

DEPARTMENT OF ECONOMICS (UG)
Programme Specific Outcomes (PSO's)

On the successful completion of the Undergraduate programme, the students will be able to

PSO1 Disciplinary Knowledge	explain the key terms and basic theories not only in the field of Economics but also in the related domains that forms part of undergraduate programme of study.
PSO2 Communication Skills	engage in assertive communication and create meaningful presentation using electronic, social and print media to diverse audiences.
PSO3 Problem Solving	exhibit the skill to critically analyse the complex economic issues using deductive reasoning and offer best possible solutions to maximize their well-being.
PSO4 Analytical Reasoning	demonstrate the ability to collect, processes, interpret and evaluate the information analytically using statistical, mathematical and econometric tools to understand and solve the given problem.
PSO5 Research Skills	create inquisitiveness and develop a flair for independent research by formulating tentative hypothesis through collection of data, analyzing and presenting the facts that might lay a foundation for further research.
PSO6 Digital Literacy	mine relevant information available online like e-learning modules and digital resources. It will promote critical thinking and problem solving by analyzing, synthesizing and evaluate to draw meaningful conclusion from the vast data.
PSO7 Leadership and Teamwork	exhibit the ability to set and manage achievable goals for self and for the team through effective communication. The ability to process and respond to constructive criticism, maintain positive relationship resolve and navigate the issues in case there is a conflict.
PSO8 Moral and Ethical Awareness / Reasoning	show the value of leading a moral life and develop the virtues essential for better society, will be a responsible and a law abiding citizen with a sense of love and respect to fellowmen and to the nation.
PSO9 Multicultural Competence	recognize, value and respect the universal concepts present in various cultures. Explore the regional, national and global issues and identify the divergent views and conflict of principles from economic perspective.
PSO10 Self-directed and Lifelong Learning	self-motivate and work independently with the ability to focus & prioritise the tasks and complete the task within the given timeframe.

DEPARTMENT OF ECONOMICS (UG)
Learning Outcome Based Curriculum Framework (LOCF)
(w.e.f. 2024-2025)

Sem	Part	Course Code	Course Title	Hrs/wk	Credits	Marks
1	I	24XXXNNNN	Tamil/Hindi/French தமிழ் /ஹிந்தி /பிரெஞ்சு	3	2	30
	II	24XXXNNNN	English ஆங்கிலம்	3	2	30
	III CC	24ECO/ECS1501	Micro Economics I நுண் பொருளியல் - I	5	5	75
	III CC	24ECO/ECS1401	Statistics for Economics I பொருளாதாரப் புள்ளியியல் - I	4	4	60
	III CC	24ECO/ECS1403	Tamil Nadu Economy தமிழ்நாட்டுப் பொருளாதாரம்	4	4	60
	III S	24XXXNNNN	<i>Offered by Mathematics</i> கணிதத்துறையால் வழங்கப்படும் பாடம்	5	4	60
	IV NME	24XXXNNNN	<i>Non Major Elective – I</i> துறை சாரா விருப்பத் தெரிவுப் பாடம் -I	3	2	30
	IV AEC	24VAL/HVS/ CHR1200	Value Education / Human Values Development / Christian Studies மதிப்பீட்டுக் கல்வி / மனித மதிப்பீட்டு முன்னேற்றம் / கிருத்துவக் கல்வி	3	2	30
	V	24XXXNNNN	NSS/NCC/PED/SLP/GMP/GNS/ LIB/ACH)	-	-	-
	TOTAL				30	25
2	I	24XXXNNNN	Tamil/Hindi/French தமிழ் /ஹிந்தி /பிரெஞ்சு	3	2	30
	II	24ENGNNNN	English ஆங்கிலம்	3	2	30
	III CC	24ECO/ECS1502	Micro Economics – II நுண் பொருளியல் - II	5	5	75
	III CC	24ECO/ECS1402	Statistics for Economics II பொருளாதாரப் புள்ளியியல்; - II	4	4	60
	III CC	24ECO/ECS1404	History of Economic Thought பொருளாதாரச் சிந்தனை வரலாறு	4	4	60
	III S	24XXXNNNN	<i>Offered by Mathematics</i> கணிதத்துறையால் வழங்கப்படும் பாடம்;	5	4	60
	IV NME	24XXXNNNN	<i>Non Major Elective – II</i> துறை சாரா விருப்பத் தெரிவுப் பாடம் - II	3	2	30
	IV AEC	24ECO/ECS1200	Environmental Studies சுற்றுச்சூழல் கல்வி	3	2	30
	V	24XXXNNNN	NSS/NCC/PED/SLP/GMP/GNS/ LIB/ACH	-	1	1
	TOTAL				30	25+1

Se m	Part	Course Code	Course Title	Hrs/ wk	Credi ts	Marks
3	I	24XXXNNNN	Tamil/Hindi/French தமிழ் /ஹிந்தி /பிரெஞ்சு	3	2	30
	II	24ENGNNNN	English ஆங்கிலம்	3	2	30
	III CC	24ECO/ECS2401	Macro Economics – I பேரியல் பொருளாதாரம் – I	4	4	60
	III CC	24ECO/ECS2403	Fiscal Economics நிதிப் பொருளியல்	4	4	60
	III CC	24ECO/ECS2405	International Economics பன்னாட்டுப் பொருளியல்	4	4	60
	III CC	24ECO/ECS2407	Mathematics for Economics பொருளாதாரத்திற்கான கணிதம்	4	4	60
	III S	24XXXNNNN	<i>Offered by Commerce</i> வணிகத் துறையால் வழங்கப்படும் பாடம்	5	4	60
	IV SEC	24XXXNNNN	<i>Skill Enhancement Course – I</i> திறன் மேம்பாட்டுப் பாடம் - I	3	2	30
	V	24XXXNNNN	NSS/NCC/PED/SLP/GMP/GNS/ LIB/ACH	-	-	-
TOTAL				30	26	390
4	I	24XXX NNNN	Tamil/Hindi/French தமிழ் /ஹிந்தி /பிரெஞ்சு	3	2	30
	II	24XXX NNNN	English ஆங்கிலம்	3	2	30
	III CC	24ECO/ECS2402	Macro Economics II பேரியல் பொருளாதாரம் II	4	4	60
	III CC	24ECO/ECS2404	Monetary Economics பணப் பொருளியல்	4	4	60
	III CC	24ECO/ECS2406	Industrial Economics தொழில் சார் பொருளியல்	4	4	60
	III CC	24ECO/ECS2408	Principles of Marketing சந்தையியல் கொள்கைகள்	4	4	60
	III S	24XXXNNNN	<i>Offered by Commerce</i> வணிகத் துறையால் வழங்கப்படும் பாடம்	5	4	60
	IV SEC	24XXXNNNN	<i>Skill Enhancement Course – II</i> திறன் மேம்பாட்டுப் பாடம் - II	3	2	30
	V	24XXXNNNN	NSS/NCC/PED/SLP/GMP/GNS/ LIB/ACH	-	1	15
TOTAL				30	26+1	390+15

Sem	Part	Course Code	Course Title	Hrs /wk	Credits	Marks
5	III CC	24ECO/ECS3601	Indian Economy இந்தியப் பொருளாதாரம்	6	6	90
	III CC	24ECO/ECS3603	Development Economics மேம்பாட்டுப் பொருளியல்	6	6	90
	III CC	24ECO/ECS3605	Basic Econometrics அடிப்படைப் பொருளாதாரவியல்	6	6	90
	III DSE	24XXXNNNN	<i>Discipline Specific Elective – I</i> துறை சார் விருப்பத் தேர்வு - I	5	4	60
	III GE	24XXXNNNN	<i>Generic Elective – I</i> பொதுப் பாடத் தேர்வு - I	4	3	45
	IV IS	24ECO/ECS3255	Internship * பயிற்சி*	-	2	30
	IV SEC	24XXXNNNN	<i>Skill Enhancement Course – III</i> திறன் மேம்பாட்டுப் பாடம் - III	3	2	30
	TOTAL				30	29
6	III CC	24ECO/ECS3602	Urban Economics நகர்ப்புறப் பொருளியல்	6	6	90
	III CC	24ECO/ECS3604	Financial Markets and Institutions நிதிச்சந்தைகள் மற்றும் நிறுவனங்கள்	6	6	90
	III CC	24ECO/ECS3606	Project ஆய்வுத் திட்டம்	6	6	90
	III DSE	24XXXNNNN	<i>Discipline Specific Elective – II</i> துறை சார் விருப்பத் தேர்வு - II	5	4	60
	III GE	24XXXNNNN	<i>Generic Elective – II</i> பொதுப் பாடத் தேர்வு - II	4	3	45
	IV SEC	24ECO/ECS3266	Professional Competency Skill தொழில் சார் அனுபவத் திறன்	3	2	30
	TOTAL				30	27
GRAND TOTAL				180	158+2	2370+30

*Internship – Second Year Vacation (30 Hrs.)

Discipline Specific Elective (DSE)

Sem	Part	Course Code	Course Title	Hrs/Wk	Credits	Marks
5	III	24ECO/ECS3401	Managerial Economics மேலாண்மைப் பொருளியல்	5	4	60
		24ECO/ECS3403	Research Methods in Economics பொருளாதாரத்தில் ஆராய்ச்சி முறைகள்	5	4	60
6	III	24ECO/ECS3402	Environmental Economics சுற்றுச்சூழல் பொருளியல்	5	4	60
		24ECO/ECS3404	Agricultural Economics வேளாண்மைப் பொருளியல்	5	4	60

Supportive (offered to Commerce)

Sem	Part	Course Code	Course Title	Hrs/Wk	Credits	Marks
1	III	24ECO/ECS1405	Business Economics	5	4	60
2	III	24ECO/ECS1406	Business Environment	5	4	60

Generic Elective (GE)

Sem	Part	Course Code	Course Title	Hrs/Wk	Credits	Marks
5	III	24ECO/ECS3301	Economic Journalism பொருளாதார இதழியல்	4	3	45
		24ECO/ECS3303	Economics of Tourism சுற்றுலாப் பொருளியல்	4	3	45
6	III	24ECO/ECS3302	Behavioral Economics நடத்தைப் பொருளியல்	4	3	45
		24ECO/ECS3304	Entrepreneurial Economics தொழில்முனைவோ ர் பொருளியல்	4	3	45

Non-Major Elective (NME)

Sem	Part	Course Code	Course Title	Hrs/Wk	Credits	Marks
1	IV	24ECO/ECS1201	Demography மக்கள் தொகையியல்	3	2	30
		24 ECO/ECS1203	Skills for Work Effectiveness திறன் மேம்பாடு	3	2	30
2	IV	24ECO/ECS1202	Economics for Investors முதலீட்டாளர் பொருளியல்	3	2	30
		24ECO/ECS1204	Decision Making and Goal Setting முடிவெடுத்தல் மற்றும் இலக்கு நிர்ணயித்தல்	3	2	30

Skill Enhancement Courses (SEC)

Sem	Part	Course Code	Course Title	Hrs/Wk	Credits	Marks
3	IV	24ECO/ECS2201	Computer Application in Economics பொருளியலில் கணிணிப் பயன்பாடு	3	2	30
4	IV	24ECO/ECS2202	Personal Empowerment தனிநபர் மேம்பாடு	3	2	30
5	IV	24ECO/ECS3201	Modern Banking and Insurance நவீன வங்கி மற்றும் காப்பீடு	3	2	30

DEPARTMENT OF ECONOMICS (UG)
VALUE ADDED COURSES
(w.e.f. 2024 – 2025)

Sem	Course Code	Course Title	Hours/wk	Credits
2	24ECO/ECS122V	Economics for Beginners பொருளாதாரம் - ஆரம்பநிலையில் இருப்போர்க்கு	2	2
3	24ECO/ECS221V	Introduction to Agri-Business வேளாண் வணிகம் - ஓர் அறிமுகம்	2	2
5	24ECO/ECS321V	Economic Geography பொருளாதாரப் புவியியல்	2	2

MAPPING WITH PO's

Dept. Acronym	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
ECO/ECS	3	3	3	3	3	3	3	2	2	3

MAPPING OF COURSES WITH PSO's

Courses	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
24ECO/ECS1501	3	3	3	3	2	3	3	2	2	3
24ECO/ECS1401	3	3	3	3	2	3	3	2	1	3
24ECO/ECS1403	3	3	3	3	3	3	3	3	2	3
24ECO/ECS1502	3	3	3	3	2	3	3	2	2	3
24ECO/ECS1402	3	3	3	3	2	3	3	2	2	3
24ECO/ECS1404	3	3	2	3	2	3	2	1	2	3
24ECO/ECS2401	3	3	2	3	2	2	3	2	2	3
24ECO/ECS2403	3	3	3	3	3	3	3	3	3	3
24ECO/ECS2405	3	3	2	3	2	3	2	1	2	3
24ECO/ECS2407	3	3	3	3	1	2	2	2	1	2
24ECO/ECS2402	3	3	2	3	2	3	2	1	2	3
24ECO/ECS2404	3	3	3	3	3	3	3	3	1	2
24ECO/ECS2406	3	3	2	3	3	3	3	2	1	3
24ECO/ECS2408	3	3	3	3	3	3	3	2	3	3
24ECO/ECS3601	3	3	3	3	3	3	3	2	2	3
24ECO/ECS3603	3	3	2	3	3	3	3	3	2	3
24ECO/ECS3605	3	3	3	3	2	3	3	2	2	3
24ECO/ECS3401 24ECO/ECS3403	3	3	3	3	3	3	3	2	2	3
24ECO/ECS3255	2	3	3	3	1	2	3	2	3	3
24ECO/ECS3602	3	3	3	3	3	2	3	3	2	3
24ECO/ECS3604	3	3	2	3	2	3	3	2	2	3
24ECO/ECS3606	3	3	2	3	3	3	3	3	3	3
24ECO/ECS3402 24ECO/ECS3404	3	3	3	3	2	2	3	3	3	3
24ECO/ECS3266	3	3	2	3	2	2	2	2	2	3
Average ಅರ್ಥಮಾಪನ	2.9	3.0	2.6	3.0	2.3	2.8	2.8	2.2	2.0	2.9

MAPPING OF COURSES WITH PO's

Courses	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
24ECO/ECS1405	3	3	3	3	3	3	3	3	2	3
24ECO/ECS1201 24ECO/ECS1203	3	3	3	3	2	3	2	2	3	3
24ECO/ECS1406	3	3	3	3	3	3	2	3	3	3
24ECO/ECS1202 24ECO/ECS1204	3	3	3	3	3	3	3	2	2	3
24ECO/ECS1200	3	3	3	3	3	3	3	3	3	3
24ECO/ECS2201	3	3	3	3	2	3	3	1	1	2
24ECO/ECS2202	3	3	3	3	3	3	3	3	3	3
24ECO/ECS3201	3	3	2	3	3	2	3	2	2	3
24ECO/ECS3301 24ECO/ECS3303	3	3	2	3	3	3	3	3	2	3
24ECO/ECS3302 24ECO/ECS3304	3	3	3	3	3	3	2	2	3	3
Average ഈർപ്പ	3.0	3.0	2.8	3.0	2.8	2.9	2.7	2.4	2.4	2.9

Course Code	Name of the Course	Category	Hours/Wk.	Credits
24ECO/ECS1501	Micro Economics I	Core	5	5

The objective of this course is to enable students to identify with the economic behaviors of individual units of the society. This course describes the consumer behavior, utility analysis and the concept of demand and supply. It also imparts knowledge on the relevance of production, returns to scale, costs and profit maximization.

Course Outcomes:

At the end of the course, students will be able to

CO1: explain the meaning of basic concepts and the need for the study of microeconomics.

CO2: elucidate the types of utility and consumer behavior.

CO3: acquire knowledge on market equilibrium, demand and supply functions.

CO4: classify the meaning of production functions.

CO5: appreciate the theory of firms, costs and revenues.

Unit I: Basic Concepts

15 Hours

Definitions of Economics – Nature and Scope of Microeconomics – Positive and Normative Approaches - Inductive and Deductive Approaches - Consumers and Firms – Decision Making – Rationality: Self-Interest – Trade-offs – Fundamental Economic Problems - Market Mechanism and Resource Allocation.

Unit II: Utility Analysis

15 Hours

Utility – Ordinal and Cardinal Utility – Total and Marginal Utility – Law of Diminishing Marginal Utility - Law of Equi-Marginal Utility - Indifference Curves – Properties – Marginal Rate of Substitution - Budget Line – Price and Substitution Effects - Optimal Consumer Choice – Revealed Preference Theory – Samuelson and Hicks’ Approach

Unit III: Demand and Supply Analysis

15 Hours

Demand – Types of Goods – Demand: Law of Demand – Determinants – Exceptions – Giffen Paradox – Veblen Effect - Elasticity of Demand: Types – Engel’s Law – Supply: Law of Supply – Determinants – Elasticity of Supply and its types - Market Equilibrium - Consumer Surplus and Producer Surplus.

Unit IV: Production Analysis

15 Hours

Production Function – Law of Variable Proportions - Laws of Returns to Scale - Iso-quant’s - Types of Production Function – Cobb-Douglas and Constant Elasticity of Substitution (CES) Production Function – Economies and Diseconomies of Scale.

Unit V: Cost and Revenue Concepts

15 Hours

Costs – Fixed and Variable Costs - Average, Marginal, and Total Costs – Short Run and Long Run Costs – Implicit, Explicit, Sunk and Imputed Cost – Revenue Total, Average and Marginal Revenue – Relationship between AR, MR and Elasticity of Demand - Profit Maximization Rule.

Learning Resources:

Text Books

1. Ahuja, H.L., (2016), *Principles of Microeconomics*, S. Chand.
2. Robert Pindyck and Daniel L. Rubinfeld, (2001), *Micro Economics*, Macmillan.

References

1. Paul Krugman and Robin Wells, (2020), *Micro Economics*, Worth Publishers.
2. Timothy Taylor, Steven A Greenlaw and David Shapiro, (2017), *Principles of Economics*, Media Services.
3. Karl E. Case and Ray C Fair, (2007), *Principles of Economics*, Pearson Prentice Hall Inc, Singapore.
4. Koutsoyiannis, A., (2003), *Modern Microeconomics*, Palgrave Macmillan 2nd Edition.
5. Dwivedi, D.N., (2002), *Microeconomics: Theory and Applications*, 2nd ed., Pearson.

