

JAI HIND COLLEGE

Basantsing Institute of Science & J. T. Lalvani College of Commerce
and Sheila Gopal Raheja College of Management.

Empowered Autonomous

"A" Road, Churchgate, Mumbai - 400 020, India

Affiliated to

University of Mumbai

Bachelor of Arts

Program: B.A. in Economics

Choice Based Credit System (CBCS) under NEP-2020

with effect from the academic year 2023-2024

Syllabus as approved by Statutory Committees

LOCF DOCUMENT



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CHURCHGATE, MUMBAI-400 020.

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Preamble

Economics as a subject touches every aspect of human life as it is based on the premise of the basic choices a person makes. The Department of Economics at Jai Hind College offers its students, both from humanities and commerce field, the ability to master the nuances of this subject. When Jai Hind College was granted academic autonomy in the year 2018, it enabled the department to reframe its syllabus into one that would provide a more wholesome learning experience to the students. The Learning Outcome-based Curriculum Framework (LOCF) approach provided an opportunity to design a structured outcome-based syllabus which is purely student-centric. The programme is now curated to help the students to develop an expertise in the subject along with life skills that will make them suitable both for employment and further pursuit of academics in world class institutes of their choice by giving them the opportunity to experience holistic learning.

Each course of the programme delves deep into the theoretical construct and real life application that enables the student to appreciate the crux of economic issues. They provide the students with a logical understanding and interpretation of the behaviour and interactions of households, firms, government institutions and the external economy. The courses of Microeconomics and Macroeconomics, starting from the basics and going to advanced level, make the students adept at interpreting the functioning of the economy while the quantitative courses of Mathematical and Statistical applications and Econometrics provide the necessary tools for economic analysis. The courses on Indian Economy and International Economic Theory provide a wide perspective of how different economic systems operate. The Growth and Development course enables students to understand and appreciate how nations evolve by looking at the experience of different economies. The students get a foundation and the requisite tools to understand intricacies of finance, which is an integral part of any economy, through the course on Indian Financial Systems. For the students of commerce too all the above essential elements of the subject are incorporated in their course of Business Economics with a special attention to their area of specialisation.

The programme also inculcates attributes like critical thinking, team building and leadership, research skills and ethical values among the students. These attributes will prepare the students to face real life challenges effectively and rationally. It is expected that the LOCF approach of the B.A. Economics programme will assist students in making informed choices, setting high goals and bringing about a positive change in the society.



Credit Framework

Types of Courses

Sr No	Type of Course	Learner Category
1	Major	Economics Major
2	Minor	Economics Minor/ Commerce Stream
3	OE	Commerce / Science Stream
4	SEC	Arts Stream
4	VSC	Economics Major/ Minor

Number of Courses and Credits

Type of Course	Number offered of each	Credits of each
Major	02	4
Minor	02 (Arts) + 02 (Commerce)	4 (Arts) + 2 (Commerce)
OE	02	2
SEC	02	2
VSC	02	2



Semester-wise Courses

Semester	Course Code	Course Title	Type of Course	No of Credits
I	JUAECO-DSC101	Principles of Microeconomics	Major	4
I	JUAECO-MIN101	Principles of Microeconomics	Minor	4
I	JUAECO-VSC101	Excelonomics- I	VSC	2
I	JUAECO-SEC101	Understanding Economics Survey of India	SEC	2
I	JUJUCECO-MIN101	Business Economics I	Minor	2
I	JUAECO-OE101	Economics in Daily Life	OE	2
II	JUAECO-DSC201	Elementary Mathematics and Statistics for Economic Analysis	Major	4
II	JUAECO-MIN201	Elementary Mathematics and Statistics for Economics Analysis	Minor	4
II	JUAECO-VSC201	Excelonomics	VSC	2
II	JUAECO-SEC201	Understanding Economic Survey of India	SEC	2
II	JUJUCECO-MIN201	Business Economics II	Minor	2
II	JUAECO-OE201	Financial Literacy for the Youth	OE	2



Learning Outcome Based Approach

The National Higher Education Qualifications Framework (NHEQF) envisages that students must possess the quality and characteristics of the graduate of a programme of study, including learning outcomes relating to the disciplinary area in the chosen field of learning and generic learning outcomes that are expected to be acquired by a graduate on completion of the programme of study.

