and Cross Elasticities of Demand on Logarithmic Scale	
	4.	Homogeneous Functions; Euler's Theorem: Adding-Up Problem	
<b>UNIT IV</b>		<b>Economic Applications of Integrals</b>	<b>(15)</b>
	1.	Definite and Indefinite Integrals: Definition, rules of integration (power rule, substitution, integration by parts).	
	2.	Applications of Integral Calculus: Consumer's surplus and Producer's Surplus,	
	3.	Optimal Timing	
	4.	Present Value of Continuous Annuity	



**Basic Reference Books/ Reports/ Publications:**

1. Dowling, E. Schaum's Outline of Introduction to Mathematical Economics. McGraw Hill (2011)
2. Anthony M., & Biggs, N. Mathematics for Economics and Finance. Cambridge University Press (1996)
3. Chiang, A. Fundamental Methods of Mathematical Economics. McGraw- Hill(1984)
4. Asano, A. An Introduction to Mathematics for Economics. Cambridge University Press (2013)
5. Lay, D. Linear Algebra & Its Applications. Pearson (2012).
6. Defranza, J. & Gagliardi, D. Introduction to Linear Algebra. McGraw-Hill (2009).
7. Renshaw, G. Maths for Economics. Oxford University Press (2012).
8. Allen, RGD. Mathematical Analysis for Economists. Macmillan (1938).

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**Evaluation and Assessment:**

**Evaluation (Theory – Core course): Total marks per course 100 (for a 4-credit course)**

**Continuous Internal Assessment (CIA): 40 marks**

CIA 1: Written test - 20 marks

CIA 2: Field Project - 20 marks

**End Semester Examination – 60 marks**

Learning Levels	Remembering	Understanding	Analyzing	Application	Evaluation	Creation
% Weightage	10%	25%	30%	15%	15%	5%



<b>T.Y.B.A. Economics</b>		
<b>Course Title: ADVANCED ECONOMETRICS</b>		
<b>Course Code: UAECO5501EL1</b>		
<b>Credits: 4</b>		<b>No. of lectures: 60</b>
<b>No.</b>	<b>Course Objectives</b>	
1. 2. 3. 4.	To teach advanced theoretical concepts of econometrics. To explain the application of econometric techniques in economic modelling. To explain estimation techniques for qualitative and panel data. To teach econometric software package R for economic modeling.	
<b>CO</b>	<b>Course Outcomes</b> <b>On completing the course, the learner will be able to</b>	<b>Bloom's Taxonomy Level (BT level)</b>
1	To understand advanced techniques for conducting research in economic areas.	Understanding
2	To learn econometric estimation methods like instrumental variable and maximum likelihood estimation.	Analytical
3	To learn skills to conduct independent empirical research	Applying
4	To gain proficiency in using specialized econometric software packages for modelling economic data	Applying



<b>UNIT I</b>		<b>Simultaneous Equation Models</b>	<b>(15)</b>
	1.	Nature of Simultaneous Equation Models; The Identification Problem: The Order Condition of Identifiability	
	2.	Simultaneity Bias	
	3.	Recursive Models	
	4.	Estimation of Simultaneous Equation Models: Method of Indirect Least Squares, Instrumental Variables, Method of Two-Stage Least Squares	
<b>UNIT II</b>		<b>Qualitative Independent Variables</b>	<b>(15)</b>
	1.	Definition and uses of Dummy Variables	
	2.	Interaction Effects	
	3.	Piecewise Linear Regression	
	4.	Dummy Variables in Seasonal Analysis and Testing Structural Changes	
<b>UNIT III</b>		<b>Limited Dependent Variables</b>	<b>(15)</b>
	1.	Linear Probability Model	
	2.	Logit Model	
	3.	Probit Model	
	4.	Applications in R	
<b>UNIT IV</b>		<b>Panel Data Techniques</b>	<b>(15)</b>
	1.	Introduction to Panel and Pooled Data Techniques	
	2.	Fixed Effects Estimation	
	3.	Random Effects Models	
	4.	Estimation of Fixed Effects Least Squares Dummy Variable Regression and Random Effects Model in R	