Websites / e-Learning Resources

1. <http://www.econlib.org/library/enc/microeconomics.html>
2. <https://www.tutor2u.net/economics>
3. <https://www.economicsnetwork.ac.uk/>
4. <https://www.cliffsnotes.com/study-guides/economics/introduction/microeconomics>
5. <http://neconomides.stern.nyu.edu/networks/micnotes/micnotes.pdf>

CO – PSO MAPPING

	PSO ₁	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO1 ₀
CO1	3	3	2	2	2	3	3	3	2	3
CO2	3	3	2	3	2	3	3	3	3	3
CO3	3	3	3	3	2	2	3	2	2	3
CO4	3	3	3	3	2	3	2	2	2	3
CO5	3	3	3	3	2	3	3	2	2	3
Average	3	3	2.6	2.8	2	2.8	2.8	2.4	2.2	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk.	Credits
24ECO/ECS1401	Statistics for Economics I	Core	4	4

The aim of this course is to understand the nature and scope of statistics and its applications. This course helps the students to learn about the collection, classification, analysis and presentation of data. Students also gain knowledge about various measures of central tendency, dispersion and its applications.

At the end of the course, students will be able to

CO1: explain the scope of statistics and basic knowledge of statistical tools.

CO2: illustrate the types of data and its uses.

CO3: find the concept of averages and its application.

CO4: calculate the dispersion.

CO5: compute the correlation and estimate values using regression.

Unit I: Introduction and Collection of Data

12 Hours

Introduction – Nature and Scope of Statistics – Uses and Limitations of Statistics – Data Collection – Primary and Secondary Data – Tools for collecting Primary Data – Requisites of Good Questionnaire – Sources of Secondary Data.

Unit II: Classification and Presentation of Data

12 Hours

Classification and Tabulation of Data – Types-Frequency Distribution – Cumulative Frequency Distribution - Class Interval – Diagrams – Types – Graphical Representation – Histogram – Frequency Polygon – Ogive Curve - Lorenz Curve.

Unit III: Measures of Central Tendency

12 Hours

Measures of Central Tendency – Requisites of a Good Average – Arithmetic Mean, Median and Mode - Relative Merits and Demerits.

Unit IV: Measures of Dispersion

12 Hours

Absolute and Relative Measures of Dispersion – Range – Quartile Deviation – Mean Deviation – Standard Deviation – Variance – Coefficient of Variation – Skewness and Kurtosis (Types and test only).

Unit V: Correlation and Regression

12 Hours

Correlation – Types of Correlation – Methods – Karl Pearson's Co-efficient of Correlation – Spearman's Rank Correlation – Regression Equations – Distinction between Correlation and Regression Analysis

Learning Resources:

Text Books

1. Gupta, S.P., (2005), *Statistical Methods*, Sultan Chand and Sons, New Delhi.
2. Dominick Salvatore and Derrick Reagle, (2002), *Theory and Problems of Statistics and Econometrics*, McGraw Hill.

References

1. Saxena, H.C, (2016), *Elementary Statistics*, S. Chand and Company, New Delhi.
2. Sachdeva, S., (2014), *Statistics*, Lakshmi Narain Agarwal.
3. Pillai, R.S. N. and V. Bagavathi, (2010), *Statistics*, Sultan Chand and Sons, New Delhi.
4. Manoharan, M., (2010), *Statistical Methods*, Paramount Publications, Palani.

5. Elhance, D.N, (2004), *Fundamentals of Statistics*, Kitab Mahal, New Delhi.

Websites/e-Learning Resources

1. <https://www.cuemath.com/data/statistics>
2. <https://stattrek.com/statistics/resources>
3. <https://testbook.com/learn/maths-mean-median-mode>
4. <https://www.statistics.com>
5. <https://thisisstatistics.org/students>

CO – PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	3	3	2	2	2	2	2	3	2	3
CO2	3	3	3	3	2	3	3	2	1	3
CO3	3	3	3	3	2	3	3	2	1	2
CO4	3	3	3	3	2	3	3	2	1	2
CO5	3	3	3	3	3	3	3	2	1	3
Average	3	3	2.8	2.8	2.2	2.8	2.8	2.2	1.2	2.6

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS1403	Tamil Nadu Economy	Core	4	4

The purpose of this course is to enable the students to recognize the relevance of regional studies. This course describes the geographical features, performance and development issues of Tamil Nadu Economy. The course also analyses the importance of agriculture, industrial, state finance and its growth scenario in Tamil Nadu.

Course Outcomes:

At the end of the course, students will be able to

CO1: explain the geographical features, socio-economic and demographic profile of Tamilnadu.

CO2: examine the issues in agriculture, land use patterns, agricultural finance and insurance in Tamil Nadu.

CO3: describe the industrial scenario in Tamil Nadu.

CO4: discuss the status of State finances and development programmes of Tamil Nadu.

CO5: explain the overall performance of Tamil Nadu economy.

Unit I: Introduction 12 Hours

Tamil Nadu–Salient features – Geographical Features – Economic and Social Indicators – Human Development – Index Rank – Gender Disparity Index – Poverty Index – Work Participation Rate – Unemployment Rate – Literacy Rate – Life Expectancy – Demography and Occupational Patterns.

Unit II: Agriculture 12 Hours

Agriculture – Land Use Patterns – Cropping Pattern – Irrigation - Agricultural Marketing – Defects and Remedial Measures – Agricultural Finance – Policy and Issues – Crop Insurance.

Unit III: Industry 12 Hours

Industrial Scenario in Tamil Nadu – Production Trends – Large Industries - MSMEs – Khadi and Village Industries – Export Contribution of top five Major Industries - Industrial Financial Institutions: TIIC, SIDCO, SIPCOT, Industrial Estates-DIC, EPZ, SPZ, SEZ.

Unit IV: State Finances and Development Initiatives 12 Hours

State Finance – Revenue and Expenditure of the State – Tamil Nadu’s Recent Budget – Poverty Alleviation and Unemployment Programmes – Education, Health Care and State Welfare Programmes.

Unit V: General Performance of the State 12 Hours

Tourism and Medical Tourism – Women Empowerment Programme – Self Help Groups and Micro Finance – Mahalir-Thittam - Environmental Protection Measures.

Learning Resources:

Text Books

1. Gandhi, P.J. and Anbalagan, P., (2016), *Economy of Tamil Nadu: New Realities and Challenges*, Regal Publications.
2. Leonard, A.G, (2006), *Tamil Nadu Economy*, Macmillan India Limited, New Delhi.

References

1. Manickam. S, (2010), *Economic Development of Tamil Nadu in Perspective*, Uiyarmmai Publications, Chennai.
2. Naganathan, M., (2002), *Tamil Nadu Economy: Trends and Prospects*, University of Madras
3. Rajalakshmi, N., (1999), *Tamil Nadu Economy*, Business Publishers, Bombay.

4. Madras Institute of Development Studies,(1988), *Tamil Nadu Economy: Performance and Issues*, Oxford and IBH Publishing Company Private Limited, New Delhi.
5. Kurien, C.T, and James Joseph., (1979), *Economic Change in Tamil Nadu: A Regionally and Functionally Disaggregated Study*, Allied Publishers Private Limited, New Delhi.

Websites / e-Learning Resources

1. www.tn.gov.in
2. <http://tnenvis.nic.in>
3. <https://www.msmeonline.tn.gov.in>
4. <https://ctd.tn.gov.in>
5. <https://www.tamilnadutourism.tn.gov.in>

CO – PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	3	3	3	3	3	3	3	3	2	3
CO2	3	3	3	3	3	3	3	2	3	3
CO3	3	3	2	3	3	2	3	3	2	3
CO4	3	3	3	3	3	3	3	2	1	3
CO5	3	3	3	3	3	3	3	2	2	3
Average	3	3	2.8	3	3	2.8	3	2.4	2	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS1405	Business Economics	SUP	5	4

This objective of this course is to familiarize with the economic concepts such as demand, consumer behavior and production. It also analyses pricing policies in different market conditions to arrive at the optimal business decisions.

Course Outcomes:

On completion of the course, students will be able to

CO1: identify the positive and normative approaches to economic analysis.

CO2: explain the determinants of demand forecasting.

CO3: analyze the consumer behavior to optimize the utility function of the consumer

CO4: evaluate the theory of production and economies of scale.

CO5: examine the role of price in the optimum allocation of resources in different market structures.

Unit I: Introduction to Economics

15 Hours

Introduction to Economics – Wealth, Welfare and Scarcity Views on Economics – Positive and Normative Economics - Definition – Scope and Importance of Business Economics - Concepts: Production Possibility frontiers – Opportunity Cost – Accounting Profit and Economic Profit – Incremental and Marginal Concepts – Time and Discounting Principles – Concept of Efficiency - Business Cycle: - Theory, Inflation, Depression, Recession, Recovery, Reflation and Deflation.

Unit II: Demand and Supply Functions

15 Hours

Meaning of Demand - Demand Analysis: Demand Determinants, Law of Demand and its Exceptions. Elasticity of Demand: Definition, Types, Measurement and Significance. Demand Forecasting – Factors Governing Demand Forecasting - Methods of Demand Forecasting, Law of Supply and Determinants.

Unit III: Consumer Behaviour

15 Hours

Consumer Behaviour – Meaning, Concepts and Features – Law of Diminishing Marginal Utility – Equi-Marginal Utility – Cardinal and Ordinal concepts of Utility - Indifference Curve: Meaning, Definition, Assumptions, Significance and Properties – Consumer’s Equilibrium. Price, Income and Substitution Effects. Types of Goods: Normal, Inferior and Giffen Goods - Derivation of Individual Demand Curve and Market Demand Curve with the help of Indifference Curve.

Unit IV: Theory of Production

15 Hours

Concept of Production - Production Functions: Linear and Non – Linear Homogeneous Production Functions - Law of Variable Proportion – Laws of Returns to Scale - Difference between Laws of variable proportion and returns to scale – Economies of Scale – Internal and External Economies – Internal and External Diseconomies - Producer’s equilibrium.

Unit V: Market Structure

15 Hours

Price and Output Determination under Perfect Competition, Short Period and Long Period Price Determination, Objectives of Pricing Policy, its importance, Pricing Methods and Objectives – Price Determination under Monopoly, kinds of Monopoly, Price Discrimination, Determination of Price in Monopoly – Monopolistic Competition – Price Discrimination, Equilibrium of Firm in Monopolistic Competition – Oligopoly – Meaning – features, “Kinked Demand” Curve

Learning Resources:

Text Books

1. Chaudhary, C.M., (2019), *Business Economics*, RBSA Publishers, Jaipur.
2. Ahuja, H.L., (2016), *Business Economics Micro and Macro*, Sultan Chand and Sons, New Delhi.

References

1. Mithani, D.M., (2022), *Business Economics*, Himalaya Publishing House, Mumbai.
2. Saluram and Priyanka Jindal, (2022), *Business Economics*, CA Foundation Study Material, Chennai.
3. Jain, T.P., (2021), *Business Economics*, Global Publication Private Limited, Chennai.
4. Ram Singh and Vinay Kumar, (2021), *Business Economics*, Thakur Publication Private Limited, Chennai.
5. Sankaran, S., (2007), *Business Economics*, Margham Publications, Chennai.

Websites / e-Learning Resources

1. <https://www.icsi.edu>
2. <https://www.yourarticlelibrary.com/marketing/pricing/product-pricing-objectives-basis-and-factors/74160>
3. <https://academicbulletins.sc.edu.businesseconomics>
4. <https://subr.libguides.com/cphp?g=512277>
5. <https://libraryguides.nau.edu/c.php?g=1380378>

CO – PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	3	3	2	3	3	3	3	2
CO2	3	3	3	2	2	3	3	3	2	2
CO3	3	3	3	2	2	3	3	3	2	2
CO4	3	3	2	2	2	3	3	2	2	2
CO5	3	3	3	3	3	3	3	3	3	3
Average	3	3	2.8	2.6	2.2	3	3	2.8	2.6	2.2

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS1201	Demography	NME	3	2

The purpose of this course is to recognize the basics concepts of demography. This course also describes various theories and issues related to population growth. The demographic issues include urbanization, migration and trends in population policy in India.

Course Outcomes:

At the end of the course, students will be able to

CO1: describe the various theories of population growth.

CO2: discuss the demographic indicators.

CO3: examine the causes and its impacts on migration & urbanisation.

CO4: explore the major demographic trends and their determinants.

CO5: elucidate population policy of India and study the recent trends.

Unit I: Introduction

9 Hours

Meaning - Scope of Demography – Components of Population Growth – Theories of Population: Malthusian Theory, Optimum Theory and Theory of Demographic Transition.

Unit II: Birth Rate, Death Rate and Fertility

9 Hours

Census Data - Life Tables: Meaning and Uses – Reproductive and Child Health in India – Crude Birth and Death Rate - Age Specific Birth and Death Rates – Fertility – Total Fertility Rate – Gross Reproduction Rate – Net Reproduction Rate.

Unit III: Migration and Urbanisation

9 Hours

Migration and Urbanization – Concepts - Types of Migration - Effects of Migration and Urbanisation on Population – Recent Trends in Migration.

Unit IV: Population Trends

9 Hours

Population Trends – Population Pattern of Age and Sex Structure in Developing Countries.

Unit V: Population Policy in India

9 Hours

Population Policy in India and its Evaluation – Population and Strategies for Human Development of Different Social Groups – National Population Commission – Demographic Dividend.

Learning Resources:

Text Books

1. Rajendra, K. Sharma, (2007), *Demography and Population Problems*, Atlantic Publishers and Distributors Private Limited.
2. Jhingan, M.L, Bhatt and Desai, (2003), *Demography*, Vrinda Publications, New Delhi.

References

1. Sarah Harper, (2018), *Demography: A Very Short Introduction*, Oxford Press.
2. Richard K Thomas, (2018), *Concepts, Methods and Practical Applications in Applied Demography*, Springer.

3. Dudley L. Poston, Jr. and Leon F. Bouvier, (2015), *Population and Society: An Introduction to Demography*, Cambridge University Press.
4. Agarwal, S.N. (1985), *India's Population Problem*, Tata McGraw-Hill, Bombay.
5. Bhende, A. and T.R. Kanitkar, (1982), *Principles of Population Studies*, Himalaya Publishing House.

Websites / e-Learning Resources

1. <https://data.worldbank.org/indicator/SP.POP.TOTL>
2. <https://www.iom.int/>
3. <https://censusindia.gov.in>
4. <https://www.nationalgeographic.org/encyclopedia/demography/>
5. <https://www.nature.com/scitable/knowledge/library/introduction-to-population-demographics-83032908>

CO – PSO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	3	2	2	3	3	1	3	3
CO2	3	3	3	3	2	3	3	2	2	3
CO3	3	3	3	3	3	2	3	3	3	3
CO4	3	3	3	3	3	3	3	3	3	3
CO5	3	3	3	3	2	3	3	3	2	3
Average	3	3	3	2.8	2.4	2.8	3	2.4	2.6	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/wk	Credits
24ECO/ECS1203	Skills for Work Effectiveness	NME	3	2

The aim of this course is to impart the skills on communication, self control, critical thinking and facing the challenges. This course enables the student to develop interpersonal skills, plan, organize and lead the team for a successful endeavor.

Course Outcomes:

At the end of the course, students will be able to

CO1: explain the importance of time, efficiency and productivity in employment.

CO2: analyse the factors affecting skill development.

CO3: demonstrate the skills required for personality development.

CO4: discuss the art of leadership in judging, negotiating and managing situation specific challenges.

CO5: elucidate the strategic skills for a effective manager.

Unit I: Introduction

10 Hours

Economic Activities – Work: Types, Improvement in Work and Productivity – Distinction between Efficiency and Effectiveness – Work Performance and Achievement Possibility Curve – Determination of Work Effectiveness.

Unit II: Skill Development

5 Hours

Skills: Types, Process of Skill Development – Exposure, Acceptance, Adoption, Formation, Execution – Factors Influencing Skill Development.

Unit III: Personality Oriented Skills

10 Hours

Self Confidence – Enthusiasm – Mind Management, Time Management – Discipline – Creativity – Knowledge – Attitude – Perception – Stress Management – Body Language.

Unit IV: Development of Leadership

10 Hours

Leadership – Motivation – Art of Speaking – Judging and Handling People: Controlling, Coaching, Negotiation and Delegation.

Unit V: Resource Oriented Skills

10 Hours

Technology Based Skills – Organising Skills – Coordinating Skills – Marketing Skills – Finance Handling Skills – HRD Skills – Planning Skills.

Learning Resources:

Text Books

1. Asha Aravind Akshan, (2022), *Skills: The Common Denominator*, New Degree Press.
2. Alex, K., (2012), *Soft Skills*, S. Chand and Company Limited.

References

1. Eli Williams, (2023), *The Young Adult's Career Planning Blueprint: Life Skills for Mastering the Job Market and Upgrading Your skills Beyond the College Path*, Eli Williams (Independently Published).

2. Peter Scheele and Nina Cech-Anderson, (2022), *12 Universal Skills: The Beginner's Guide to a Successful Work Life*, Peter Scheele (Independently Published).
3. Anjali Ghanekar, (2016), *Communication and Soft Skill Development*, Everest Publishing House.
4. Bhatia R.L., (2002), *The Executive Track: An Action Plan for Self-Development*, Wheeler Righting.
5. David Goldberg, (1997), *Life skills and leadership*, Tata McGraw–Hill Publication, New Delhi.

CO – PSO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	2	3	1	3	2	1	2	3
CO2	3	3	2	3	1	3	2	1	2	3
CO3	3	3	2	3	3	3	2	1	2	3
CO4	3	3	2	3	2	3	2	1	2	3
CO5	3	3	1	3	2	3	2	2	3	3
Average	3	3	1.8	3	1.8	3	2	1.2	2.2	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS1502	Microeconomics II	Core	5	5

It is a sequential course which deals with the market morphology and price discrimination in the market. The course also probes the monopolistic and oligopolistic competitions and its operation. This course enriches the students about the theories of distribution and the concepts of welfare economics.

Course Outcomes:

At the end of the course, students will be able to

CO1: explain the equilibrium conditions of a firm and industry under perfect competition.

CO2: describe monopoly and the practice of price discrimination.

CO3: analyse the market equilibrium of a firm under monopolistic competition and oligopolistic market structure.

CO4: discuss the importance of theories of distribution.

CO5: elucidate the aspects of welfare economics and general equilibrium.

Unit I: Perfect Competition

15 Hours

Features of Perfect Competition – Equilibrium of the firm and the industry in the Short Run - Long-Run Equilibrium in Perfect Competition - Time Element Analysis.

Unit II: Monopoly and Price Discrimination

15 Hours

Definition of Monopoly – Demand and Marginal Revenue - Equilibrium under Monopoly – Dead Weight Loss - Policies to Control Monopoly – Price Discrimination – Degree of Price Discrimination – Dumping.