Learning outcomes are important for recognition. It is important to emphasize on it since the important question asked to the student is-What you can do now that you are a graduate in Economics? The prior specification of the intended educational outcomes helps in maximizing educational effectiveness. All the educational activities from designing curriculum, to teaching pedagogies, to methods of evaluation are directed maximally towards the attainment of specific desired goals. The student's learning outcomes refer to the attainment of the particular competencies acquired by the student on completion of the undergraduate Economics program.

Graduate Attributes

Upon completion of this programme, a student will have the following attributes:

- **Critical Thinking**: Ability to understand and analyse all major economic phenomena in a scientific/ logical manner
- **Analytical Thinking**: Skill to analyse government policies and regulations, and demonstrate their significance
- **Subject Knowledge**: Know how an economy functions, and how decisions are made by consumers, producers, and regulators
- **Research Skills**: Capability to identify, hypothesise, and find solutions to economic problems in a logical and efficient way by using different methods of research
- **Quantitative Skills**: Ability to process and evaluate economic data based on sound mathematical and statistical principles, in order to arrive at economically meaningful conclusions
- **Soft Skills**: Good interpersonal skills, organisational and team building ability, self-confidence and leadership qualities
- **Ethical Values**: Ability to appreciate the socio-political-economic environment and sustainability issues



Programme Specific Objectives

The programme aims to:

- Train students in basic concepts of economic theory
- Equip students with the mathematical and statistical tools required for analytical purpose
- Discuss real world economic issues and problems facing the country and the world
- Enable students to understand policy responses and find policy solutions to economic problems
- Train students to collect primary data and learn sampling techniques
- Train students to use statistical and econometric methods to arrive at conclusions about the validity of economic theories
- Train students to learn the art of economic modelling.

Pedagogy

Teaching is student-centric and enables various kinds of learning such as Collaborative Learning, Participative Learning, Experiential Learning, and ICT based e-learning. The Pedagogy and teaching aids we use to facilitate these various kinds of learning are as follows:

- Collaborative Learning: Interactive teaching, guest lectures, workshops
- Participative Learning: Quizzes, Puzzles, Group Discussions and Debates, Class

Presentations and Role Plays

- Experiential Learning: Simulating parliamentary debates and Budget session
- ICT based e-learning: Audio-visual aids such as PPTs, films, documentaries, videos; e-learning resources such as Kahoot quizzes, whiteboards, G-suite apps (Google docs, slides and sheets) and Google Classroom sharing and use of e-books, pdfs, open-access journal publications and digital newspapers; use of free and open-source messaging application Telegram

Assessment Methods / Evaluation Scheme

- Reviewing research article/papers
- Role play based on relevant concepts
- Presentations on the given research topics
- Reviewing newspaper article
- Quiz and assignment