**Basic Reference:**

1. Gujarati, D. & Sangeetha. Basic Econometrics. McGraw Hill (2011)
2. Brooks, C. Introductory Econometrics for Finance. Cambridge University Press (2019)
3. Stock, J. & Watson, M. Introduction to Econometrics. Pearson (2011).
4. Dougherty, C. Introductory Econometrics. Oxford University Press (2011).
5. Kleiber, C. & Zeileis, A. Applied Econometrics with R. Springer (2008).
6. Heij, C., Boer, P., Franses, P., Kloek, T., Dijk, H. Econometric Methods with Applications in Business and Economics. Oxford (2004).
7. Wooldridge, J. Introductory Econometrics. Cengage (2009).
8. G.S. Maddala. Introduction to Econometrics. Macmillan Publishing (1992)
9. Verbeek, M. A Guide to Modern Econometrics. John Wiley (2004)
10. Angrist J. & Pischke, J. Mostly Harmless Econometrics: An Empiricist's Companion. Princeton University Press (2009)
11. Franses, P. Enjoyable Econometrics. Cambridge University Press (2018)

**Evaluation and Assessment:**

**Evaluation (Theory – Core course): Total marks per course 100 (for a 4-credit course)**

**Continuous Internal Assessment (CIA): 40 marks**

CIA 1: Written test - 20 marks

CIA 2: Case study - 20 marks

**End Semester Examination – 60 marks**

Learning Levels	Remembering	Understanding	Analyzing	Application	Evaluation	Creation
% Weightage	10%	25%	30%	15%	15%	5%



<b>T.Y.B.A. Economics</b>		
<b>Course Title: EVOLUTION OF ECONOMIC THOUGHT</b>		
<b>Course Code: UAECO5502EL1</b>		
<b>Credits: 4</b>		<b>No. of lectures: 60</b>
<b>No.</b>	<b>Course Objectives</b>	
1	To analyze the contribution of Western economic thinkers	
2	To critique the theoretical contribution of thinkers based on the applicability.	
3	To learn the significance of various schools of economic thought in the evolution of economic theories.	
4	To evaluate the contribution of Indian economic thinkers in comparison with Western thought.	
<b>CO</b>	<b>Course Outcomes</b> <b>On completing the course, the learner will be able to</b>	<b>Bloom's Taxonomy Level (BT level)</b>
1	To learn the significance of various schools of thought in the evolution of economic theories	Understanding
2	To analyze the contribution of Western economic thinkers	Analyzing
3	To evaluate the theoretical contribution of thinkers based on the applicability.	Evaluating
4	To evaluate the contribution of Indian economic thinkers in comparison with Western thought.	Evaluating



<b>UNIT I</b>		<b>Pre-Classical And Classical Schools of thought</b>	<b>(15)</b>
	1.	Methods to study economic thought	
	2.	Pre- Classical school of thought: Mercantilism	
	3	Pre - classical school of thought: Physiocracy	
	4	Classical School of thought: Adam Smith, David Ricardo, Malthus	
<b>UNIT II</b>		<b>Neo-Classical Economic Thought</b>	<b>(15)</b>
	1.	1850 to World War II: J.S. Mills, Jevons, Walras, Marshall	
	2.	Marxian School of thought	
	3	Keynesian Economics	
	4.	Austrian and Chicago School Of Thought: Schumpeter, Joan Robinson, Leontieff	
<b>UNIT III</b>		<b>Post-Keynesian Economic Thought</b>	<b>(15)</b>
	1.	Hayek, Friedman, Samuelson	
	2.	Gunnar Myrdal, Joseph Stiglitz	
	3	Amartya Sen, Jean Dreze	
	4.	Jagdish Bhagvati	
<b>UNIT IV</b>		<b>Indian Economic Thought</b>	<b>(15)</b>
	1	Kautilya's Arthashastra	
	2	Colonial Period	
	3	Post-colonial thought	
	4	Contemporary Indian economic thought - C N Wakil, P R Brahmananda, Abhijit Sen	

**Basic Reference:**

1. Roll, Eric, A History of Economic Thought, Faber, London, (1973)
2. Hunt E.K., History of Economic Thought, Wodsworth, (1990)
3. Bhatia, H. L. History of Economic Thought, Vikas Publishing house, (2009)