Unit III: Monopolistic and Oligopoly Competition

15 Hours

Monopolistic Competition – Features – Product Differentiation – Market Equilibrium and Short Run and Long Run - Group and Industry Equilibrium – Excess Capacity - Oligopoly – Kinked Demand Curve – Collusion – cartels and Price Leadership.

Unit IV: Distribution Theory

15 Hours

Functional and Personal Distribution – Marginal Productivity Theory of Distribution – Product Exhaustion Theorem - Concepts of VMP and MRP

Unit V: Welfare Economics and General Equilibrium

15 Hours

Welfare Criteria – Adam Smith – Edgeworth – Pareto - Kaldor – Market Failure – Externalities – Walrasian General Equilibrium – Static Properties for Consumption, Production, and Distribution.

Learning Resources:

Text Books

1. Ahuja, H.L., (2016), *Principles of Microeconomics*, S. Chand
2. Robert Pindyck and Daniel L.Rubinfeld, (2001), *Microeconomics*, Macmillan.

References:

1. Paul Krugman and Robin Wells, (2020), *Micro Economics*, Worth Publishers.
2. Walter Nicholson and Christopher Snyder, (2016), *Micro Economic Theory - Basic Principles and Extensions*, Cengage Learning India Private Limited.

3. Gregory Mankiw, (2012), *Principles of Microeconomics*, Cengage India.
4. Mansfield, Edwin and Yohe, Gary, (2010), *Microeconomics*, Viva-Norton Indian Edition.
5. Koutsoyiannis, A., (2003), *Modern Microeconomics*, Palgrave Macmillan Publication.

Websites / e-Learning Resources:

1. <https://open.umn.edu/opentextbooks/subjects/economics>
2. <https://global.oup.com>
3. <https://www.economicsnetwork.ac.uk>
4. <https://edge.sagepub.com/sextonmicro8e>
5. <https://www.aeaweb.org/resources/students>

CO – PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	3	3	2	2	2	3	3	3	2	3
CO2	3	3	2	3	2	3	3	3	3	3
CO3	3	3	3	3	2	2	3	2	2	3
CO4	3	3	3	3	2	3	2	2	2	3
CO5	3	3	3	3	2	3	3	2	2	3
Average	3	3	2.6	2.8	2	2.8	2.8	2.4	2.2	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS1402	Statistics for Economics II	Core	4	4

It is a sequential course. It deals with various methods of index numbers and its applications. This course analyses the components, measurement of time series data and theories of probability and its applications. This course also provides insight into the research design, sampling methods and test of hypotheses in research.

Course Outcomes:

At the end of the course, students will be able to

CO1: explain the index numbers.

CO2: analyze the importance of time series data and its measurement.

CO3: describe the concept of probability.

CO4: identify various sampling methods.

CO5: acquire knowledge on hypothesis testing.

Unit I: Index Numbers

12 Hours

Index Numbers – Methods – Unweighted and Weighted Index Numbers – Aggregate and Relative Index Numbers – Chain and Fixed based Index Numbers – Test of Adequacy of Index Numbers – Wholesale Price Index – Consumer Price Index – Cost of Living Index.

Unit II: Time Series Analysis

12 Hours

Definition – Components and Measurement – Graphic Method – Methods of Semi Average, Moving Averages and Method of Least Squares – Uses of Time Series Analysis.

Unit III: Theory of Probability

12 Hours

Key Concepts of Probability – Importance – Theorems of Probability: Addition, Multiplication and Bayes' Theorem - Discrete and Continuous Random Variables – Theoretical Distributions – Binomial, Poisson and Normal – Properties - Uses and Applications.

Unit IV: Sampling

12 Hours

Sampling – Census and Sample Method – Theoretical Basis of Sampling – Methods of sampling – Random and Non – Random Sampling – Size of Sample – Merits and Limitations of Sampling – Sampling and Non-Sampling Errors.

Unit V: Testing of Hypothesis

12 Hours

Hypothesis Testing – Meaning, Types, Sources and Functions of Hypothesis – Test: Null and Alternative Hypothesis – Type – I and Type – II Errors – ‘t’ Test – Paired ‘t’- test – Chi – Square test, ‘F’ test – Analysis of Variance - Oneway and Two-way ANOVA.

Learning Resources:

Text Books

1. Gupta, S.P., (2017), *Statistical Methods*, Sultan Chand and Sons.
2. Anderson, Sweeney and Williams, (2012), *Statistics for Business and Economics*, Cengage.

References

1. Sancheti and Kapoor, (2015), *Statistics*, Sultan and Sons, New Delhi.
2. Gupta, S.C., (2015), *Statistical Methods*, Sultan and Sons, New Delhi.
3. Dominick Salvatore and Derrick Reagle, (2002), *Theory and Problems of Statistics and Econometrics*, McGraw Hill.
4. Anderson, David Ray, (2001), *Statistics for Business and Economics*, South-Western Publications.
5. Monga, G.S., (2001), *Mathematics and Statistics for Economics*, Vikas Publishing House Private Limited, New Delhi.

Websites/e-Learning Resources

1. <https://stattrek.com/statistics/resources>
2. <https://www.cuemath.com/data/f-test>
3. <https://www.statistics.com>
4. <https://thisisstatistics.org/students>
5. <https://oli.cmu.edu/courses/probability-statistics-open-free>

CO – PSO MAPPING

	PSO 1	PSO2	PSO3	PSO 4	PSO5	PSO 6	PSO 7	PSO8	PSO9	PSO10
CO1	3	3	3	3	2	3	3	2	2	3
CO2	3	3	3	3	3	3	3	2	2	3
CO3	3	3	2	2	2	3	3	2	2	3
CO4	3	3	3	3	2	2	3	2	2	3
CO5	3	3	3	3	3	3	3	2	2	3
Average	3	3	2.8	2.8	2.4	2.8	3	2	2	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/wk	Credits
24ECO/ECS1404	History of Economic Thought	Core	4	4

The purpose of this course is to explain the nature and scope of economic thought and its principles. Through tracing the history of economic thought, the student will understand how contemporary Economics came into existence. The course deals with the ideas of classical economists and their ideologies. This course also teaches Keynesian contribution and thoughts of select Nobel laureates in Economics.

Course Outcomes:

At the end of the course, students will be able to

CO1: discuss the knowledge on the subject matter of history of economic thought.

CO2: explain the contributions of the classical ideas of economics.

CO3: describe neo-classical and institutional economic ideas.

CO4: examine the Keynesian school and modern economic ideas.

CO5: elucidate the contribution of select Nobel laureates and Indian philosophers to Economic thought.

Unit I: Pre-Classical Thought

12 Hours

Nature and Scope of Economic Thought - Mercantilism: Growth of Mercantilism - Main Principles – Important Mercantilists - Physiocracy - Main concepts - Important Physiocrats.

Unit II: Classical Economists and Karl Marx

12 Hours

Adam Smith- Division of Labour - Theory of Value – Laissez-faire - Canons of Taxation - Ricardo: Theory of Rent - Comparative Advantage Theory of Trade - Malthus - Theory of Population – Theory of Gluts – Karl Marx-Theory of Surplus Value - Breakdown of the Capitalist System

Unit III: Neo-Classical and Institutional Thought

12 Hours

The Marginalist Revolution: Marshall: Value and Role of Time – Marginal Utility and Consumer’s Surplus – Distribution – Marshallian Concepts – Representative Firm, Economies of Scale, Quasi - Rent- Institutional Economics – Veblen – Mitchell –J.R.Commons.

Unit IV: Keynesian Revolution and Modern Thought

12 Hours

Keynes – Psychological law of Consumption- Effective Demand-Theory of Employment - Schumpeter’s Theory of Innovation - Hicks theory of Trade Cycle - New Keynesian Economics - New classical Economics –Rational Expectation Hypothesis.

Unit V: Nobel Laureates in Economics and Indian Economic Thought

12 Hours

Nobel Laureates in Economics – Paul A Samuelson – Kuznets – Hicks – Myrdal – Milton Friedman – Recent Nobel Laureates (Last Three Years)- Indian Economic Thought – Dadabhai Naoroji - Mahatma Gandhi-B.R. Ambedkar – Amartya Sen – Sen’s Capability Approach –Poverty and Inequality

Learning Resources:

Text Books

1. Bhatia, H.L., (2018), *History of Economic Thought*, S Chand and Company Limited.

- Lokanathan, V., (2009), *History of Economic Thought*, S. Chand and Company Limited.

References

- Paul, R.R, (2018), *History of Economic Thought*, Kalyani Publisher.
- Hajela, T.N., (2015), *History of Economic Thought*, Ane Students Edition.
- Gide and Rist, (2014), *A History of Economic Doctrines*, Nabu Press.
- Jhingan, M.L., M.Girija, L.Sasikala, (2014), *History of Economic Thought*, Virnda Publication.
- Srivastava, S.K., (2002), *History of Economic Thought*, S. Chand Publication.

Websites / e-Learning Resources

- <https://www.hetwebsite.net/het>
- <https://thoughteconomics.com>
- <https://www.nobelprize/economic-sciences>
- <https://www.aeaweb.org/resources/students>
- <https://sites.google.com/site/maeconomicsku/home>

CO – PSO MAPPING

	PSO 1	PSO2	PSO3	PSO 4	PSO5	PSO 6	PSO 7	PSO 8	PSO9	PSO10
CO1	3	3	2	3	1	3	2	1	2	3
CO2	3	3	2	3	1	3	2	1	2	3
CO3	3	3	2	3	3	3	2	1	2	3
CO4	3	3	2	3	2	3	2	1	2	3
CO5	3	3	1	3	2	3	2	2	3	3
Average	3	3	1.8	3	1.8	3	2	1.2	2.2	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk.	Credits
24ECO/ECS1406	Business Environment	SUP	5	4

This course provides the students with an opportunity to identify elements of the political, cultural, legal, economic and social environments in a business organisation that must function in order to adept to the ever-changing business environment.

Course Outcomes:

On completion of the course, students will be able to

CO1: explicate the nexus between environment and business.

CO2: explain the influence of political environment on business conditions.

CO3: evaluate the impact of social and cultural environment on business.

CO4: analyse the economic determinants on business

CO5: appraise the impact of technology on business environment.

Unit I: Introduction

15 Hours

The Concept of Business Environment - Its Nature and Significance – Elements of Environment - Brief Overview of Political – Cultural – Legal – Economic and Social Environments and their Impact on Business and Strategic Decisions.

Unit II: Political Environment

15 Hours

Political Environment – Government and Business Relationship in India – Provisions of Indian Constitution Pertaining to Business

Unit III: Social and Cultural Environment

15 Hours

Social and Cultural Environment – Impact of Foreign Culture on Business – Cultural Heritage - Social Groups - Linguistic and Religious Groups – Types of Social Organization – Relationship between Society and Business - Social Responsibilities of Business.

Unit IV: Economic Environment

15 Hours

Economic Environment – Significance and Elements of Economic Environment - Economic Systems and their Impact of Business – Macro Economic Parameters like GDP - Growth Rate of Population – Urbanization - Fiscal Deficit – Plan Investment – Per Capita Income and their Impact on Business Decisions.

Unit V: Technological Environment

15 Hours

Technological Environment – Concept - Meaning - Features of Technology - Sources of Technology Dynamics - Transfer of Technology- Impact of Technology on Business - Status of Technology in India - Determinants of Technological Environment.

Learning Resources:

Text Books

1. Gupta, C.B., (2022), *Business Environment*, Sultan Chand and Sons, New Delhi.
2. Francis Cherunilam, (2010), *Business Environment*, Himalaya Publishing House, Mumbai.

Reference

1. Sinha, V.C., (2020), *Business Environment*, SBPD Publishing House, Uttar Pradesh.
2. Shaikhsaleem, (2020), *Business Environment*, Pearson, New Delhi.

3. Joshi, R., Sangam Kapoor and Priya Mahajan, (2015), *Business Environment*, Kalyani Publications, New Delhi
4. Veena Keshav Pailwar, (2014), *Business Environment*, PHI Learning Private Limited, New Delhi.
5. Sankaran, S., (2013), *Business Environment*, Margham Publications, Chennai.

Websites / e-Learning Resources

1. www.mbaofficial.com
2. www.yourarticlelibrary.com
3. www.businesscasestudies.co.uk
4. <https://iimm.org>
5. <https://ebooks.inflibnet.ac.in>

CO – PO MAPPING

	PO 1	PO2	PO3	PO 4	PO5	PO 6	PO 7	PO8	PO9	PO10
CO1	3	3	3	3	2	3	3	3	3	2
CO2	3	3	3	2	2	3	3	3	2	2
CO3	3	3	3	2	2	3	3	3	2	2
CO4	3	3	2	2	2	3	3	2	2	2
CO5	3	3	3	3	3	3	3	3	3	3
Average	3	3	2.8	2.6	2.2	3	3	2.8	2.6	2.2

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS1202	Economics for Investors	NME	3	2

This course deals with the concepts of savings and investments. It probes various investment avenues that enable the potential investors to invest their money in money market, capital market and mutual funds. This course also highlights on the rationale behind sound investment based on economic and technical fundamentals.

Course Outcomes:

At the end of the course, students will be able to

CO1: describe various types and importance of savings and investments.

CO2: explain different avenues for investments.

CO3: examine the operations of different types of investment markets.

CO4: evaluate the economic fundamentals for investment.

CO5: construct objectives enabling investment plans, strategy, evaluate and restructure, if required.

Unit I: Introduction

9 Hours

Saving and Investments – Meaning – Types – Importance – Role of Savings and Investment on the development of Individuals – Distributional Role of Investment – Income and Wealth – Equitable Distributional Role.

Unit II: Investment Avenues

9 Hours

Traditional Investment – Cash, Deposits, Gold, Silver, Commodities and Real Estates - Modern Investment – Direct Investment – Portfolio Investment – Insurance - Mutual Funds – Traded Funds.

Unit III: Investment Markets

9 Hours

Capital Market – Share Market – Primary and Secondary – Bond Markets- Money Market – Metal Market – Commodities Markets – Foreign Exchange Market - Hedging – Futures and Options.

Unit IV: Economic Fundamentals for Investors

9 Hours

Domestic Economic Environment: Economic Growth and Development – National Income – Per Capita Income, Unemployment – Taxes, Trade Cycle – Infrastructure – Physical and Economic. Political and Social Environment – International Economic Environment: International Economic Growth and Development, Trade, Foreign Exchange - Global Recession - Oil Market – War between Countries.

Unit V: Investment Methods and Strategies

9 Hours

Cash Flow – Capital Gain – Risk Rewarding – Asset Accumulation – Risk Distribution – Asset Management.

Learning Resources:

Text Books

1. Todd A Finkle, (2023), *Warren Buffett: Investor and Entrepreneur*, Columbia University Press.
2. Esme Faerber, (2013), *All About Stocks*, Tata McGraw Hill, New Delhi.

References

1. John C Bogle, (2017), *The Little Book of Common–Sense Investing: The Only Way to Guarantee Your Fair Share of Stock Market Returns*, Wiley Publications.
2. Robert T. Kyosaki, (2014), *Guide to Investing*, Business Plus.
3. William J.O’Neil, (2009), *How to Make Money in Stocks: A Winning System in Good Times and Bad*, McGraw Hill Education.
4. Mary Buffett and David Clark, (2002), *The New Buffettology*, Simon and Schuster Publications.
5. Benjamine Graham, (1949), *The Intelligent Investor*, Harper and Brothers.

Websites/e-Learning Resources

1. <https://www.capitalmarket.com>
2. <https://www.icmagroup.org>
3. <https://www.nseindia.com>
4. <https://www.stockbrokers.com/guides/beginner-investors>
5. <https://www.nasdaq.com/articles/10-best-stock-trading-websites-for-beginners>

CO – PSO MAPPING

	PO 1	PO2	PO3	PO 4	PO5	PO 6	PO 7	PO8	PO9	PO10
CO1	3	3	2	3	3	3	3	1	1	3
CO2	3	3	3	3	3	3	2	2	1	3
CO3	3	3	3	3	3	3	3	1	1	3
CO4	3	3	3	3	3	3	3	1	1	3
CO5	3	3	3	3	3	3	3	2	1	3
Average	3	3	2.8	3	3	3	2.8	1.4	1	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS1204	Decision Making and Goal Setting	NME	3	2

This objective of this course is to train the learner towards a focus and direction for a career. This course helps the students to develop a solid foundation of planning, organizing his future and making sound decisions by setting short and long-term goals using the smart goals model.

Course Outcomes:

At the end of the course, students will be able to

CO1: comprehend the types of decision making and their likely outcomes.

CO2: evolve the strategic decision making to experience win-win situation.

CO3: develop the art of smartness in decision making.

CO4: design a pragmatic approach to decision making to avoid failures.

CO5: invoke self-introspection to evolve a mature decision making.

Unit I: Decision Making

9 Hours

Meaning and definition of Decision making – Purpose – Barriers to decision making – Different types – Phases of decision making – Steps to decision making.

Unit II: Decision Strategies

9 Hours

Kinds of decision – decision strategies – Pareto analysis – Paired comparison analysis – Grid analysis – Decision tree – Cost Benefit and Cost – Effectiveness.

Unit III: Goal Setting and Practicing Goal Setting

9 Hours

Concept and Importance of Goals – Dream vs. Goal – Failure of goal setting – Types of goals – SMART goals (Specification, Measurable, Action oriented, Realistic and Time bound) – Art of prioritization – Do's and Don'ts about Goals – Practical Goal Setting.

Unit IV: Action plan

9 Hours

From aspiration to achievable target – action plan.

Unit V: Case Study

9 Hours

Self-analysis of Decision Making – Dream – Goal Setting – Achievement Motivation and Accomplishment.

Learning Resources:

Text Books

1. Edwin A Locke, Gary P. Latham, (2012), *New Developments in Goal Setting and Task Performance*, Routledge, New Delhi.
2. Aditya Sachdev, (2008), *The Right Decision Every Time*, Lotus Press, New Delhi.

References

1. Pankaj Garg, (2020), *Decisions: How to Master the Art of Decision Making*, Notion Press.
2. Richard Koch, (2007), *Living in the 80/20 Way*, Nicholas Brealey Publishing, London.
3. Irai Anbu,V, (2007), *Steps to Super Student*, New Century Book House, Chennai.
4. Jeanne Sharbuno, (2006), *Fifty-Two Ways to Live Success*, Jaico Publishing House,

Mumbai.