Discipline Specific Core Courses – Major/Minor Core Courses

COURSE CODE JUAECO-DSC101/ JUAECO-MIN101	COURSE TITLE: PRINCIPLES OF MICROECONOMICS	Credits: 4 Lectures/Week: 4
Course description	The course will focus on the basic principles of microeconomics with respect to the behaviour of consumers and producers.	
Learning objectives	<ul style="list-style-type: none"> • To familiarize the students with basic principles of microeconomics which influence the decision-making process of consumers and producers • To introduce students to consumer's theory and concept of market equilibrium • To introduce students to basic concepts of cost and revenue under producer's theory 	
Course Outcomes	<ul style="list-style-type: none"> • Students will gain an understanding of how microeconomic concepts can be applied to real-life situations and day to day decision-making both as a consumer and as a producer 	
	THEORY	60
Sub Unit	Unit-I: Introduction to Microeconomics and Demand-Supply Analysis	15 lectures
1.	Basic Principles of Economics: Trade-off faced by Individuals, Thinking at the margin, Role of incentives in individual decision-making process	
2.	Demand - Supply Analysis: Demand Curve, Market Demand, Supply Curve, Market Supply, Market Equilibrium - changes in equilibrium; Price, Income and Cross-price Elasticity of Demand	
	Unit – II: Consumer Behavior Analysis	15 lectures
1.	Marshall's Cardinal Utility analysis: Law of Diminishing Marginal Utility; Consumer's equilibrium and Principle of Equi-marginal Utility, Samuelson's Weak Axiom theory	
2.	Indifference Curve Analysis: Ordinal measure of utility; Indifference curves and their properties; Budget Line, Consumer's Equilibrium- Income, Price and Substitution Effects	



	Unit – III:	15 lectures
1.	Production function; Concept of Total, Average and Marginal Product, Short run production function- Law of Variable Proportion	
2.	Types of Costs: Opportunity Cost, Economic Cost and Accounting Cost, Fixed and Variable Cost, Total, Marginal & Average Cost	
	Unit – IV:	15 lectures
1.	Neoclassical Theory of Firm: Basic Assumptions	
2.	Objectives of the firm: Baumol’s Theory of Sales Maximisation; Williamson’s Managerial Theory of the firm; Principal-Agent problem	
	Evaluation Scheme CAs – 25+25 marks SEE – 50 marks (Theory) Distribution of marks*	
References:	1. N. Gregory Mankiw, (2018), Principles of Microeconomics, 8th Edition, Cengage Learning 2. Dominick, S. (2008). Principles of Microeconomics, Oxford University Press, New Delhi 3. Samuelson & Nordhaus, (2019), Economics, 20 th Edition, Tata McGraw Hills, New Delhi 4. Salvatore, D., Srivastava, R. (n.d.), (2012) Managerial Economics: Principles and Worldwide Application: (adapted Version). India: Oxford University Press.	



Bloom's Taxonomy in Evaluation Scheme

UNIT	KNOWLEDGE	UNDERSTANDING	APPLICATION	TOTAL MARKS
I	05	5.5	02	12.5
II	05	5.5	02	12.5
III	05	4.5	03	12.5
IV	05	4.5	03	12.5
TOTAL MARKS PER OBJECTIVE	20	20	10	50
% WEIGHTAGE	40	40	20	100



Course Code	Course Title:	Credits: 4
JUAECO-DSC201/ JUAECO-MIN101	Elementary Mathematics and Statistics for Economic Analysis	Lectures/Week: 4
Course description	The course will provide students the knowledge and understanding of the use of quantitative skill for economic analysis	
Learning objectives	<ul style="list-style-type: none"> To familiarize the students with basic mathematical and statistical tools for economic analysis. 	
Course Outcomes	<ul style="list-style-type: none"> This course will enable students to analyze data and solve simple economic problems using mathematical and statistical tools. 	
	THEORY	60
Sub Unit	Unit – I: Introduction to mathematical techniques	15 lectures
1.	Equations, Graphs, Functions – Types of functions, Limits and Continuity	
2.	Differentiation: Rate of change and slope; basic rules of differentiation with single explanatory variable	
	Unit – II: Economic application using mathematical tools	15 lectures
1.	Linear and non-linear demand and supply curve, determination of market equilibrium; measurement of price elasticity;	
2.	Graphical representation and interpretation of Iso-cost and Budget Line	
	Unit – III: Statistical Methods	15 lectures
1.	Sample Space and Events: Mutually exclusive, exhaustive and complementary events	
2.	Addition theorem, Multiplication theorem, Conditional probability	
	Unit – IV: Introduction to Probability	15 lectures
1.	Sample Space and Events: Mutually exclusive, exhaustive and complementary events	
2.	Addition theorem, Multiplication theorem, Conditional probability	