### **Additional References**

1. Blaug, M, Economic Theory in retrospect, Cambridge University Press, Cambridge, (1997)
2. Dasgupta A.K., Epochs of Economic Theory, Oxford Univ Press New Delhi, (1985)
3. Ekelund and Hebert, A History of Economic Theory and Method, McGraw Hill Publication Co. New York, (1990)
4. Foley, Duncan, „Understanding Capital: Marx“s Economic Theory“, chapters 6 and 8, Cambridge, Mass.: Harvard University Press, 1986.
5. Haney, Lewis H., History of Economic Thought, Surjeet Publication, New Delhi, (1977)  
5th Semester Syllabus for Core and Applied Courses in Economics.St. Xavier’s College Autonomous, Mumbai.
6. Heilbroner, Robert, The Worldly Philosophers (7th edition), New York: Simon & Schuster, (1999)
7. John Kenneth Galbraith, A History of Economics: The Past as the Present, London: Hamish Hamilton, (1987).
8. Max Weber, “Objectivity and Understanding in Economics” in The Philosophy of Economics: An Anthology, second edition, ed. Daniel M. Hausman, Cambridge: Cambridge University Press, (1994).
9. Morgan M. S, A History of Economic Ideas, Cambridge Univ Press. U.K, (1990)
10. Oser Jacob and S. Brue, The Evolution of Economic Thought, Harcourt, New York, (1988)
11. Dasgupta, Ajit Kumar. A history of Indian economic thought. United Kingdom, Routledge, 1993.

### **Evaluation and Assessment:**

**Evaluation (Theory – Core course): Total marks per course 100 (for a 4-credit course)**

**Continuous Internal Assessment (CIA): 40 marks**

CIA 1: Written test - 20 marks

CIA 2: Assignment - 20 marks

**End Semester Examination – 60 marks**

Learning Levels	Remembering	Understanding	Analyzing	Application	Evaluation	Creation
% Weightage	10%	25%	30%	15%	15%	5%



<b>T.Y.B.A. (Minor)</b>		
<b>Course Title: Economics of Development</b>		
<b>Course Code: UAECO5501MN1</b>		
<b>Credits: 2</b>		<b>No. of lectures: 30</b>
<b>No.</b>	<b>Course Objectives</b>	
1. 2.	To get acquainted with crucial concepts of economic development To introduce different Growth theories and Development models.	
<b>CO</b>	<b>Course Outcomes</b> <b>On completing the course, the learner will be able to</b>	<b>Bloom's Taxonomy Level (BT level)</b>
1	Understand and interpret human development indices	Understanding
2	Analyze development models employed in different economies	Analyzing

<b>UNIT I</b>		<b>Conceptualization of Development</b>	<b>(15)</b>
	1	Evolution of Development Economics	
	2	Amartya Sen's capabilities approach	
	3	Measuring Development: HDI, GDI, MPI, GNH	
	4	Poverty, Inequality and Development	
<b>UNIT II</b>		<b>Theories of Economic Development</b>	<b>(15)</b>
	1.	Classical models for Economic Growth: Rostow, Harrod-Domar, Solow	
	2.	Structural models: Schumpeter's Theory, Lewis Model	
	3.	New Growth theories	
	4.	Balanced and Unbalanced Growth Theory	



**Basic Reference Books/ Reports/ Publications:**

1. Todaro, Michael P. and S. C. Smith. *Economic Development*, 8e. Delhi: Pearson Education, 2011.
2. Ray, Debraj. *Development Economics*, Oxford University Press India, ISBN: 9780195649000, 0195649001

**Additional References:**

1. Jhingan, M. L. *The Economics of Development and Planning*. 40e. Delhi: Vrinda Publications, 2012.
2. Misra, S.K. and Puri. *Growth and Development*. Mumbai: Himalaya Publishers, 2005.
3. Thirlwall, A.P. *Growth and Development* 8e. New York: Palgrave MacMillan, 2005.
4. Meier, Gerald M. and James E. Rauch. *Leading Issues in Economic Development*, 8e. *New Delhi*: Oxford Univ. Press.

**Evaluation and Assessment:**

<b>Evaluation (Theory): Total marks:</b>	<b>50 marks</b>
<b>Continuous Internal Assessment (CIA):</b>	<b>20 marks</b>
<b>End Semester Examination:</b>	<b>30 marks</b>

Learning Levels	Remembering	Understanding	Analyzing	Application	Evaluation	Creation
% Weightage	10%	25%	30%	15%	15%	5%