5. Mridula Agarwal, (2005), *The Ten Rules of Success*, Rupa and Company, New Delhi.

Websites/e-Learning Resources

1. <https://www.mindtools.com>
2. <https://positivepsychology.com>
3. <https://www.workleap.com>
4. <https://www.fastercapital.com>
5. <https://www.inded.com>

CO – PSO MAPPING

	PO 1	PO2	PO3	PO 4	PO5	PO 6	PO 7	PO8	PO9	PO10
CO1	3	3	3	3	3	3	2	3	3	3
CO2	2	3	3	3	3	3	3	2	3	3
CO3	3	3	3	3	2	3	3	3	3	3
CO4	3	3	3	2	3	2	3	3	3	3
CO5	3	3	3	3	3	2	2	3	3	3
Average	2.8	3	3	2.8	2.8	2.6	2.6	2.8	3	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS1200	Environmental Studies	AEC	3	2

The objective of this course is to create awareness about solving environmental problems and gain knowledge about different types of pollution in the environment. It also focuses on various protection and policy measures to protect the environment.

Course Outcomes:

At the end of the course, students will be able to

CO1: explain the environment as a public good.

CO2: identify environmental problems and applying remedial measures.

CO3: appraise the role of corporate and NGO's in environmental protection.

CO4: evaluate environmental policies in practice.

CO5: examine the role of media in the protection of environment

Unit I: Basics in Environmental Studies

9 Hours

Multi-disciplinary Nature of Environmental Studies – Definition – Scope and Significance – Need for public awareness- Environment as Public Goods – Resource Economics – Conservation of Resources.

Unit II: Environmental Problems

9 Hours

Environmental Pollution: Air, Water, Land, Noise – Causes – Consequences – Remedial Measures.

Unit III: Environmental Protection

9 Hours

Environmental Cost of Economic Growth – Cost-Benefit Analysis – Social Cost Benefit analysis – Sustainable Development – Role of NGO - CHIPKO movement- Corporate Social Responsibility – Institutional Social Responsibility.

Unit IV: Policy Measures

9 Hours Basic

Approaches to Environmental Policies – Control and Effluent Fees - India's Environmental Policy - International Environmental Policy.

Unit V: Environment and Media

9 Hours

Role of Media in Environmental Protection - Social Media and Environment - Knowledge Sharing in Environment and Media.

Learning Resources:

Text Books

1. Erach Bharucha, (2021), *A Textbook of Environmental Studies for Undergraduate Courses*, Orient Blackswan Private Limited.
2. Asthana, D.K. and Meera Asthana, (2010), *A Textbook of Environmental Studies*, S. Chand,

References

1. Ganesamurthy, V.S. (2009), *Environmental Economics in India*, New Century Publications, New Delhi.
2. Eugene, T., (2004), *Environmental Economics*, Virnda Publications Private Limited.
3. Sankaran, S. (2004), *Environmental Economics*, Margham Publications, Chennai.
4. Sankar, U., (2003), *Environmental Economics*, Oxford University Press, New Delhi.
5. Karpagam, M., (2001), *Environmental Economics*, Sterling Publications Private Limited, New Delhi.

Websites / e-Learning Resources

1. www.wikipedia.org/wiki/Environmental_studies
2. www.sustainabledevelopment.com
3. www.researchguides.gonzaga.edu/environment
4. www.libguides.humboldt.edu/openedu
5. www.iowalakes.libguides.com/enviromental_studies

CO – PSO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	2	3	2	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3	3	3
CO3	3	3	3	3	2	3	2	3	3	3
CO4	3	3	3	3	3	3	2	3	3	3
CO5	3	3	3	3	3	3	3	3	3	3
Average	3	3	2.8	3	2.6	3	2.6	3	3	3

Strong - 3**Medium – 2****Low - 1**

Course Code	Name of the Course	Category	Hours/Wk.	Credits
24ECO/ECS2401	Macro Economics I	Core	4	4

This course introduces the concepts of national income and its related terminologies. This course also analyses classical and Keynesian theory of employment. It evaluates theory of consumption and also explains the concept of inflation and its types.

Course Outcomes:

At the end of the course, students will be able to

CO1: explain the structure of macroeconomics and the concepts of GDP.

CO2: discusses the concepts in classical theory of employment.

CO3: describe Keynesian theory of under-employment.

CO4: examine the theories of consumption function.

CO5: analyse types and the impact of inflation on economy.

Unit I: Introduction: National Income

12 Hours

National Income: Definition – Concepts: GDP, GNP and Per Capita Income - National Income Measurement: Expenditure, Income and Value Added Approaches - Real and Nominal GDP – National Income Accounting - GDP Deflator – Green GDP – Happiness Index - Circular Flow of Income and Expenditure.

Unit II: Full Employment: Classical Theory

12 Hours

Introduction - Aggregate Demand and Aggregate Supply – Assumptions of Classical Theory – Say’s Law – Wage and Price Flexibility - Employment and Output determination in Classical Model - Three Ranges in Aggregate Supply (AS) Curve.

Unit III: Under Employment: Keynesian Theory

12 Hours

Keynes’s Critique of Classical Theory – Involuntary Unemployment – Underemployment Equilibrium- Effective Demand – Components - Wage Rigidity – Liquidity Preference - Consumption Function: Meaning and Attributes - Investment – Marginal Efficiency of Capital-Multiplier.

Unit IV: Theories of Consumption

12 Hours

Keynesian Absolute Income Hypothesis – Duesenberry’s Relative Income Hypothesis – Friedman’s Permanent Income Hypothesis – Modigliani’s Life Cycle Hypothesis.

Unit V: Inflation

12 Hours

Inflation: Definition and Types -Demand Pull -Cost Push and Mark-up Inflation – Consumer Price Index – Wholesale Price Index – Producer Price Index – Headline and Core Inflation - Phillips Curve.

Learning Resources:

Text Books

1. Mankiw, N Gregory, (2022), *Macroeconomics*, Worth Publishers, New York.
2. Ahuja, H.L, (2019), *Macro Economics: Theory and Policy*, S. Chand Publishing Company.

References

1. Dwivedi, D.N., (2018), *Macroeconomics: Theory and Policy*, Mc Graw Hill Education,
2. Rudiger Dornbusch, Stanley Fischer, and Richard Startz, (2018), *Macroeconomics*, Tata McGraw-Hill Publishing Company, New Delhi.

3. Parkin, M., (2014), *Macro Economics*, Pearson.
4. Blanchard, Olivier and David R. Johnson, (2013), *Macroeconomics*, Pearson.
5. Roger E. A. Farmer, (2002), *Macroeconomics*, Thompson Asia Private Limited, Singapore.

Websites / e - Learning Resources

1. <http://www2.econ.iastate.edu/tesfatsi/sources.htm>
2. <https://www.khanacademy.org/economics-finance-domain/macroeconomics>
3. <https://www.econlib.org>
4. <https://economics.mit.edu/>
5. <https://hbswk.hbs.edu/>

CO – PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	3	3	3	3	3	2	3	3	3	3
CO2	3	3	2	3	2	2	3	2	2	3
CO3	3	3	2	3	3	2	3	2	2	3
CO4	3	3	3	3	2	2	3	2	2	3
CO5	3	3	2	3	2	2	3	2	2	3
Average	3	3	2.4	3	2.4	2	3	2.2	2.2	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk.	Credits
24ECO/ECS2403	Fiscal Economics	Core	4	4

The objective of this course is to study about the various aspects of fiscal economics and its applications. It describes the budget process and features of a good tax system. This course also analyzes the trends in public expenditure and debt management. This course seeks to evaluate the latest budget presented by the Government of India.

Course Outcomes:

At the end of the course, students will be able to

CO1: explain the importance and instruments of fiscal economics.

CO2: discuss the principles and theories of public finance.

CO3: describe the budget, Indian tax system and policy.

CO4: discuss the classifications of public expenditure and public debt.

CO5: analyse the Indian public finance and policy recommendations of latest finance commission on centre-state relations.

Unit I: Introduction

12 Hours

Fiscal Economics: Importance, Scope, Objectives – Major Fiscal Functions - Principle of Maximum Social Advantage.

Unit II: Theories of Fiscal Economics and Policy

12 Hours

Benefit Theory - The Ability to Pay Theory - Equal Sacrifice Principle - Fiscal Policy and its Instruments.

Unit III: Budget and Taxation

12 Hours

Public Budget: Types and Budget Procedure - Taxation – Canons of Taxation - Direct and Indirect Taxes - Concept of Impact - Incidence and Shifting of Taxation - Determination of Tax able capacity.

Unit IV: Public Expenditure and Debt

2 Hours

Public Expenditure: Canons and Classification -Wagner’s Law of Public Expenditure - Public Debt: Meaning and Types, Burden of Public Debt - Principles of Public Debt Management – Deficit Financing.

Unit V: Indian Public Finance

12 Hours

Budget of the Government of India (Previous Financial Year) - Sources of Public Receipts (Tax and Non-Tax, GST and its Impact) - Growth and Causes of Public Expenditure in India - Sources of Public Borrowing - Appraisal of the Fiscal Responsibility and Budget Management (FRBM), Fiscal Federalism: Center and State Relations - Recommendations of the Recent Finance Commission.

Learning Resources:

Text Books

1. Bhatia H.L., (2020), *Public Finance*, Vikas Publications, New Delhi.
2. Tyagi, B.P and H.P. Singh, (2018), *Public Finance*, Jai Prakash Nath and Company, Meerut.

References

1. Kaushik Basu and Maertens, (2013), *The New Oxford Companion to Economics in India*, Oxford University Press.
2. Maria John Kennedy, (2013), *Public Finance*, PHI Learning Private Limited, New Delhi.
3. Singh, S.K, (2008), *Public Finance in Theory and Practice*, Kalyani Publishers.
4. Richard. A. Musgrave, Peggy B. Musgrave, (2006), *Public Finance in Theory and Practices*, McGraw Hill, New York.
5. Harvey Rosen, (2005), *Public Finance*, McGraw Hill Publications.

Websites / e- learning Resources

1. <https://finmin.nic.in>
2. <https://www.nipfp.org.in>
3. <https://www.niti.gov.in>
4. <https://www.gst.gov.in>
5. <https://www.indiabudget.gov.in>

CO – PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO ₈	PSO9	PSO10
CO1	3	3	2	3	3	3	3	2	3	3
CO2	3	3	2	3	2	3	3	3	2	3
CO3	3	3	3	3	2	3	3	3	3	3
CO4	3	3	3	3	3	3	3	3	3	3
CO5	3	3	3	3	3	3	3	3	3	3
Average	3	3	2.6	3	2.6	3	3	2.8	2.8	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/ wk	Credits
24ECO/ECS2405	International Economics	Core	4	4

The objective of this course is to evaluate various theories on International Trade. This course also probes the functioning of foreign exchange market and its operations. This course describes the causes of disequilibrium in the balance of payment and trade policy of developing countries.

Course Outcomes:

At the end of the course, students will be able to

CO1: elucidate theories of international trade.

CO2: analyse the operations of the foreign exchange market.

CO3: explain the BOP disequilibrium and international trade policy.

CO4: describe concepts of foreign exchange market.

CO5: discuss trade policies adopted by different countries.

Unit I: Introduction

12

Hours Nature and Scope of International Economics - The Globalization of the World Economy - International Trade and the Nation's Standard of Living - International Trade Policy - Current International Economic Problems and Challenges.

Unit II: International Trade Theories

12 Hours

Absolute Advantage: Adam Smith - Comparative Advantage: David Ricardo - Opportunity Cost: Haberler - Reciprocal Demand: Mill - Offer Curves: Marshall - Factor Endowments: Heckscher-Ohlin - Leontief Paradox - Economic Growth and International Trade.

Unit III: Foreign Exchange Market

12 Hours

Foreign Exchange Market: Function and structures - Exchange Rates: Fixed, Flexible, Floating, Pegged, Nominal and Real Exchange Rates - Theories of Exchange Rates: Mint Parity Theory, Purchasing Power Parity Theory and Balance of Payments Theory.

Unit IV: Balance of Payments

12 Hours

The Balance of Payments Account - Equilibrium and Disequilibrium in BOP - Surplus and Deficit in BOP - Adjustment Mechanism: Direct and Indirect Mechanisms – Export Promotion and Import Substitution.

Unit V: Terms of Trade and Trade Policy

12 Hours

Terms of Trade: Concept and Determinants - Terms of trade and Economic Development - Tariff and Non-Tariff Barriers – Effects – Quotas - Import Quotas Vs Tariffs - Free Trade and Economic Development - Free Trade Vs Protection.

Learning Resources:

Text Books

1. Gupta, K.R., (2017), *International Economics*, Atlantic Publishers.
2. Jhingan, M.L., (2016), *International Economics*, Vrinda Publications.

References

1. Leamer, E. E., and Stern, R. M., (2017), *Quantitative International Economics*, Routledge.
2. Dwivedi, D. N., (2013), *International Economics: Theory and Policy*, Vikas Publishing House, New Delhi.

3. Paul Krugman, Maurice Obstfeld and Marc Melitz, (2012), *International Economics: Theory and Policy*, Addison-Wesley Publications.
4. Cherunilam, Francis, (2006), *International Economics*, Tata McGraw-Hill Publishing Company Limited, New Delhi.
5. Mithani D.M., (2002), *Introduction to International Economics*, Vora Publishers, Bombay.

Websites / e - Learning Resources

1. <https://www.imf.org>
2. <https://www.forextime.com/education/forex-trading-for-beginners>
3. <https://www.weforum.org/>
4. <https://www.wto.org/>
5. https://policy.trade.ec.europa.eu/eu-trade-relationships-country-and-region/negotiations-and-agreements_en

CO – PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO ₈	PSO9	PSO10
CO1	3	3	2	3	1	3	2	1	2	3
CO2	3	3	2	3	1	3	2	1	2	3
CO3	3	3	2	3	3	3	2	1	2	3
CO4	3	3	2	3	2	3	2	1	2	3
CO5	3	3	1	3	2	3	2	2	3	3
Average	3	3	1.8	3	1.8	3	2	1.2	2.2	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/wk	Credits
24ECO/ECS2407	Mathematics for Economics	Core	4	4

The objective of this course is to integrate the concepts of Economics and Mathematical tools to explain the economic laws through quantitative equations. This course introduces the rudimentary concepts of matrix, algebra, differentiation, second-order derivatives and the maxi-mini function to Economic theory.

Course Outcomes:

At the end of the course, students will be able to

CO1: state the basic concepts of Mathematics and its application in Economics.

CO2: analyze the relevance of types of matrixes.

CO3: calculate optimal values in the system of equations and state the importance of input-output analysis.

CO4: apply the rules of differentiation and its economic applications.

CO5: optimize single variable functions in Economics.

Unit I: Introduction

12 Hours

Variables, Constants, Equations and its types – Uses and limitations of Mathematics in Economics - Functions of one or more variables – Linear function, Parabola, Rectangular Hyperbola - Exponential, Logarithmic, Power function and Homogenous Function – Applications in Economics.

Unit II: Matrix Algebra and Determinants

12 Hours

Types of Matrices- Matrix Operations – Addition – Subtraction - Matrix Multiplication – Transpose –Determinants, Inverse and Properties (Problems)

Unit III: Applications of Matrix Algebra

12 Hours

Solving a system of Linear Equations – Cramer’s Rule and Matrix Inverse Method- Leontief’s Input-Output Model – Open and Closed Model - Components, Uses, and Limitations - Hawkins – Simon Conditions for Viability of Input and Output Model (Problems).

Unit IV: Differentiation

12 Hours

Limits and Continuity – Differentiability of a Function – Slope of a Curve – Increasing and Decreasing Functions – Rules - Exponential and Logarithmic Functions - Implicit Differentiation – Economic Applications: Marginal and Elasticity Concepts – Relationship between AR, MR, and Price Elasticity of Demand – Relationship Between Average and Marginal Cost.

Unit V: Optimization (Single Variable)

12 Hours

Second Order Derivatives – Maximization and Minimization of a Function – Economic Applications – Output and Revenue Maximization - Cost Minimization – Profit Maximization under Perfect Competition, Monopoly, Discriminating Monopoly (Problems).

Learning Resources:

Text Books

1. Mehta and Madnani, (2019), *Mathematics for Economists*, Sultan Chand and Sons.
2. Ian Jacques, (2018), *Mathematics for Economics and Business*, Pearson.

References

1. Carl P Simon and Lawrence E. Blume, (2010), *Mathematics for Economists*, W. W. Norton and Company.
2. Allen, R.G.D., (2008), *Mathematical Analysis for Economists*, Macmillan and Company Limited.
3. Edward T. Dowling, (2002), *Mathematical Methods for Business and Economics*, 3rd Edition, Schaum’s Outline Series, Mc Graw Hill.
4. Sydsaeter, K. and P. Hammond, (2002), *Mathematics for Economic Analysis*, Pearson Educational Asia, Delhi.
5. Chiang, A. C., (1984), *Fundamental Methods of Mathematical Economics*, McGraw-Hill.

Websites/ e-Learning Resources

1. <https://www.coursera.org/learn/mathematics-for-economists>.
2. <https://mitpress.mit.edu/9780262294805/mathematics-for-economics/>
3. <https://hummedia.manchester.ac.uk/school/soss/economics/pg/psmaths/pre-sessionmathbook.pdf>
4. <https://mitpress.mit.edu/9780262046626/mathematics-for-economics/>
5. <https://www.cambridgescholars.com>

CO – PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO ₈	PSO9	PSO10
CO1	3	3	3	2	1	2	2	1	2	2
CO2	3	3	3	3	1	2	2	2	1	2
CO3	3	3	3	3	2	2	2	2	1	2
CO4	3	3	3	3	2	2	2	2	1	3
CO5	3	3	3	3	1	2	2	2	1	3
Average	3	3	3	2.8	1.4	2	2	1.8	1.2	2.4

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/wk	Credits
24ECO/ECS2201	Computer Application in Economics	SEC	3	2

The objective of this course is to understand the basics of computer and application of common software like MS Office and MS Excel for data processing and economic analysis using mathematical and statistical functions.

Course Outcomes:

At the end of the course, students will be able to

CO1: explain the basics of computer and its parts.

CO2: illustrate and apply MS Office and its basic operations.

CO3: operate MS Excel and its functions

CO4: process real data using functions in MS Excel.

CO5: apply MS Excel using mathematical and statistical functions to economic analysis.

Unit I: Introduction to Computers

9 Hours

Computer and Peripherals: Meaning, Types, Features and Limitations – Basic Components – Input and Output Devices – Primary Memory and Secondary Storage – Computer Software – Types – Malicious Software – Operating Systems: Functions and Types.