	<p>Evaluation Scheme</p> <p>CAs – 25+25 marks SEE – 50 marks (Theory)</p> <p>Distribution of marks*</p>	
<p>References:</p>	<ol style="list-style-type: none"> 1) Dowling, E. (2010). Introduction to Mathematical Economics (Schaum's Outline Series) McGraw Hill 2) Varian, H. R., & Varian, H. R. (1992). Microeconomic analysis (Vol. 3). New York: Norton. 3) Gupta, S. P. (2021). Statistical Methods, Sultan Chand & Sons, New Delhi 	



Bloom's Taxonomy in Evaluation Scheme

UNIT	KNOWLEDGE	UNDERSTANDING	APPLICATION	TOTAL MARKS
I	03	03	6.5	12.5
II	03	02	7.5	12.5
III	03	03	6.5	12.5
IV	03	04	5.5	12.5
TOTAL MARKS PER OBJECTIVE	12	12	26	50
% WEIGHTAGE	24	24	52	100



Minor Courses

Course Code JUCECO- MIN101	Course Title: BUSINESS ECONOMICS-I (MICROECONOMIC ASPECTS)	Credits: 2 Lectures/Week: 2
Course description	The course will focus on consumer theory giving an insight on aspects of utility, preferences, demand and supply.	
Learning objectives	<ul style="list-style-type: none"> • The students should develop an understanding of the basic skills of microeconomics • To enable the student to apply this knowledge to real life situations 	
Course Outcomes	<ul style="list-style-type: none"> • Students would be able to understand the basic manner in which a market operates and the factors that affect consumer behaviour 	
	THEORY	30 lectures
Sub Unit	Unit – I: Demand- Supply Analysis & Elasticity of Demand	15 lectures
1.	Demand and Supply Function	
2.	Market Equilibrium	
3.	Elasticity of demand: Concept and Types: price, income, cross price and promotional elasticity of demand	
4.	Methods to measure-arc and point elasticity of demand	
	Unit – II: Utility Analysis	15 lectures
1.	Law of diminishing marginal utility	
2.	Samuelson's Weak Axiom	
3.	Indifference Curve (IC) –Properties of IC, Types of IC-substitutes and complementary goods	
4.	Budget Line, Consumer's equilibrium condition	
	Evaluation Scheme CA's - 15+10 marks SEE - 25 marks (Theory) Distribution of marks*	



Minor Courses

Course Code JUCECO- MIN101	Course Title: BUSINESS ECONOMICS-I (MICROECONOMIC ASPECTS)	Credits: 2 Lectures/Week: 2
Course description	The course will focus on consumer theory giving an insight on aspects of utility, preferences, demand and supply.	
Learning objectives	<ul style="list-style-type: none"> • The students should develop an understanding of the basic skills of microeconomics • To enable the student to apply this knowledge to real life situations 	
Course Outcomes	<ul style="list-style-type: none"> • Students would be able to understand the basic manner in which a market operates and the factors that affect consumer behaviour 	
	THEORY	30 lectures
Sub Unit	Unit – I: Demand- Supply Analysis & Elasticity of Demand	15 lectures
1.	Demand and Supply Function	
2.	Market Equilibrium	
3.	Elasticity of demand: Concept and Types: price, income, cross price and promotional elasticity of demand	
4.	Methods to measure-arc and point elasticity of demand	
	Unit – II: Utility Analysis	15 lectures
1.	Law of diminishing marginal utility	
2.	Samuelson’s Weak Axiom	
3.	Indifference Curve (IC) –Properties of IC, Types of IC-substitutes and complementary goods	
4.	Budget Line, Consumer’s equilibrium condition	
	Evaluation Scheme CA’s - 15+10 marks SEE - 25 marks (Theory) Distribution of marks*	



References:	1. Samuelson & Nordhaus, (2019), <i>Economics</i> , 20th Edition, Tata McGraw Hills, New Delhi 2. N.Gregory Mankiw, (2018), <i>Principles of Microeconomics</i> , 8th Edition, Cengage Learning, New Delhi
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Bloom's Taxonomy in Evaluation Scheme