<b>T.Y.B.S.C (Minor)</b>		
<b>Course Title: Indian Public Finance</b>		
<b>Course Code: USECO5501MNI</b>		
Credits: 2		No. of lectures: 30
<b>No.</b>	<b>Course Objectives</b>	
1.	To understand the structure of public expenditure in India	
2.	To learn the methods of budgetary allocations in India	
<b>CO</b>	<b>Course Outcomes</b> <b>On completing the course, the learner will be able to</b>	<b>Bloom's Taxonomy Level (BT level)</b>
1	Understand and analyze the taxation system in India	Analyzing
2	Appraise the budgetary allocations in India	Evaluating

<b>UNIT I</b>		<b>Introduction to Taxation System in India</b>	<b>(15)</b>
	1.	Market Failure and Government Intervention	
	2.	Theories of Taxation	
	3.	Fiscal Policy and Stabilization	
	4.	Tax Structure in India: Direct and Indirect Taxes	
<b>UNIT II</b>		<b>Fiscal Federalism &amp; Budgetary Allocations in India</b>	<b>(15)</b>
	1.	Public Expenditure Theory	
	2.	Externalities and the Environment	
	3.	Structure of Budget - Union, State and Local level	
	4.	Budgetary Allocations	

**Basic Reference Book:**

1. Studies in Indian Public Finance; Author: M Govinda Rao; Publisher: Oxford University Press
2. Stiglitz, J. Economics of Public Sector, 3e. New York: W.W. Norton & Co, 2000
3. Bhatia, H. L. Indian Public Finance, Vikas Publishing House, 2012

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**APPROVED SYLLABUS**

**Additional References:**

1. Musgrave R.A. and P.B. Musgrave: Public Finance in Theory and Practice, 5e. New York: McGraw Hill International Edition, 1989.
2. Annual Budget Documents, Finance Ministry of India
3. Economic Surveys of India
4. Varshney, J C, Public Finance, SBPD Publishing House

**Evaluation and Assessment:**

<b>Evaluation (Theory): Total marks:</b>	<b>50 marks</b>
<b>Continuous Internal Assessment (CIA):</b>	<b>20 marks</b>
<b>End Semester Examination:</b>	<b>30 marks</b>

Learning Levels	Remembering	Understanding	Analyzing	Application	Evaluation	Creation
% Weightage	10%	25%	30%	15%	15%	5%



<b>T.Y.B.A</b>		
<b>Course Title: On the Job Training</b> <b>Course Code: AECO5501OJ1</b>		
Credits: 4		No. of hours : 120
<b>No.</b>	<b>Course Objectives</b>	
1.	To understand the fundamentals of the market/ industry.	
2.	To get hands-on training.	
3.	To recognize the challenges in the real market.	
4.	To learn and apply skills on the job.	
<b>CO</b>	<b>Course Outcomes</b> <b>On completing the course, the learner will be able to</b>	<b>Bloom's Taxonomy Level</b> <b>(BT level)</b>
1	Understanding the basics of Research	Understanding
2	Appraisal of the basic methodology of research in economics and related fields	Analysing
3	Testing the efficacy of data management tools	Evaluating
4	Report writing and interpretation	Applying

### **Career Planning and Strategizing**

Career planning, Seeking, applying for and accepting employment, Understanding Employee rights and responsibilities, Employer responsibilities, Communication on the job, succeeding in the workplace, Meeting employer expectations, Problem-solving and critical thinking, Maintaining a safe and healthy workplace

### **Work Ethics and Behaviour**

Interpersonal relationships, Teamwork, and conflict resolution, Personal finances – Money Management, Personal portfolios, Career options and opportunities, Sexual Harassment and Reporting Procedures



### **Career Exploration and Guidance**

Become aware, explore, understand, and prepare for life decisions/career decisions, discover more about self, interests, abilities, skills, talents, aspirations, and intentions, Explore the world of work and learn what is needed to succeed in a career field

### **Skills Development**

Have excellent attendance at your worksite, industry, company, institution (OJT), Maintain acceptable academic performance in all courses while working, Communicate with employer, institutions, instructor, and other professionals, Value lifelong learning with OJT as a stepping stone toward your individual growth and future career(s)

### **Evaluation of Learning**

Student performance will be assessed on total points with the following criteria and methods of evaluation:

Weekly Professionalism	Behaviour/Attitude Regular participation Follow company/institution Procedures/Policies
Work Hours	Weekly/ Monthly attendance report from the employer on the company letterhead  Hard copies of Pay stubs submitted monthly (in case of paid jobs/internships)  Work 40 hours/month minimum
Employer Evaluation	Employer Performance Evaluations Self-Performance Evaluations