Unit II: MS Office

9 Hours

Windows Explorer - MS Word: Basic Operations in Word – Editing– Formatting – Text Creation of Tables and Volumes - MS Power Point Presentation - Creating, Opening and Saving Slideshow and Animations - MS Excel: Work Sheet and Work Book - Opening and Formatting.

Unit III: Data Processing

9 Hours

Data Processing Techniques using MS Excel: Concept of Data – Record and File – Types of Data – Data Entry – File Handling and Operations – Opening, Appending and Cascading – Closing and Attribute Controls – Data Storage and Retrieval.

Unit IV: Introduction to MS Excel

9 Hours

Calculation Operators: Arithmetic Operators – Comparison Operators – Logical Operations - Excel Tool Bars- Formatting of Text, Tables and Graphs.

Unit V: Application of MS Excel in Statistics and Economics

9 Hours

Descriptive Statistics: Mean, Median, Mode and Standard Deviation Variance - Index Numbers and Growth Rates - Demand Function - Supply Function, Production Function and Consumption Function - Demand for and Supply of Money- Correlation – Regression.

Learning Resources:

Text Books

1. Dan Kookin, (2021), *Word for Dummies*, Wiley Publishers.
2. Hem Chand Jain and H.N. Tiwari, (2019), *Computer Applications in Business*, Taxmann Publication.

References

1. Parameswaran, R., (2008), *Computer Application in Business*, S. Chand Limited.
2. Greg Harvey, (2007), *Microsoft Office Excel 2007 For Dummies*, Wiley Publishers.
3. Oscar Afonso, Paulo B. Vasconcelos, (2006), *Computational Economics: A Concise Introduction*, Routledge.
4. Alexis Leon and Mathews Leon, (2001), *Introduction to Computers with Ms-Office 2000*, McGraw Hill Education.
5. Cornelis van de Panne, (1999), *Introductory Financial Economics with Spreadsheets*, Harwood Academic Publishing.

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1. <https://www.excel-easy.com/basics.html>
2. <https://excelchamps.com/excel-basics/>
3. <https://edu.gcfglobal.or/en/topics/excel/>
4. <https://trumpexcel.com/learn-excel/>
5. <https://www.simplilearn.com/learn-ms-excel-free-training-course-skillup>

CO – PSO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	2	2	1	3	3	1	1	1
CO2	3	3	3	2	2	3	3	1	1	1
CO3	3	3	3	3	2	3	3	1	1	2
CO4	3	3	3	3	2	3	3	1	1	2
CO5	3	3	3	3	2	3	3	1	1	3
Average	3	3	2.8	2.6	1.8	3	3	1	1	1.8

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/wk	Credits
24ECO/ECS2402	Macro Economics II	Core	4	4

It is a sequential course. The objective of this course is to analyse IS-LM model and explain the causes of business cycle. This course also imparts the understanding on macroeconomic policies like monetary policy, fiscal policy and its instruments.

Course Outcomes

At the end of the course, students will be able to

CO1: explain the IS-LM model.

CO2: examine the operation of theories of business cycles.

CO3: analyse the components of demand for and supply of money.

CO4: evaluate the effectiveness of fiscal policy.

CO5: describe the supply side Economics.

Unit I: IS-LM Model

12 Hours

Investment and Interest Rate – Money Demand, Money Supply and the interest rate – Derivation of IS and LM Curve – Shifts in IS Curve and Shifts in LM Curve

Unit II: Business Cycles

12 Hours

Phases of Business Cycles – Macroeconomic Variables and Business Cycles – Classical Theory and Business Cycles – Hawtrey, Von Hayek, Schumpeter Hicks, Kaldor and Samuelson Models – Keynesian theory of Business Cycles

Unit III: Monetary Policy

12 Hours

Money - Functions of Money - Money Supply and Money Demand – Classical Dichotomy – Keynesian theory of Money Demand – Instruments of Monetary Policy - IS-LM Model and Monetary Policy

Unit IV: Fiscal Policy

12 Hours

Fiscal Policy - Instruments- Classical and Keynesian Theory of Fiscal Policy– Fiscal Expansion – IS-LM Model and Fiscal Policy – Critique of Fiscal Policy – Three Ranges in LM Curve

Unit V: Supply Side Economics

12 Hours

Rational Expectation Hypothesis – New Classical School – Contribution of Robert Lucas – New Keynesian School.

Learning Resources:

Text Books

1. Andrew B. Abel and Ben S. Bernanke, (2011), *Macroeconomics*, Pearson Education, Incorporated, 7th Edition.
2. Ahuja H.L, (2016), *Macroeconomics: Theory and Policy*, S. Chand and Company.

References

1. Soumen Sikdar., (2020), *Principles of Macroeconomics*, Oxford University Press India.
2. Mankiw Gregory, (2017), *Principles of Macroeconomics with Coursemate*, Books Express Publications.
3. Parkin, M., (2014), *Macroeconomics*, 11th Edition.
4. Roger E.A. Farmer, (2002), *Macro Economics*, Thompson Asia Private Limited, Singapore
5. Mueller, M.G, (1978), *Readings in Macro Economics*, Surjeet Publications, New Delhi.

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1. <https://tradingeconomics.com>
2. <https://www.bu.edu/econ/files/2014/08/DLS1.pdf>
3. <https://www.imf.org>
4. <https://www.aeaweb.org/resources/students>
5. <https://www.worldbank.org/en/topic/macroeconomics>

CO– PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	3	3	2	3	1	3	2	1	2	3
CO2	3	3	2	3	1	3	2	1	2	3
CO3	3	3	2	3	3	3	2	1	2	3
CO4	3	3	2	3	2	3	2	1	2	3
CO5	3	3	1	3	2	3	2	2	3	3
Average	3	3	1.8	3	1.8	3	2	1.2	2.2	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS2404	Monetary Economics	Core	4	4

The objective of this course is to introduce the students on the theories that governs the monetary policy. It also explains the working of monetary system, role of commercial banks and the role of central bank. This course makes a comparative analysis of Monetarism and Keynesianism.

Course Outcomes

At the end of the course, students will be able to

CO1: explain the money and its functions.

CO2: discuss the demand for money and its determinants.

CO3: elucidate the information on supply of money and its determinants.

CO4: analyse operations of commercial banks and money multiplier.

CO5: identify the monetary policy implications.

Unit I: Money

12 Hours

Definition, Functions, Importance - Classification of Money - Evils of Money

Unit II: Demand for Money

12 Hours

Demand for Money: Classical, Keynesian and Baumol's Inventory Theoretic Approach - James Tobin's Portfolio Approach - Milton Friedman's Reformulated Quantity Theory.

Unit III: Monetarism Vs Keynesianism

12 Hours

Monetarism Vs Keynesianism - Supply of Money (M1, M2, M3, M4) - Determinants of Money Supply – Money Multiplier.

Unit IV: Commercial Banks

12 Hours

Commercial Banks: Functions – Structure - Credit Creation – Role of Commercial Banks after Nationalisation - RBI's Role in Commercial Banks - Narasimhan Committee Report.

Unit V: Monetary Stability and Central Bank

12 Hours

Central Bank: Functions - Comparison between Central Banking and Commercial Banking - Inflation: Definition, Types, Causes and Effects - Monetary Policy and its Operations in India.

Learning Resources:

Text Books

1. Suraj B. Gupta, (2019), *Monetary Economics: Institutions, Theory and Policy*, S. Chand.
2. Seth, M.L., (2016), *Monetary Economics*, Lakshmi Narain Agarwal, Agra.

References

1. Jhingan, M. L., (2012), *Monetary Economics*, Virndha Publication, New Delhi.
2. Vaish, M.C., (2004), *Money, Banking and International Trade*, New Age International Private Limited, New Delhi.
3. Seth, T.T., (2003), *Monetary Economics*, S. Chand and Company, New Delhi.
4. Sundaram, K.P.M., (1996), *Money, Banking and International Trade*, Vikas Publications, New Delhi.
5. Gupta, R.D. (1995), *Keynes and Post-Keynesian Economics*, Kalyani Publishers, New Delhi.

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1. www.rbi.org.in
2. <https://www.imf.org>
3. <https://www.oecd.org>
4. <https://www.bis.org/publ/work437.pdf>
5. <https://www.worldbank.org/>

CO – PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	3	3	2	2	2	2	3	2	1	1
CO2	3	3	2	3	3	3	3	3	1	2
CO3	3	3	3	3	2	3	3	2	2	2
CO4	3	3	3	3	3	3	3	3	1	3
CO5	3	3	3	3	3	3	3	3	1	3
Average	3	3	2.6	2.8	2.6	2.8	3	2.6	1.2	2.2

Strong - 3**Medium – 2****Low - 1**

Course Code	Name of the Course	Category	Hours/Wk	Credit
24ECO/ECS2406	Industrial Economics	Core	4	4

The objective of this course is to enable the students to state the features, performance and development issues of the Indian Economy. This course also imparts knowledge on the growth patterns of industrial sector in India.

Course Outcomes

At the end of the course, students will be able to

CO1: list out the importance of industrial economics.

CO2: explain theories of industrial location.

CO3: analyse the relevance of industrial policies.

CO4: identify the industrial belts in India and industrial clusters in different countries of the world.

CO5: examine the industrial growth in the Indian economy.

Unit I: Introduction

12 Hours

Nature and scope of Industrial Economics - History of Industrial Revolution - Digital Revolution - Classification of Industries: Public Sector, Private Sector and Public Private Partnerships - Large, MSMEs, Cottage Industries - Concept of Plant, Firm and Industry.

Unit II: Theories of Location

12 Hours

Theories of Industrial Location - Weber - Sargant Florence - Factors Affecting Location - Localization - Glocalization of Industries – Decentralization of Industries - Industrial Efficiency and Economic Efficiency - Measures of Concentration - Concentration Ratio - Hirschman - Herfindahl Index.

Unit III: Industrial Licensing and Policies

12 Hours

Industrial Licensing – MRTP Act – Industrial Policies - Industrial Productivity - Capacity Utilization - Industrial Sickness- Mergers and Acquisitions – Profitability and Efficiency.

Unit IV: Industrial Regions

12 Hours

Industrial Regions of the World and India - Industrial Clusters in India - Sunrise Sector - Regional Backwardness - Government Initiatives.

Unit V: Growth Trends in India

12 Hours

Industrial Growth in India: Trends and Prospects – Incentives to Promote Industrialization – Ease of Doing Business Ranking - MNCs in India - Special Economic Zones - FDI Policy - Make in India Initiative - National Manufacturing Policy.

Learning Resources:

Text Books

1. Ranjana Seth, (2010), *Industrial Economics*, Ane's Student Edition.
2. Barthwal, R.R., (2007), *Industrial Economics: An Introductory Text book*, New Age International Publishers.

References

1. Dhingra, I.C. and Nitin Dhingra, (2013), *Industrial Economics*, Book Age Publications
2. Paul Belleflameet, (2012), *The theory of Industrial Organisation - Markets and Strategies*, Cambridge University Press.
3. John Weiss, (2011), *The Economics of Industrial Development*, Routledge.
4. Martin, S., (2001), *Advanced Industrial Economics*, 2nd Edition, Wiley-Blackwell
5. Kuchhal, S.C., (1980), *Industrial Economy of India*, Chaitanya Publishing House, Allahabad

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1. <https://www.india.gov.in/topics/industries>
2. <https://business.mapsofindia.com/india-industry>
3. <https://dpiit.gov.in>
4. <https://dri.nic.in>
5. <https://msme.gov.in>

CO – PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	3	3	1	3	2	3	2	2	2	3
CO2	3	3	2	3	2	3	3	2	1	3
CO3	3	3	2	3	3	3	2	2	1	3
CO4	3	3	2	3	3	3	3	1	2	3
CO5	3	3	2	3	3	3	3	1	1	3
Average	3	3	1.8	3	2.6	3	2.6	1.6	1.4	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/wk	Credits
24ECO/ECS2408	Principles of Marketing	Core	4	4

The course assesses the nature, scope and buying behaviour of the consumer. This course also analysis the functions of marketing and the need for market segmentation. This course also analyses the marketing techniques and services. This course will enable the student to develop the new marketing strategies and skills in the field of business.

Course Outcomes:

At the end of the course, students will be able to

CO1: explain different operations in the market.

CO2: analyze the consumer behaviour, product differentiation and marketing mix.

CO3: assess the concept of product mix, product life cycle, pricing policies and pricing of new products.

CO4: describe the channels of distribution, sales promotion and their distinctive characteristics.

CO5: evaluate the concepts of modern marketing and its elements.

Unit I: Introduction 12 Hours

Marketing: Definition, Nature and Scope – Marketing Functions – Modern Concept of Marketing – Classification of Markets – Buying – Transportation – Warehousing – Standardization – Grading.

Unit II: Buying Behaviour and Market Segmentation 12 Hours

Buying Behaviour – Classification - Buying Decision Process – Buying Motives – Consumer Protection Act 1986 and Latest Amendments - Market Segmentation: Concept and Methods - Product Differentiation Vs. Market Segmentation - Marketing Mix.

Unit III: Product and Pricing Decisions 12 Hours

Product: Meaning and Classification - Product Mix – Branding - Brand Decisions – Packaging and Labeling – Product Support - Product Life Cycle - New Product Development - Pricing Objectives - Pricing Policies and Strategies – Pricing of New Products.

Unit IV: Distribution and Promotion Decisions 12 Hours

Channels of Distribution: Meaning and Importance - Wholesaling and Retailing – Promotional Methods – Promotion Mix – Advertising: Objectives, Characteristics and Types of Advertising Mediums - Publicity – Personal Selling: Importance and Process - Sales Promotion and Distinctive Characteristics.

Unit V: Modern Marketing Techniques 12 Hours

Modern Marketing – Direct Marketing – Social Marketing - Relationship Marketing – E- Marketing - Green Marketing – Marketing of Industrial and Consumer Products – Marketing of Services – Marketing of Agricultural Products – Market Information System (MIS).

Learning Resources:**Text Books**

1. Seema Gupta (2022), *Digital Marketing*, McGraw Hill.
2. Rajan Nair, (2020), *Marketing*, Sultan Chand and Sons.

References

1. Varshney, R.L., and B. Bhattacharyya, (2022), *International Marketing Management*, Sultan Chand and Sons.
2. Gupta, C. B and N.Rajan Nair, (2020), *Marketing Management*, Sultan Chand and Sons.
3. Philip Kotler, (2016), *Marketing: An Introduction*, Asia Pacific Holding Private Limited.
4. Mamoria, C.B., Pradeep Jain, Priti Mitra, (2013), *Theory and Practice of Marketing*, Kitab Mahal.
5. Pillai, R.S.N and Bhagvathi, (2010), *Modern Marketing Principles and Practices*, S Chand and Company Limited.

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1. <https://marketingland.com>
2. <https://www.worldsupporter.org/en/chapter/41634-summary-principles-marketing-kotler>
3. <https://mailchimp.com/marketing-glossary/marketing-mix-7ps/>
4. <https://www.linkedin.com/learning/paths/become-an-online-marketing-manager>
5. <https://www.wordstream.com/learn>

CO – PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	3	3	1	3	2	3	2	2	2	3
CO2	3	3	2	3	2	3	3	2	1	3
CO3	3	3	2	3	3	3	2	2	1	3
CO4	3	3	2	3	3	3	3	1	2	3
CO5	3	3	2	3	3	3	3	1	1	3
Average	3	3	1.8	3	2.6	3	2.6	1.6	1.4	3

Strong - 3**Medium – 2****Low - 1**

Course Code	Name of the Course	Category	Hours/wk	Credits
24ECO/ECS2202	Personal Empowerment	SEC	3	2

The objective of this course is to promote goals, developing new skills through personal empowerment and to enhance the confidence to attain the full potential of the student through personality development. Empowerment aims to make the students to learn independently and gain the skills needed for future accomplishment.

Course Outcomes:

At the end of the course, students will be able to

CO1: explain the need for personality development.

CO2: evolve the assimilation, absorption and adaptation of effective self-esteem.

CO3: discuss the behaviour of an individual in terms of rational - irrational – arational identity.

CO4: explain the emotional intelligence.

CO5: analyse self-leadership and evolve situation specific strategies.

Unit I: Personality

9 Hours

Personality – Rotter’s Locus of Control, Type A and Type B Personality - Hassled Type – Uplifted Type 1 – Nash Co–operative Equilibrium – Intellectual Madness – Beautiful Mind – Global Citizen.

Unit II: Self-awareness

9 Hours

Self-Directed Individual – Self Actualized Person – Survival of the Adaptive – Self Concept Inventory – Self Esteem – Rules for Creating Effective Self – Esteem Visualization.

Unit III: Hedonic Egoism and Creativity

9 Hours

Hedonic Egoism - Self Interest – Self Worth – Asthetic Values – Rational Vs Irrational – Arational– Identity – Self Satisfaction – Tangible and Intangible – Visible and In-visible – Creativity – 3A’s – Invention – Innovation.

Unit IV: Emotional Intelligence

9 Hours

Emotional Intelligence vs Intelligent Quotient – Personal Competence – Types - Empathetic Ability.

Unit V: Empowerment

9 Hours

Progressive Maturity – Competence Based Empowerment – Relying on Core Strength – Self Leadership – One on One Influence – Self Directed Team Sprit for Win-Win Strategy – Blue Ocean and Red Ocean Strategy.

Learning Resources:

Text Books

1. Jyotsna Codaty, (2007), *Understanding Emotional IQ*, Pustak Mahal, Bangalore.
2. Matthew Mckay, Patrick Fanning, (2000), *Self-esteem*, Master Mind Book, Bangalore.

References

1. Sabharwal, D.P., (2021), *Personal Development Handbooks*, Fingerprint Publishing, New Delhi.
2. Roger Fritz, (2019), *The Power of a Positive Attitude: Your Road to Success*, FMW Group Company, New York.
3. Napoleon Hill, W.Clement Stone, (2018), *Success through a Positive Mental Attitude*, Fingerprint Publishing, New Delhi.
4. Aparna Chattopadhyay, (2007), *What's your Emotional IQ*, Pustak Mahal, Bangalore.
5. Ken Blanchard, (2001), *Empowerment Takes More Than a Minute*, Magna Publishing Company, Mumbai.