UNIT	KNOWLEDGE	UNDERSTANDING	APPLICATION	TOTAL MARKS
I	05	05	2.5	12.5
II	05	05	2.5	12.5
TOTAL MARKS PER OBJECTIVE	10	10	5	25
% WEIGHTAGE	40	40	20	100



Course Code	Course Title:	Credits: 2 Lectures/Week: 2
JUCECO-MIN201	BUSINESS ECONOMICS-II (MICROECONOMIC ASPECTS)	
Course description	The course will focus on the production theory, costs, revenue and different market structures	
Learning objectives	<ul style="list-style-type: none"> To introduce the concept of Production and the short run analysis To introduce the concept of cost and revenue To familiarize students with different types of market structures present in an economy 	
Course Outcomes	<ul style="list-style-type: none"> The students would be able to understand how producers make decisions based on their production processes, costs and revenues. The course introduces the students to different types of market structures which will allow them to apply their understanding of producers' theory to how firms operate under different market structures. 	
	THEORY	30 lectures
Sub Unit	Unit – I: Production Function, Cost and Revenue	15 lectures
1.	Concepts- production function, total product, marginal product, average product	
2.	Short run production function- Law of variable proportion	
3.	Concepts of Cost- total cost, marginal cost, average cost	
4.	Concepts of Revenue – total revenue, marginal revenue, average revenue	
	Unit – II: Market Structures	15 lectures
1.	Meaning and features of Perfect Competition	
2.	Meaning and features of Monopoly	
3.	Meaning and features of Monopolistic Competition	
4.	Meaning and features of Oligopoly	
	Evaluation Scheme Mention assessment pattern CA – 15+10 SEE- 25 (Theory) Distribution of marks *	



References:	1. Samuelson & Nordhaus, (2019), <i>Economics</i> , 20th Edition, Tata McGraw Hills, New Delhi 2. N.Gregory Mankiw, (2018), <i>Principles of Microeconomics</i> , 8th Edition, Cengage Learning, New Delhi
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Bloom's Taxonomy in Evaluation Scheme

UNIT	KNOWLEDG E	UNDERSTANDIN G	APPLICATIO N	TOTAL MARKS
I	05	05	2.5	12.5
II	05	05	2.5	12.5
TOTAL MARKS PER OBJECTIVE	10	10	5	25



Open Elective Courses

Course Code JUCECO- OE101	Course Title: ECONOMICS IN DAILY LIFE	Credits: 2 Lectures/Week: 2
Course description	The course will acquaint students with basic economic concepts with specific reference to real life examples. It will cover relevant topics such as decision making, role of prices, national income and business cycles.	
Learning objectives	<ul style="list-style-type: none"> To familiarize students with basic concepts of micro and macro economics To enable students to relate real world happenings with economic phenomena 	
Course Outcomes	<ul style="list-style-type: none"> Students will be able to understand how economic choices are made by individuals, firms and governments Students will be able to understand how economies function 	
	THEORY	30 lectures
Sub Unit	Unit – I: Important Principles of Microeconomics	15 lectures
1.	People need to make choices – Concept of Trade-off & Opportunity cost with simple real-life examples	
2.	Rational people think at margin: Average run rate in Cricket; Marginal decisions of a firm	
3.	Markets are a good way to organise economic activities; How equilibrium price acts as market signals and changes in equilibrium	
4.	Case study: Can good news for farming be bad news for farmers? Why did OPEC countries fail to keep the price of oil high?	
	Unit – II: Important concepts of Macroeconomics	15 lectures
1.	Circular flow of income model	
2.	National income aggregates and its relevance in economics	
3.	How Business cycles behave?	
4.	Unemployment, Inflation, and the economy	
5.	Case study: The great depression of 1929-30 Subprime mortgage crises	
	Evaluation Scheme CA's - 15+10 marks SEE - 25 marks (Theory) Distribution of marks *	



References:

1. Samuelson & Nordhaus, (2019), *Economics*, 20th Edition, Tata McGraw Hills, New Delhi
2. N. Gregory Mankiw, (2018), *Principles of Economics*, 8th Edition, Cengage Learning, New Delhi



Bloom's Taxonomy in Evaluation Scheme

UNIT	KNOWLEDG E	UNDERSTANDIN G	APPLICATIO N	TOTAL MARKS
I	05	05	2.5	12.5
II	05	05	2.5	12.5
TOTAL MARKS PER OBJECTIVE	10	10	5	25



Course Code JUCECO- OE201	Course Title: FINANCIAL LITERACY FOR THE YOUTH	Credits: 2 Lectures/Week: 2
Course description	The course is designed to bring about awareness regarding need for financial planning from a young age and the various methods to achieve financial goals	
Learning objectives	<ul style="list-style-type: none"> To understand the basic components of Financial Literacy such as savings, investment, taxation and insurance To understand the importance of financial planning and setting financial goals 	
Course Outcomes	<ul style="list-style-type: none"> Develop the ability to do personal and family financial planning Build capability to analyze banking and insurance products Learn basics of investment and tax planning 	
	THEORY	30 lectures
Sub Unit	Unit – I: Basics of Financial Literacy	15 lectures
1.	Meaning of Financial Literacy	
2.	Different types of employments and earnings accruing	
3.	Spending and saving trend over the life cycle of an individual	
4.	Borrowing needs over the life cycle of individual	
5.	Rationale for Financial Planning at an early stage	
	Unit – II: Digital Payment mechanisms	15 lectures
1.	Money deposits and withdrawals: Types, Instruments and Caution of banking digitally	
2.	Modes of digital Payments in India: Benefits, Do's, and Don'ts of digital banking (examples and case studies)	
3.	UPI: Meaning, Relevance and Outreach	
4.	Fraudulent Practices in recent years: (examples of types of malpractices and redressal mechanisms)	



	<p>Evaluation Scheme CA's - 15+10 marks SEE - 25 marks (Theory)</p> <p>Distribution of marks *</p>	
<p>References:</p>	<ol style="list-style-type: none"> 1. Singh, Abhishek Kumar and Rajni (2022), <i>Financial Literacy, 1st edition</i>, JSR Publishing House LLP, India 2. Sinha, Madhu (2017), <i>Financial Planning: A Ready Reckoner</i>, McGrawHill, USA 	



Bloom's Taxonomy in Evaluation Scheme

UNIT	KNOWLEDG E	UNDERSTANDIN G	APPLICATIO N	TOTAL MARKS
I	05	05	2.5	12.5
II	05	05	2.5	12.5
TOTAL MARKS PER OBJECTIVE	10	10	5	25



Skill Enhancement Elective Courses

JUAECO- SEC101/ JUAECO- SEC201	COURSE TITLE: Understanding Economic Survey of India	Credits: 2 Lectures/Week: 2
Course description	The course attempts to introduce students to the basic concepts of The Economic survey of India and familiarise them with trends and policies in various sectors of the economy.	
Learning objectives	<ul style="list-style-type: none"> It will encourage them to discuss policy implications and deepen their knowledge about current happenings in the society. 	
Course Outcomes	<ul style="list-style-type: none"> The course will enable them to understand and analyse the survey and become informed citizens of the country.. 	
	THEORY	30
Sub Unit	Unit-I: Introduction to Economic Survey, Policy and challenges	15 lectures
1.	Know your Economic survey: Meaning, relationship with budget, focus in the current year and its significance.	
2.	State of the Economy: trends in macroeconomic aggregates, policies and challenges.	
3.	Fiscal developments.	
	Unit – II: Agriculture, Industry, Services	15 lectures
1.	Agriculture and Food management: Performance of agriculture and allied industries and Government intervention.	
2.	Industry: performance of Indian Industries, stimulants to industrial growth, supply response of the industry, trends in credit and investment.	
3.	Services: Performance of sub-sectors and policies	