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1. [https://www.microsoftword-bege-145block1-formerge\(egyankosh.ac.in\)](https://www.microsoftword-bege-145block1-formerge(egyankosh.ac.in))
2. <https://au.indeed.com/career-advice/resumes-cover-letters/personal-skills>
3. <https://www.skillsyouneed.com/docs/personal-development-preview.pdf>
4. <https://egyankosh.ac.in/bitstream/123456789/9764/1/unit-13.pdf>
5. <https://books.google.com/books?id=715leaaqbj&printsec=copyright>

CO – PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	3	3	3	1	3	2	3	3
CO2	3	3	3	3	2	1	3	2	3	3
CO3	3	3	3	3	3	1	3	3	3	3
CO4	3	3	3	3	3	1	3	3	2	3
CO5	3	3	3	3	3	2	3	3	3	3
Average	3	3	3	3	2.8	1.2	3	2.6	2.8	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS3601	Indian Economy	Core	6	6

This course equips the students on the conceptual foundations and macroeconomic concepts of Indian Economy. This course also describes the features of Indian Economy and issues confronting the Indian Economy in light of New Economic Policy.

Course Outcomes

At the end of the course, students will be able to

CO 1: outline the nature and characteristics of Indian Economy.

CO 2: discuss the major issues of Indian Economy.

CO 3: provide a qualitative and quantitative overview of different sectors of the Indian Economy.

CO 4: describe the components of foreign trade and analyze India's balance of payments.

CO 5: analyse the principles and functions of fiscal federalism in India.

Unit I: Introduction to Indian Economy

18 Hours

Features and Issues of Indian Economy - Planned Economic Development in India - Achievements and Failures of Planning in India – Economic Crisis and Rationale behind Economic Reforms – New Economic Policy (LPG) 1991 – NITI Aayog.

Unit II: National Income, Poverty and Human Development Index

18 Hours

National Income – Sectoral Contributions and Economic Transition in India – Poverty and Inequality – Definition and Estimates, Gini Coefficient, Sen Index, Poverty Line - Income and Regional Inequalities: Causes and Measures, Unemployment: Nature and Extent, Measures – HDI – International Comparisons.

Unit III: Sectors of the Indian Economy

18 Hours

Indian Agriculture – Trends in Production and Productivity – Land Reforms – Green Revolution - Agricultural Pricing - Agricultural Marketing – Food Security – Industrial Development – Trends and Problems, MSMEs – Industrial Policy 1991 and Recent Developments - Overview of Service and Financial Sectors in India – Importance – Expansion of Private Banks.

Unit IV: Foreign Trade

18 Hours

Importance of Foreign Trade for a Developing Economy - Composition and Direction of India's Foreign Trade - Role of FDI and Foreign Institutional Investors- BOP Crisis - India's Trade Policy.

Unit V: Fiscal Federalism

18 Hours

Principles of Federal Finance – Fiscal Federalism in India – Functions and Sources of Revenue – Vertical and Horizontal Imbalances – Finance Commission – Reports and its Recommendations.

Learning Resources:

Text Books

1. Ramesh Singh, (2022), *Indian Economy*, Mc Graw Hill Publication Company Limited, New Delhi.
2. Sanjiv Verma, (2022), *The Indian Economy*, Unique Publication Private, New Delhi.

References

1. Puri, V.K and S.K. Misra, (2022), *Indian Economy*, Himalaya Publishing House Private Limited, Mumbai.
2. Uma Kapila, (2018), *Indian Economy Since Independence*, Academic Foundation, New Delhi.
3. Gaurav Datt, Ashwani Mahajan, Datt and Sundaram, (2017), *Indian Economy*, S. Chand and Sons.
4. Ashima Goyal, (2014), *Handbook of the Indian Economy in the 21st Century: Understanding the Inherent Dynamism*, Oxford University Press, India.
5. Kaushik Basu, (2012), *Indian Economy*, Oxford University Press India

Websites/ e-Learning Resources

1. <http://www.niti.gov.in/>
2. <https://www.rbi.org.in/>
3. <https://hdr.undp.org/>
4. <https://www.india.gov.in/>
5. <https://www.cmie.com/>

CO – PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	3	3	2	3	3	3	3	1	2	3
CO2	3	3	3	3	3	3	3	3	2	3
CO3	3	3	3	3	3	3	3	3	2	3
CO4	3	3	3	3	3	3	3	1	2	3
CO5	3	3	3	3	3	3	3	2	2	3
Average	3	3	2.8	3	3	3	3	2	2	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk.	Credits
24ECO/ECS3603	Development Economics	Core	6	6

This course is to familiarize the students with the concepts, issues and approaches of economic development. It is designed to develop keen interest in various aspects of economic development and develop their theoretical, empirical and analytical skills.

Course Outcomes:

At the end of the course, students will be able to

CO1: outline the central themes and approaches to development.

CO2: compare and contrast the theories of growth and development.

CO3: critically analyze various models of growth.

CO4: examine the welfare impact of development planning and propose development interventions by different institutions.

CO5: evaluate the source and significance of finance in economic development.

Unit I: Introduction

18 Hours

Meaning and Nature of Development Economics – Core values of Development - Amartya Sen’s Approach – Economic Growth vs. Development – Progress and Economic Welfare – Comparative Economic Development.

Unit II: Theories of Economic Growth and Development – I

18 Hours

Rostow’s stages of Growth – Big Push Theory - Theory of Critical Minimum Effort - Utilisation of Surplus Manpower – Lewis Theory, Nurkse Theory - Rural Urban Migration – Harris - Todaro Model.

Unit III: Theories of Economic Growth and Development – II

18 Hours

Harrod-Domar Model (Critical Expansion and Growth) - Solow Model of Growth - Technical Progress and Growth - Human Capital and Growth - Myrdal Model (Cumulative Causation Thesis) - Kaldor Model (Model of Distribution).

Unit IV: Development Planning

18 Hours

Development Planning – Concept and Rationale - Basic Models of Development Planning process – Government Failure and Market Economy – Role of NGOs in Economic Development – Trends in Governance and Reforms.

Unit V: Financing Economic Development

18 Hours

Role of Financial System in Economic Development – Formal vs. Informal Finance – Micro Finance – Foreign Finance – Foreign Aid - Development Assistance Debate.

Learning Resources:

Text Books

1. Ahuja, H.L. (2020), *Development Economics*, S. Chand Publishing.
2. Jhingan M.L., (2019), *Economics of Development Planning*, 42nd Edition, Himalaya Publication House.

References

1. Todaro Michael and C. Smith Stephen, (2020), *Economic Development*, Pearson.
2. Taneja R. M. and Myre, M. L., (2017), *Economics of Development and Planning*, Vikas Publishing Company.
3. Kulwant Rai Gupta, (2009), *Economics of Development and Planning*, Vol. 2, Atlantic Publishers and Distributors.
4. Kulwant Rai Gupta, (2006), *Economics of Development and Planning*, Vol. 1, Atlantic Publishers and Distributors.
5. Meier, G. M., and Stiglitz, J. E. (Eds.), (2001), *Frontiers of Development Economics: The Future in Perspective*, World Bank Publications.

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1. <https://web.mit.edu/krugman/www/dishpan.html>
2. <http://www.niti.gov.in>
3. <https://ida.worldbank.org/en/what-is-ida>
4. <https://www.trade.gov>
5. <https://www.saarc-sec.org/>

CO – PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	3	3	2	3	3	3	3	3	3	3
CO2	3	3	2	3	3	3	3	2	2	3
CO3	3	3	2	3	3	3	3	3	2	3
CO4	3	3	2	3	3	3	2	3	2	3
CO5	3	3	3	2	3	3	3	2	2	3
Average	3	3	2.2	2.8	3	3	2.8	2.6	2.2	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS3605	Basic Econometrics	Core	6	6

This course helps the students to understand the relationship of economic variables using mathematics and statistics to understand economic theories in real time situations. This course trains the students on various econometric models and its applications.

Course Outcomes:

At the end of the course, students will be able to

CO1: elucidate the importance and significance of econometrics.

CO2: explain the estimation techniques of measuring relationship among economic variables.

CO3: interpret the results of a given equations.

CO4: construct models in the testing of theories and application of real data.

CO5: application of real data for policy suggestions.

Unit I: Introduction

18 Hours

Definition – Scope – Divisions – Objectives – Use of Econometrics – Econometrics and Mathematical Economics – Econometrics and Statistics – Methodology of Econometrics - Basic Ideas of Linear Regression Model – Two Variable Model, Population Regression Function (PRF), Sample Regression Function (SRF) – Error Term U – Significance - Stochastic Form of PRF and SRF.

Unit II: Estimation

18 Hours

Classical Linear Regression Model – Assumptions – Method of Ordinary Least Squares (OLS) – Derivation of OLS Estimators - Derivation of Variance and Standard Error of OLS Estimators (Simple Linear Regression) – Properties of OLS Estimators - Gauss–Markov Theorem – Proof – Three Variable Model Estimation (Basic idea only) – Hypothesis Testing (T and F Test) – Test of Goodness of Fit R^2 and Adjusted R^2 .

Unit III: Violation of Assumptions

18 Hours

Multicollinearity: Nature, Consequences, Detection and Remedial Measures - Heteroscedasticity: Nature - Consequences Detection and Remedial Measures- Autocorrelation: Nature, Consequences, Detection and Remedial Measures.

Unit IV: Functional Forms and Dummy Variables

18 Hours

Regression Through The Origin - Double Log Model – Measurement of Elasticity – Semi Log Model – Measurement of Growth. Dummy Variables – Anova and Ancova Models – Dummy Variable Trap – Uses – Interaction Effects – Structural Changes – Seasonal Variations – Piecewise Linear Regression. Autoregressive and Distributed Lag Model – Ad Hoc Method of Estimation – Koyck Transformation – Mean and Median Lag.

Unit V: Simultaneous Equation Model

18 Hours

Simultaneous Equation Model: Definition and Examples – Simultaneous Equation Bias – Structural and Reduced Form Equations – Identification – Rank and Order Condition – Indirect Least Square Estimation – Two Stage Least Square Estimation.

Learning Resources:

Text Books

1. Gujarathi, D. M, (2022), *Basic Econometrics*. Mc Graw-Hill.
2. Koutsoyiannis, A, (2001), *Theory of Econometrics*. Palgrave, New Delhi.

References

1. Damodar, N., (2009), *Basic Econometrics*, McGraw-Hill.
2. Moody, C., (2009), *Basic Econometrics with STATA*, Economics Department, College of William and Mary.
3. Maddalla, G.S., (2001), *Introduction to Econometrics*, Wiley India.
4. Ramanathan, R., (1992), *Introductory Econometrics with Applications*, Dryden Press.
5. Johnson Jr, A. C., Johnson, M. B. and Buse, R. C., (1987), *Econometrics: Basic and Applied*, New York.

Websites/ e-Learning Resources

1. <https://nptel.ac.in/courses/111104072>
2. <http://home.iitk.ac.in/~shalab/onlinecoursematerial>
3. https://nou.edu.ng/coursewarecontent/ECO%20355_0.pdf
4. <https://www.economtericssociety.org>
5. <https://economicsnetwork.ac.uk>

CO – PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	3	3	2	2	1	1	3	3	2	2
CO2	3	3	3	3	2	3	3	2	2	3
CO3	3	3	3	3	3	3	3	1	2	3
CO4	3	3	3	3	3	3	3	1	2	3
CO5	3	3	3	3	3	3	3	3	3	3
Average	3	3	2.8	2.8	2.4	2.6	3	2	2.2	2.8

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS3401	Managerial Economics	DSE	5	4

The objective of this course is to develop analytical and problem-solving skills among the students. This course enables students to learn about capital budgeting and its concepts. It also helps them to understand the cost control measures and pricing policies.

Course Outcomes:

At the end of the course, students will be able to

CO1: examine the scope and basic economic tools in Managerial Economics.

CO2: describe the concepts of demand, cost and profit.

CO3: determine and analyse pricing techniques.

CO4: explain the capital budgeting and its methods.

CO5: elucidate the sources of finance for business.

Unit I: Introduction 15 Hours

Nature and Scope of Managerial Economics - Meaning – Characteristics – Importance – Role and Responsibilities of Managerial Economist – Basic Economic Tools in Managerial Economics.

Unit II: Demand, Cost and Profit Analysis 15 Hours

Demand for Durable and Non-Durable Products, Demand Forecasting Techniques -Statistical and Non-Statistical Techniques - Cost Estimation - Cost-Volume-Profit Analysis (Break Even Analysis) - Objectives and Assumptions; Determination of Break Even Point, Limitations

Unit III: Pricing Policies and Practices 15 Hours

Objectives - Popular Pricing Methods and Strategies - Price Discounts and Differentials - Pricing by Manufacturers and Retailers- Price Forecasting.

Unit IV: Capital Budgeting 15 Hours

Capital Budgeting: Need for capital budgeting - Different steps in Capital Budgeting - Appraisal Methods – Payback Method, Accounting Rate of Return, Net Present Value method, Internal Rate of Return Method, Cost–Benefit Method - Capital Rationing.

Unit V: Cost of Capital 15 Hours

Sources of Funds for Long Term Financing - Cost of Debt Capital -Cost of Preferred Stock – Cost of Equity Capital or Common Stock - Cost of Retained Earnings.

Learning Resources:

Text Books

1. Dominic K Salvatore and Siddhartha K Rastogi, (2020), *Managerial Economics*, Oxford University Press.
2. Yogeh, Maheswari, (2013), *Managerial Economics*, PHL Learning Private Limited.

References

1. Gregory Mankiw, (2008), *Economics: Principles and Applications*, Cengage Learning India, New Delhi.
2. Ahuja. H. L, (2004), *Business Economics*, S. Chand and Company, New Delhi.
3. Trivedi, L., (2002), *Managerial Economics: Theory and Applications*, Tata McGraw Hill.
4. Dwivedi, D.N., (2000), *Managerial Economics*, Vikas Publishing House Private Limited.
5. Mehta, P.L, (1997), *Managerial Economics*, Sultan Chand, New Delhi.

Websites/ e-Learning Resources

1. <http://economics.about.com/od/pricing>
2. www.rbi.org
3. <https://nptel.ac.in/courses/110101005>
4. <https://www.managementstudyguide.com/managerial-economics>
5. <https://hbr.org/1976/11/pricing-policies-for-new-products>

CO – PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	3	3	2	3	3	3	3	3	1	3
CO2	3	3	3	3	2	2	2	1	2	2
CO3	3	3	3	3	3	3	3	2	2	3
CO4	3	3	3	2	2	3	3	2	2	3
CO5	3	3	2	3	3	3	3	3	2	3
Average	3	3	2.6	2.8	2.6	2.8	2.8	2.2	1.8	2.8

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS3403	Research Methods in Economics	DSE	5	4

This course probes into the meaning and significance of scientific research. This course enriches the students on the formulation, selection of research problems and collection of reviews. This course helps to apply the various research designs in the social science research, enumerate the data, sampling methods and enriches the students on the techniques of report writing techniques and its procedures.

Course Outcomes:

At the end of the course, students will be able to

CO1: explain the overview of social science research.

CO2: analyze the research process.

CO3: develop the statistical analysis to test economic theory and address policy issues.

CO4: know the sampling methods in research.

CO5: explain the hypothesis testing and principles of report writing.

Unit I: Introduction

15 Hours

Research: meaning and significance Characteristics of Scientific Research - Type of Research: Pure, Applied, Analytical, Exploratory, Descriptive, Surveys, Case Study - Limitations of Social Science Research - Role of Computer Technology in Research.

Unit II: Research Problem and Review of Literature

15 Hours

Research Problem: Formulation and Selection - Necessity of Defining the Problem – Review of Literature: Primary and Secondary Sources - Importance of Literature Review in Defining a Problem - Identifying Gap Areas from Literature and Research Database.

Unit III: Research Design

15 Hours

Research Design: Concept and Importance in Research – Features of a Good Research Design – Exploratory Research Design – Descriptive Research Design – Experimental Design: Concept of Independent and Dependent variables.

Unit IV: Data and Sampling Methods

15 Hours

Data types: Qualitative and Quantitative - Sources of Primary and secondary data - Census - Sampling Methods: Probability and Non-Probability Sampling Methods - Sampling and Non-Sampling Errors

Unit V: Hypothesis and Report Writing

15 Hours

Hypothesis: Types of Hypothesis - Null and Alternative Hypothesis - Parameter and Statistic - Type I and Type II Errors - Level of Significance and Critical Region - Report Writing - Types and Principles of writing the Research Report

Learning Resources:

Text Books

1. Kothari, C. R. and Gaurav Garg, (2023), *Research Methodology: Methods and Techniques*, New Age International.
2. Vinod Chandra, Anand Hareendran, (2017), *Research methodology*, Pearson.

References

1. R. Pannerselvam, (2014), *Research Methodology*, PHI learning.
2. Ranjit Kumar, (2010), *Research Methodology*, Sage Publication.
3. Bhandarkar, P. L., Wilkinson, T. S., and Laldas, D. K., (2010), *Methodology and Techniques of Social Research*, Himalaya Publishing House.
4. Ethridge, D., (2004), *Research Methodology in Applied Economics: Organizing, Planning and Conducting Economic Research*, Blackwell Publishing.
5. Kumar, A., (2002), *Research Methodology in Social Science*, Sarup and Sons.

Websites/ e-Learning Resources

1. <http://ignou.ac.in>
2. <http://egyankosh.ac.in>
3. <https://www.educba.com>
4. <https://research.com/research/how-to-write-research-methodology>
5. <https://www.questionpro.com/blog/what-is-research/>

CO – PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	3	3	2	2	3	2	3	3	2	3
CO2	3	3	2	3	3	2	2	3	2	3
CO3	3	3	3	3	3	3	2	3	2	3
CO4	3	3	3	2	3	2	3	2	2	3
CO5	3	3	2	3	3	3	3	3	2	3
Average	3	3	2.4	2.8	3	2.4	2.6	2.8	2	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk.	Credits
24ECO/ECS3301	Economic Journalism	GE	4	3

The aim of this course is to impart the skills in media and journalism. This course also creates awareness among students on the scope of economic journalism as an alternate career. Students will be able to analyse the role of journalism in evaluating the economic policies and programmes.

Course Outcomes:

At the end of the course, the students will be able to

CO1: assess the aims, functions and canons of journalism.

CO2: discuss the role and types of media in journalism.

CO3: elucidate the skill of ICT in journalism.

CO4: analyse the role of journalism in evaluating economic policies and programmes.

CO5: evaluate the journalism as a mass communication media and a catalyst of social engineering.

Unit I: Introduction

12 Hours

Journalism as an art - a social science - Aims and functions of Journal - Canons of Journalism - standard, quality and content provider - professional and freelance Journalists – Basics in Indian Business Environment.

Unit II: Types of Media

12 Hours

Print, Electronic Media and Visual Media – Global, National, Regional Media Information Communication Technology - Cyber Journalism.

Unit III: Understanding Economics

12 Hours

Understanding Economic issues Through Newspapers, Journals and Media with reference to Agriculture, Industries and Service Sectors – Economic Effects on Indian economy.

Unit IV: Knowledge Management

12 Hours

Reporting and Editing - Simplifying Data, Information - Report Writing on Economic Matters - Dissemination of Explicit Knowledge - Transfer of Tacit, Conceptual Knowledge into Explicit Knowledge.

Unit V: Media and Review

12 Hours

Role of Mass Media and Social Media - Reviewing Journals and Magazines Pertaining economics - Book review – Article Review.

Learning Resources:

Text Books

1. Keith Hayes (2014), *Business Journalism: How to Report on Business and Economics*, Press Publications, London.
2. Rangasami, (1984), *Basic Journalism*, Macmillan, New Delhi.

References

1. Neha Jingala and Devender Bhardwaj, (2024), *The Handbook of Digital Media and Journalism: Practices and Perspectives*, Galgotia Publishing Company, Daryagan.
2. Charanjit Ahuja, Bharat Hiteshi, (2016), *Print Journalism- A Complete Book of Journalism*, Partridge Publishing, India.
3. Denis McQuail, (2013), *Journalism and Society*, SAGE Publications, London.
4. Parkinson, Kamath, (2000), *What Journalism is All About?* Indian Book House, Bombay.
5. Puri, G.K., (2000), *Journalism*, Sudha Publications, New Delhi.

Websites/ e-Learning Resources

1. <https://homework.study.com/explanation/what-is-economic->
2. <https://journalism.nyu.edu/graduate/programs/business-and-economic-reporting/>
3. <https://cs.stanford.edu/people/eroberts/cs181/projects/2010->
4. <https://www.indeed.com/career-advice/career-development/types-of-media>
5. <https://www.geeksforgeeks.org/types-of-media/>

CO – PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	2	3	2	2	3	3	1	2
CO2	3	3	2	3	3	3	3	3	2	2
CO3	3	2	2	3	2	3	3	2	2	2
CO4	3	3	3	3	3	3	3	3	2	3
CO5	3	3	3	3	3	2	3	3	3	3
Average	3	2.8	2.2	3	2.6	2.6	3	2.8	2.2	2.4

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS3303	Economics of Tourism	GE	4	3

The objective of this course is to enable the students to familiarize with the demand for tourism and its methods. This course helps to analyze the impact of tourism on the economy. It also examines various international organizations in Tourism.

Course Outcomes:

On completion of the course, students will be able to

CO1: explain the importance of tourism.

CO2: analyse methods to calculate demand for tourism.

CO3: discuss the impact of tourism.

CO4: explain various tourist destinations in India.

CO5: describe the role of organizations in tourism development.

Unit I: Introduction

12 Hours

Introduction – Economics and Tourism - Tourism Demand - Theoretical background - Types of Tourism Demand - Determinants of Tourism Demand

Unit II: Tourism Demand

12 Hours

Tourism Demand Forecasting - Methods of Forecasting – Public and Private Sectors in Tourism - the Need for Public and Private Sector Co-operation in Tourism – Growth of Tourism Demand in India.

Unit III: Tourism Impacts

12 Hours

Impact of Tourism - Economic Aspects - the Multiplier Effect - Displacement Effect and Tourism - Tourist Spending - Costs and Benefits of Tourism to Community - Environmental Aspects – Contingency Valuation Method

Unit IV: Tourism in India

12 Hours

Major tourism circuits of India: Inter-State and Intra-State – Heritage Tourism – Wild life Tourism and Eco Tourism – Tourism in Tamil Nadu.

Unit V: Tourism Organisations

12 Hours

Role and Functions of World Tourism Organization (WTO), Pacific Asia Travel Association (PATA), World Tourism & Travel Council (WTTC) - Ministry of Tourism, Govt. of India, ITDC, Department of Tourism, Government of Tamil Nadu TTDC – IHA – IATA – TAAI - IATO.

Learning Resources:

Text Books

1. Bhatia A.K, (2020), *Tourism Development: Principles and Practices*, Sterling Publishers Private Limited.
2. Stephen Ball, (2007), *Encyclopaedia of Tourism Resources in India*, BH Publications.

References

1. Sneha Pathak and Ritesh Mishra, (2019), *Medical Tourism in India*, Books Clinic Publishing.
2. Mishra, P.K., (2018), *Tourism in India: Potential, Problems and Prospects*, New Century Publications.
3. Prasanna Kumar, (2017), *Marketing for Hospitality and Tourism*, Mc Graw Hill Education.

4. Geetanjali, (2010), *Tourism Management*, ABD Publishers
5. Manoj Dixit, (2002), *Tourism Products*, New Royal Book Company, Lucknow.

Websites/ e-Learning Resources

1. <https://www.unwto.org/>
2. <https://itdc.co.in/>
3. <https://tourism.gov.in/>
4. <https://www.traveldailymedia.com/importance-of-travel-website-for-the-travel-company/>
5. <https://www.oecd.org/cfe/tourism/>

CO – PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	2	2	2	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3	3	2
CO3	3	3	3	3	3	3	3	3	2	3
CO4	3	3	1	3	3	3	3	2	2	2
CO5	3	3	2	3	3	2	3	3	2	3
Average	3	3	2.2	2.8	2.8	2.8	3	2.8	2.4	2.6

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS3255	Internship	IS	-	2

It is mandatory for the students pursuing undergraduate programme in Economics to undergo internship in the intervening period of fourth and fifth semester. The primary objective of internship for an under-graduate student is to acquire practical knowledge and gain valuable hands-on experience in the field of their choice. Internship programme bridges the gap between academic theory and real world enabling them to choose a career of their choice which provides them a rough idea of what to be expected in the work place. The internship programme will augment the sense of time management which will not only allow the student to appreciate the value of time, but also utilize it more effectively as the deadlines have to be met. With an internship, students will witness the real organizational structure, the corporate culture and workflow process. In addition to the degree, participating in the internship programme, will foster personal growth, self-confidence, self-esteem and a deeper understanding of work place dynamics, preparing the student for a successful entry into the desired career path within the industry or profession.

Course Outcome:

At the end of the internship programme, students will be able to

CO1: develop the flair for corporate culture.

CO2: apply theoretical knowledge in the real life situation.

CO3: acquire hard and soft skills.

CO4: gain industry/profession experience.

CO5: build up the employment contacts leading directly to full time job upon graduation.

CO – PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	2	3	3	3	2	2	3	1	3	3
CO2	2	3	3	3	1	1	3	1	2	3
CO3	2	3	3	3	1	3	3	2	3	3
CO4	2	3	3	3	1	2	3	2	3	3
CO5	2	3	3	2	1	3	3	3	3	3
Average	2	3	3	2.8	1.2	2.2	3	1.8	2.8	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/wk	Credits
24ECO/ECS3201	Modern Banking and Insurance	SEC	3	2

The objective of this study is to understand the importance of banking, its functions and the role of banking and insurance in economic growth. This course also probes the insurance policy, risk management and insurance business in India.

Course Outcomes:

At the end of the course, students will be able to

CO1: explain the role of commercial banks in India.

CO2: assess and describe the functions of central bank.

CO3: identify the various types of insurances in practice.

CO4: evaluate the insurance contract and risk management.

CO5: examine the major insurance legislation in India and its growth.

Unit I: Banking

9 Hours

Commercial Banks- Functions of Commercial Banks - Private and Public Sector Banks- Credit Creation - Commercial Banks's role - Payment Banks – Functions - Digital Banking -Tools – Methods.

Unit II: Central Banks

9 Hours

Functions of a Central Bank – Objectives of Monetary Policy – Effects and Limitations – Narasimhan Committee Report

Unit III: Introduction to Insurance

9 Hours

Insurance: Meaning and Types - Role of Insurance in Economic Development - Saving and Investment Aspects – Social vs Private Insurance: Life vs Non - Life Insurance. Classification of Life, Health and General Insurance Policies

Unit IV: Insurance Contract and Risk Management

9 Hours

Meaning of contract - Insurable Interest - Utmost Good Faith - Principle of Indemnity and other Principles - Risk Management: Definition and Types - Management of Risk through Identification Analysis and Control

Unit V: Insurance Business in India

9 Hours

Major Insurance Legislation - Growth of Industry - Agricultural Insurance - Health Insurance – Reinsurance - Entry of Private Insurance Companies - Insurance Act, LIC Act, GIC Act, IRDA Act.

Learning Resources:

Text Books

1. Srivastava, P.K., (2013), *Banking Theory and Practice*, Himalaya Publishing House, New Delhi.
2. Tyagi, C. L., and Tyagi, M., (2007), *Insurance Law and Practice*, Atlantic Publishers and Distributors.

References

1. Muraleedharan, D, (2014), *Modern Banking: Theory and Practice*, PHI Learning Private Limited.
2. Sethi, J., and Bhatia, N., (2012), *Elements of Banking and Insurance*. PHI Learning Private Limited.
3. Tripathy, N. P., and Pal, P., (2005). *Insurance: Theory and Practice*, PHI Learning Private Limited.
4. Finsinger, J. and Pauly, M.V., (1986), *The Economics of Insurance Regulation: A Cross National Study*, Macmillan London.

Websites/ e-Learning Resources

1. <https://www.irdai.gov.in>
2. <https://rbi.org.in>
3. <https://www.studocu.com>
4. <https://www.indiapost.gov.in/Financial/Pages/Content/pli.aspx>
5. <https://licindia.in/>

CO – PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	2	2	3	3	3	1	1	3
CO2	3	3	2	3	3	2	2	2	1	3
CO3	3	3	2	3	3	2	2	2	3	3
CO4	3	3	2	3	3	3	3	3	3	3
CO5	3	3	2	3	3	2	3	3	2	3
Average	3	3	2	2.8	3	2.4	2.6	2.2	2	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk.	Credits
24ECO/ECS3602	Urban Economics	Core	6	6

This course explores the nature of cities and emphasis the economic forces that shape the urban process. This course examines the inter-connections between urban, rural and peri-urban spaces. It further examines the problems of urbanization and theories related to migration.

Course Outcomes

At the end of this course, students will be able to

CO1: acquire knowledge on the subject matter of urban Economics.

CO2: gain knowledge on urbanization and its impact.

CO3: explains the urban infrastructure.

CO4: analyze the impact of migration.

CO5: apply various ideas and policies in urban Economics.

Unit I: Introduction

18 Hours

Definition of Urban Economics - Nature and Scope of Urban Economics - Density, Urbanization - Definition of a City and Metropolitan Area - Urban structure and Urban growth .

Unit II: Concept, Causes and Problems of Urbanization

18 Hours

Urbanization – Concept – Urban Morphology - Causes and Issues of Urbanization - Sustainable Urbanization.

Unit III: Urban Infrastructure

18 Hours

Urban Infrastructure - Transportation – Electricity - Water Supply - Slums, Housing and Urban Renewal - Public Health.

Unit IV: Migration Theories

18 Hours

Theories of Rural Urban Migration – Ravenstein’s Law of Migration - Stouffer’s Theory of Mobility - Lee’s Theory - Reasons for Migration: Push and Pull factors.

Unit V: Policies for Urban Development

18 hours

Policies and Programmes for Urban development - Measures to Control Urban Growth - Integrated Development of Small and Medium Towns - Smart Cities in India.

Learning Resources:

Text Books

1. Arthur O’Sullivan, (2019), *Urban Economics*, Mc Graw Hill, USA.
2. Ahluwalia, I.J., Kanbur, R., and Mohanty, P.K., (2014), *Urbanization in India*, Sage Publications, New Delhi.

References

1. Hartwick, John M., (2015), *Urban Economics*, Routledge
2. Douglas.M. Brown, (2013), *Introduction to Urban Economics*, Academic Press, London.
3. Mark Garrett, (1996), *Transportation Planning*, Sage Publications, New Delhi.
4. Briance A and Ravinder Singh, (ed.) (1995), *Housing the Urban Poor, Policy and Practice in Developing Countries*, Sage Publications, New Delhi.
5. Harris Tondon, (1973), *Introduction to Urban Economic Analysis and Policy*, New York.

Websites/e-Learning Resources

1. <https://smartcities.gov.in/>
2. <http://www.moud.in/>
3. <https://urbaneconomics.org/>
4. <https://www.iom.int/>
5. <https://refugeesmigrants.un.org/>

CO – PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	3	3	2	3	2	2	3	3	2	3
CO2	3	3	3	3	2	2	3	3	3	3
CO3	3	3	3	3	3	2	3	3	2	3
CO4	3	3	3	3	3	2	3	3	3	3
CO5	3	3	3	3	3	3	3	3	2	3
Average	3	3	2.8	3	2.6	2.2	3	3	2.4	3

Strong - 3**Medium – 2****Low - 1**

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS3604	Financial Markets and Institutions	Core	6	6

This objective of this course is to study the functions and operations of financial market. This course probes the role of financial institutions in India and its influence on Indian Economy.

Course Outcomes:

At the end of the course, students will be able to

CO1: explain the role and importance of the Indian financial market.

CO2: discuss the importance of commercial banks.

CO3: elucidate the mechanics and regulation of financial instruments and determine how the value of stocks, bonds, and securities are calculated.

CO4: evaluate the performance of derivative market.

CO5: analyse the foreign exchange market.

Unit I: Introduction

18 Hours

Introduction to Financial System and Economic Development - Indicators of Financial Development, Concepts Related to Financial Markets and Institutions - Concept of Risk -Types of Return.

Unit II: Financial Institutions – I

18 Hours

Commercial Banking - Role of Banks – Non-Performing Assets (NPAs) - Risk Management in Banking– International Banking - Financial Regulations and Regulatory Institutions in India - RBI, SEBI, IRDA, PFRDA – Governance Corporate

Unit III: Financial Institutions – II

18 Hours

Financial Institutions – Provident Fund, Pension Fund, Insurance Companies - Mutual Fund, Credit Rating Agencies, Merchant Bank, Venture Capital Funds - Bond Market: Bond Features, Bond Price Volatility, Government Security Market, Corporate Bond Market, Public Sector Undertaking Bonds.

Unit IV: Derivatives Market

18 Hours

Classification of Stock Market and Securities – IPO, Stock Exchanges, Stock Market Indices, Derivatives Market - Types of Derivatives.

Unit V: Exchange Market

18 Hours

Foreign Exchange Market - Foreign Exchange Market Structure - Risk Management in Foreign Exchange Market - Exchange Rate Determination - Foreign Capital – FDI, FII, Central Bank Intervention in Foreign Exchange Market.

Learning Resources:

Text Books

1. Gorden and Natarajan, (2017), *Financial Markets and Services*, Himalaya Publishing House Private Limited.
2. Saunders, A., and Cornett, M. M., (2012), *Financial Markets and Institutions*, McGraw - Hill.

References

1. Sharma, F.C, (2021), *Financial Markets, Institutions and Services*, SBPD Publications.
2. Gurusamy, S., (2018), *Financial Markets and Institutions*, McGraw Hill Education India.
3. Jones, F. M. (2014), *Foundations of Financial Markets and Institutions*, Pearson.
4. Bhole, L. M. (2004), *Financial Institutions and Markets: Structure, Growth and Innovations*, Tata McGraw-Hill Education.
5. Frederic, S., (2000), *Financial Markets and Institutions*, Pearson Education India.

Websites / e - learning resources

1. <https://www.rbi.org.in>
2. <https://www.nseindia.com>
3. <https://www.sebi.gov.in>
4. <https://dpiit.gov.in/foreign-direct-investment/foreign-direct-investment-policy>
5. <https://fifp.gov.in>

CO – PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	3	3	2	3	1	2	3	1	2	2
CO2	3	3	2	3	1	2	2	2	2	2
CO3	3	3	2	3	3	3	2	2	2	3
CO4	3	3	2	3	2	3	3	2	2	3
CO5	3	3	2	3	3	3	3	2	2	3
Average	3	3	2	3	2	2.6	2.6	1.8	2	2.6

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS3606	Project	Core	6	6

The objective of the project-based course at the undergraduate level is to deepen students' expertise and enhance their ability to address complex, real-world problems through rigorous, hands-on experience. This course aims to develop advanced critical thinking, research and project management skills enabling them to lead and execute projects from conceptualization to completion. The course also provides an opportunity for students to apply their theoretical class room knowledge to practical scenarios employing simple analytical and statistical tools. Additionally, the course seeks to enhance professional communication, leadership and planning capabilities, preparing students for high-level professional roles and fostering a commitment to ongoing professional development and lifelong learning.

Course Outcomes

At the end of the course, students will be able to

CO1: choose an appropriate topic for study, formulate and state a research problem.

CO2: compile the relevant literature and frame hypothesis for research.

CO3: plan a research design, collect relevant data, interpret, analyse and test the hypotheses.

CO4: arrive at logical conclusions and propose suitable recommendations on the research problem.

CO5: write a coherent project report and defend the work.

CO – PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	3	3	2	2	2	3	3	3	2	3
CO2	3	3	2	3	2	3	3	3	3	3
CO3	3	3	3	3	2	2	3	2	2	3
CO4	3	3	3	3	2	3	2	2	2	3
CO5	3	3	3	3	2	3	3	2	2	3
Average	3	3	2.6	2.8	2	2.8	2.8	2.4	2.2	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS3402	Environmental Economics	DSE	5	4

The objective of this course is to enable students to understand the fundamental concept of environmental economics and highlight the relevant economic tools to improve environmental quality. Its concept also covers the different approaches to protecting the environment from pollution by using economic instruments.

Course Outcomes:

On completion of the course, students will be able to

CO1: explain the environmental economy links.

CO2: identify the importance of natural resources.

CO3: analyse the causes of market failure and externalities.

CO4: evaluate various methods to value and protect the environment.

CO5: elucidate the need for a reduction in pollution.

Unit I: Fundamentals of Environmental Economics.

15 Hours

Definition, Scope and Significance – Environment-economy Linkages – Material Balance Approach - Malthusian and Neoclassical Perspectives of Environment - Sustainable Development - Environment Kuznets Curve.

Unit II: Economics of Natural Resources

15 Hours

Classification of Natural Resources - Scarcity and Measurement - Economics of Exhaustible Resources - Economics of Renewable Resources.

Unit III: Market Failure

15 Hours

Environment as a Public Good - Tragedy of Commons - Externalities - Pigouvian Fee and Coase theorem on Property Rights.

Unit IV: Valuation of Environment

15 Hours

Total Economic Value - Contingent Valuation Method – Stated Preference - Travel Cost Model – Hedonic Pricing - Economics of Sustainable Development - Green Accounting – Ecological Footprint, Carbon Footprint, Ecological Shadow.