	Evaluation Scheme CAs – 15+10 marks SEE – 25 marks (Practical) Distribution of marks*	
References:	Economic Survey – India Budget https://www.indiabudget.gov.in/economicsurvey/	

Bloom's Taxonomy in Evaluation Scheme

UNIT	KNOWLEDGE	UNDERSTANDING	APPLICATION	TOTAL MARKS
I	05	04	02.5	12.5
II	05	06	02.5	12.5
TOTAL MARKS PER OBJECTIVE	10	10	5	25
% WEIGHTAGE	40	40	20	100



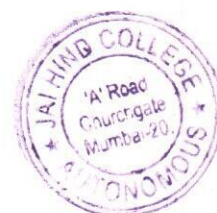
Vocational Skill Elective Courses

JUAECO-VSC101	COURSE TITLE: Excelonomics - I	Credits: 2 Lectures/Week: 2
Course description	This course will focus on in-depth training in Excel with core microeconomics concepts. Through this course we will teach students how to set up, solve, and graph principles-level economic models with the help of Excel.	
Learning objectives	<ul style="list-style-type: none"> • The objective of the course will be to acquaint the students with data analytical tools through excel. • It will help them to filter huge data, arrange it in different forms which will facilitate comparison. 	
Course Outcomes	<ul style="list-style-type: none"> • Students will gain an understanding of how economic data can be filtered and analyzed using excel for decision-making. 	
	THEORY	30
Sub Unit	Unit-I: Introduction to Excel	15 lectures
1.	Simple Commands, Functions, Charts & Graphs – title, design, grid lines	
	Unit – II: Demand-Supply Analysis in excel	15 lectures
1.	Demand & Supply Graphs-Equilibrium Point, Cost and Revenue analysis, Break Even Analysis, Demand Forecasting	
	Evaluation Scheme CAs – 15+10 marks SEE – 25 marks (Practical) Distribution of marks*	
References:	I. N. Gregory Mankiw, (2018), Principles of Microeconomics, 8th Edition, Cengage Learning	



Bloom's Taxonomy in Evaluation Scheme


UNIT	KNOWLEDGE	UNDERSTANDING	APPLICATION	TOTAL MARKS
I	05	04	02.5	12.5
II	05	06	02.5	12.5
TOTAL MARKS PER OBJECTIVE	10	10	5	25
% WEIGHTAGE	40	40	20	100



JUAECO-VSC201	COURSE TITLE: Excelonomics - II	Credits: 2 Lectures/Week: 2
Course description	This course will focus on in-depth training in Excel with basic statistical tools. Through this course we will teach students how to set up, solve, and graph principles-level economic models with the help of Excel.	
Learning objectives	<ul style="list-style-type: none"> • The objective of the course will be to acquaint the students with statistical data analytical tools through excel. • It will help them to filter huge data, arrange it in different forms which will facilitate comparison. 	
Course Outcomes	<ul style="list-style-type: none"> • Students will gain an understanding of how statistical data can be filtered and analyzed using excel for decision-making. 	
	THEORY	30
Sub Unit	Unit-I:Descriptive Statistics	15 lectures
1.	Averages, Skewness and Kurtosis, Variance, Standard Deviation, Correlation	
	Unit – II: Regression	15 lectures
1.	Simple Regression, Data Analysis with pivot table	
	Evaluation Scheme CAs – 15+10 marks SEE – 25 marks (Practical) Distribution of marks*	
References:	1. N. Gregory Mankiw, (2018), Principles of Microeconomics, 8th Edition, Cengage Learning 2. S. P. Gupta, (2011), Statistical Methods, Sultan Chand & Sons	

Bloom's Taxonomy in Evaluation Scheme

UNIT	KNOWLEDGE	UNDERSTANDING	APPLICATION	TOTAL MARKS
I	05	04	02.5	12.5
II	05	06	02.5	12.5
TOTAL MARKS PER OBJECTIVE	10	10	5	25
% WEIGHTAGE	40	40	20	100


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