Unit V: Economics of Pollution Control

15 Hours

Optimal level of Pollution - Regulation of Pollution through Economic Instruments Common and Control Approach.

Learning Resources:

Text Books

1. Karpagam, M., (2017), *Environmental Economics*, Third Edition, Sterling Publication Private Limited, Noida.
2. Jhingan, M.L., (2009), *Environmental Economics: Theory, Management and Policy*, Virndha Publications.

References

1. Eugene, T., (2014), *Environmental Economics*, Oxford University Press, Delhi.
2. Mark Maslin, (2014), *Climate Change: A Very Short Introduction*, 3rd Edition, Oxford University Press.

3. Sankaran, S., (2012), *Environmental Economics*, Margham Publications.
4. Hussien, Ahmed. M. (1999), *Principles of Environmental Economics: Economics, Ecology and Public Sector*. London: Routledge
5. Barry C. Field, (1994), *Environmental Economics: An Introduction*, Singapore, McGraw-Hill.

Websites/ e-Learning Resources

1. <https://unfccc.int/>
2. <https://www.undp.org/>
3. <https://moef.nic.in/>
4. <https://www.envis.nic.in>
5. <https://www.unep.org>

CO – PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	3	3	2	3	2	3	3	2	3	3
CO2	3	3	2	3	2	3	3	2	3	3
CO3	3	3	3	3	3	2	3	3	3	3
CO4	3	3	3	3	2	2	3	3	2	3
CO5	3	3	3	3	3	2	3	3	3	3
Average	3	3	2.6	3	2.4	2.4	3	2.6	2.8	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS3404	Agricultural Economics	DSE	5	4

The objective of this course is to understand the role of agriculture and its linkages to various sectors. This course also probes various issues in agricultural marketing, finance, pricing policy and the significance of sustainable agriculture.

Course Outcomes:

At the end of the course, students will be able to

CO1: explain the significance of agriculture in economic development.

CO2: examine the importance of agricultural labour in rural development.

CO3: identify the source and importance of agricultural finance.

CO4: analysis the trends in agricultural prices, exports and current issues in Indian agriculture.

CO5: evaluate the issue of sustainable agriculture and food security.

Unit I: Introduction

12 Hours

Scope and significance of Agriculture - Role of Agriculture in India's Development - Inter-sectoral Linkages - Farm Management: Definition and Principles - Management of Risks in Agriculture

Unit II: Agricultural Labour

15 Hours

Agricultural labour: Definition - Types – Supply of Labour – Problems - Rural Unemployment: Types, Consequences and Remedial Measures - Minimum Wages for Agricultural Workers – Recent Wage and Self - Employment Programmes

Unit III: Agricultural Finance

15 Hours

Agricultural Finance: Meaning, Nature, Types, Sources and Problems of Agricultural Finance - Cooperatives in Rural Finance - Role of Commercial Banks and NABARD – Farm Capital - Meaning, Types and Marginal Efficiency of Farm – Agricultural Capital Formation

Unit IV: Agricultural Price Policy

15 Hours

Objectives and Need of Agricultural Price Policy – Stability and Trends in Agricultural Prices – Evaluation of Agricultural Price Policy in India – Agricultural Exports - Current Issues in Indian Agriculture

Unit V: Sustainable Agriculture and Food Security

18 Hours

Development issues: Poverty, Inequality, Unemployment and Environmental Degradation - Green Revolution: Recent Developments – Methods and Issues - Population and Food Supply - Food Security and Public Distribution System in India.

Learning Resources:

Text Books

1. Tyagi, B.P., (2017), *Agricultural Economics and Rural Development*, Jai Prakashnath and Company.
2. Lekhi R.K. and Joginder Singh, (2015), *Agricultural Economics: An Indian Perspective*, Kalyani Publishers, Ludhiana.

References

1. Barkley, A., and Barkley, P. W., (2016), *Principles of Agricultural Economics*, Routledge.
2. Gray, L. C., (2013), *Introduction to Agricultural Economics*, Read Books Limited.
3. Janardhana Rao. N, (2005), *Indian Agriculture: Issues and Perspectives*, ICFAI University Press, Hyderabad.
4. Cramer, G. L., Jensen, C. W., and Southgate, D. D., (2001), *Agricultural Economics and Agri- Business*, John Wiley and Sons.
5. Colman, D. and Young, T., (1989), *Principles of Agricultural Economics: Markets and Prices in Less Developed Countries*, Cambridge University Press.

Websites/ e-Learning Resources

1. <https://icar.org.in/>
2. <https://www.icrisat.org/>
3. <https://www.nabard.org/>
4. <https://www.fao.org>
5. <https://farmer.gov.in/mspstatements.aspx>

CO – PSO MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9	PSO10
CO1	3	3	2	3	2	3	2	2	2	3
CO2	3	3	3	3	3	3	2	3	3	3
CO3	3	3	3	3	3	3	3	2	3	3
CO4	3	3	3	3	3	3	3	2	2	3
CO5	3	3	3	3	3	3	3	3	3	3
Average	3	3	2.8	3	2.8	3	2.6	2.4	2.6	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS3302	Behavioural Economics	GE	4	3

The objective of this course is to provide an overview of behavioural principles and approaches in economics; it also describes the nature and components of mental accounting and imparts knowledge on how people's behaviours influence decision-making.

Course Outcomes:

At the end of the course, students will be able to

CO1: explain the history and evolution of behavioural economics.

CO2: identify ways in which individuals are systematically irrational.

CO3: analyse the impact of emotions on the economic behavior of an individual.

CO4: elucidate the important theories relating to behavioural economics.

CO5: examine and apply in policy the different aspects of the concept of mental accounting.

Unit I: Introduction

12 Hours

History and Evolution of Behavioural Economics - Neoclassical Concept and Criteria for Economic Rationality - Causes of irrationality – Herbert Simon - Bounded Rationality Methods used in Behavioural Economics.

Unit II: Heuristics & Biases

12 Hours

Advantages and Disadvantages of Heuristics - Availability Heuristic - Anchoring Heuristic - Representative Heuristic - Self Evaluation Biases and Projection Bias.

Unit III: Animal Spirits and its Impact on Economic Decisions

12 Hours

Confidence – its feedback mechanism that amplifies disturbances - Fairness – Its influence in setting Wages and Prices - Corruption and Antisocial Behaviour - Money Illusion – Improper interpretation of inflation and deflation.

Unit IV: Prospect Theory

12 Hours

Conventional Approaches to modifying Expected Utility theory - Prospect theory and Endowment effect - Reference points and Loss Aversion - Shape of the utility function - Decision weighting.

Unit V: Mental Accounting

12 Hours

Nature and Components of mental accounting - Framing and Editing - Budgeting and Fungibility - Choice Bracketing and Dynamics.

Learning Resources:

Text Books

1. Phillip J Corr and Anke Plagno, (2018), *Behavioral Economics: The Basics* 1st Edition, Kindle Edition, Routledge,
2. Sanjit Dhama, (2016), *The Foundations of Behavioral Economic Analysis*, Oxford University Press,

References

1. David Orrell, (2021), *Behavioural Economics*, Icon Books.
2. Thaler, Richard, H, (2016), *The Making of Behavioural Economics - Misbehaving*, W W Norton and Company, Penguin, London.
3. Frank Robert H, (2015), *Microeconomics and Behaviour*, McGraw Hill Education, New

York.

4. David R. Just, (2014), *Introduction to Behavioural Economics*, Wiley Publication, New Jersey.
5. Nick Wilkinson and Matthias Klaes, (2012), *An Introduction to Behavioural Economics*, 2nd Edition, Palgrave Macmillan, London.

Websites/ e-Learning Resources

1. www.behavioraleconomics.com/BEGuide2017.pdf
2. academic.oup.com/restud/pages/behavioraleconomics
3. <https://www.behavioraleconomics.com/>
4. <https://www.exploring-economics.org/en/orientation/behavioral-economics/>
5. <https://www.povertyactionlab.org/>

CO – PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	2	2	2	2	2	1	2	3
CO2	3	3	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3	3	3
CO4	3	3	2	3	3	2	2	2	3	3
CO5	3	3	3	3	2	3	2	2	3	3
Average	3	3	2.6	2.8	2.6	2.6	2.4	2.2	2.8	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS3304	Entrepreneurial Economics	GE	4	3

The aim of this course is to enable the students to appreciate the factors influencing entrepreneurship in the society and enhances the knowledge on relevance of creativity and entrepreneurship for business.

Course Outcomes:

On completion of the course, students will be able to

CO1: elucidate the importance and factors influencing entrepreneurship.

CO2: practice and apply entrepreneurial theory using lean start-up principles.

CO3: analyze and evaluate creativity and entrepreneurship.

CO4: evaluate various sources of finance available for entrepreneur.

CO5: examine the applicability of legislation and rules.

Unit I: Introduction

12 Hours

Entrepreneurship: Meaning and Importance - Evolution of term 'Entrepreneurship' - Factors influencing Entrepreneurship: Psychological, Social, Economic and Environmental - Characteristics of an Entrepreneur - Types of Entrepreneurs - New Generations of entrepreneurship - Barriers to entrepreneurship.

Unit II: Entrepreneurial Motivation

12 Hours

Motivation: meaning and Definition – Theories of Motivation: Maslow's, Herzberg's, McGregor's and Achievement Theory - Culture and Society - Values / Ethics – Risk-taking behavior.

Unit III: Creativity and entrepreneurship

12 Hours

Creativity and entrepreneurship - Steps in Creativity - Innovation and inventions - Legal Protection of innovation - Skills of an Entrepreneur - Decision making and Problem Solving (Steps in Decision Making).

Unit IV: Sources of Finance

12 Hours

Sources of Finance: Long term Sources -Equity Shares, Preference Shares and debentures - Kinds Private Placements - IPO-SEBI- FDI - Institutional Finance - Banks - IDBI, IFCI, IIBI, ICICI, SIDBI, SFCs in India - Merchant Banks in India - NBFCs in India.

Unit V: Rules and Legislation

12 Hours

Industries Development (Regulations) Act, 1951 - Factories Act 1948 - The Industrial Employment (Standing Orders) Act - Environment (Protection) Act, 1986 - The Sale of Goods Act, 1950 - Industrial Disputes Act 1947.

Learning Resources:

Text Books

1. Desai, V., (2009), *Dynamics of Entrepreneurial Development and Management*, Himalaya Publishing House.
2. Srinivasan, N. P., and Gupta, G. P., (2001), *Entrepreneurial Development*, Sultan Chand and Sons, New Delhi.

References

1. Parker, S. C., (2018), *The Economics of Entrepreneurship*, Cambridge University Press.
2. Casson, M., and Buckley, P. J., (2010), *Entrepreneurship*, Edward Elgar Publishing.
3. Khanka, S S., (2006), *Entrepreneurial Development*, S. Chand Publishing.
4. Harper, D. A., (2003), *Foundations of Entrepreneurship and Economic Development*, Routledge.
5. Glancey, K., McQuaid, R., and Campling, J., (2000), *Entrepreneurial Economics*, London: Macmillan.

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1. <https://www.startupindia.gov.in>
2. <https://www.ediindia.org>
3. <https://skillindia.gov.in>
4. <https://indianstartups.com>
5. <https://www.eshipsimplified.com/entrepreneurship-developmnt-course>

CO – PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	2	3	2	2	2	2	3	3
CO2	3	3	3	3	3	3	3	3	2	3
CO3	3	3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	3	3	3	3	1	3
CO5	3	3	3	3	3	3	3	2	2	3
Average	3	3	2.8	3	2.8	2.8	2.8	2.6	2.2	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/Wk	Credits
24ECO/ECS3266	Professional Competency Skill	SEC	3	2

The objective of this course is to inculcate the spirit of lifelong and self-directed learning among the students. It is presumed that learning is a continuous process and cannot be developed in isolation. The learning demands continuous repetition and updating of concepts, ideas and theories. There exists an inter-connection and inter-dependence of courses taught in different semesters culminating into the final degree in Economics. This course on Professional Competency Skill gives an opportunity to the student to demonstrate their skill of overall understanding of the subjects which they learned in the last five semesters.

Course Outcomes:

At the end of the course, students will be able to

CO1: apply the core economic terms, concepts and theories in Economics.

CO2: identify key macroeconomic indicators and measure economic growth and development.

CO3: explain the functions of the market and prices as allocative mechanisms.

CO4: compile, interpret and analyse quantitative economic data.

CO5: analyse the impact of government policies and functioning of important institutions.

CO – PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1		3	2	2	2	3	3	3	2	3
CO2	3	3	2	3	3	3	3	3	3	3
CO3	3	3	3	3	3	2	3	2	2	3
CO4	3	3	3	3	3	3	2	2	2	3
CO5	3	3	3	3	3	3	3	2	2	3
Average	3	3	2.6	2.8	3	2.8	2.8	2.4	2.2	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/wk	Credits
24ECO/ECS122V	Economics for Beginners	Value Added Course	2	2

The course is to introduce to non-economics students to essential concepts and their practical applications in their everyday life. Students will learn basic economic principles, manage personal finances and grasp economic roles of business and governments. students will also be equipped to make informed financial decisions, comprehend the economic forces that influences their daily lives and engages thoughtfully with current economic issues on a local and global scale.

Course Outcomes:

At the end of the course, students will be able to

CO1: explain the key economic concepts, economic systems and major economic indicators.

CO2: manage personal finances, understand banking and make informed investment decisions.

CO3: categorize various market structures, types of business organizations and the roles of entrepreneurship.

CO4: comprehend the role of government as a welfare state.

CO5: analyze the dynamics of international trade and the challenges to developing countries

Unit I: Concepts and Methods of Economics 6 Hours

Definition and Scope of Economics - Micro vs. Macroeconomic – Economic Systems: Capitalism, Socialism and Mixed Economy – Fundamental Economic Concepts, Market Equilibrium, Economic Indicators: GDP, Inflation, - Unemployment and Types of Unemployment.

Unit II: Personal Finance and Consumer behavior 6 Hours

Budgeting and Saving: Importance – Personal vs. Government Budget – Saving strategies and Emergency Funds – Types of Bank Accounts – Investing in Stocks, Bonds and Mutual Funds - Risk vs. uncertainty

Unit III: Macro Economic Concepts 6 Hours

Types of Market Structures: Perfect Competition – Monopoly – Oligopoly – Monopolistic competition – Business Organizations – Sole Proprietorships – Partnerships – Corporations – Franchises – Entrepreneurship and Innovations.

Unit IV: Government and the Economy 6 Hours

Economic roles of the Government – Public goods vs. Private Good – Taxation and Government Spending – Fiscal and Monetary Policy – Role of Central Bank – Welfare Measures of the Government

Unit V: Global Economics 6 Hours

International Trade – Advantages and Disadvantages of Trade – Trade Barriers – Globalization and its Impact – Global Economic Issues – Economic Challenges and Opportunities to developing countries.

Learning Resources:

Text Books

1. Manas Jain, (2021), *Everyday Economics - Basic Economic Concepts Which Will Change The Way You See the World*, Shashwat Publications.

- Madsen Pirie, (2019), *Everyday Economics*, Jaico Publishing House.

References

- Satish Y. Deodhar , (2012), *Day Today Economics*, Random Business Publication
- Pirie, M, (2012), *Economics Made Simple*, Hariman House.
- Dewett K K and Navalur, M.H., (2006), *Modern Economic Theory*, S Chand.
- Tom Gorman, (2003), *The Complete Idiot's Guide to Economics*, Penguin Random House.
- Wiley Sowell, T., (2003), *Basic Economics: A Citizen's Guide to the Economy*.

Websites/ e-Learning Resources

- [https:// www.khan academy.org/economics-finance-domain/microeconomics](https://www.khanacademy.org/economics-finance-domain/microeconomics)
- [https://www.khanacademy.org/economics-finance-domain/microeconomics/markets structures](https://www.khanacademy.org/economics-finance-domain/microeconomics/markets-structures)
- <https://www.mymoney.gov>
- <https://www.wto.org/>
- <https://hbr.org/topic/subject/entrepreneurship>

CO – PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	2	3	2	3	2	1	2	3
CO2	3	2	2	2	2	2	3	2	2	3
CO3	3	3	2	3	2	3	3	1	3	3
CO4	3	3	3	3	3	3	3	3	2	3
CO5	3	3	3	2	2	2	3	1	3	3
Average	3	2.8	2.4	2.6	2.2	2.6	2.8	1.6	2.4	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hrs/Wk	Credits
24ECO/ECS22IV	Introduction to Agri-Business	Value Added Course	2	2

The objective of this course is to understand the scope and importance of agri-business that provides knowledge on the production and marketing processes of various agribusinesses. This course will also focus on various government initiatives regarding agribusinesses.

Course Outcomes:

On the completion of the course, students will be able to

CO1: examine the role of agri-business in Indian economy.

CO2: analyse the self business in agro-based industries.

CO3: elucidate the functions and importance of agri-business.

CO4: inculcate skill of marketing to do agriculture and allied business.

CO5: evaluate the effectiveness of agriculture policies in India.

Unit I: Introduction

6 Hours

Scope - Nature - Significance of Agricultural Business - Role of Agriculture in the Economy.

Unit II: Agro Based Industries

6 Hours

Importance - Objectives - Sugar Industry, Rice Mill, Cotton, Oilseeds, Fertilizer Industry - Problems - Remedial Measures

Unit III: Agro-Allied Business I

6 Hours

Importance - Function, Processing and Marketing of Horticulture, Floriculture, Medicinal Plants – Agri-Business

Unit IV: Agro-Allied Business II

6 Hours

Production and Marketing of Sericulture and Silk Products, Livestock and Dairy Products, Agri-Culture and Handicraft - Problems - Effects

Unit V: Government Initiatives

6 Hours

National Agricultural Policy of Government of India Government Programmes in Agriculture - WTO and AOA - Agricultural Patenting, Subsidy,

Learning Resources:

Text Books

1. Anjan Mishra and Debasish Biswas, (2019), *Agri-Business Management*, Himalaya Publishing House.
2. Thalathi Naik, (2008), *Introduction to Agricultural Economics and Agri-Business Management*, ANE Book Publisher.

References

1. Konig, G., Da Silva, C. A. and Mhlanga, N., (2013), *Enabling Environments for Agri-Business and Agro-Industries Development: Regional and Country Perspectives*, FAO, Rome.
2. Palanithurai, G. and Ramesh, R., (2011), *Globalisation and Rural Development*, Concept Publishing company, Delhi.
3. Palmere, A., (2011), *Principles of Service Marketing*. Oxford University Press.
4. *Various Reports of APEEDA*, National Horticulture Board (NHB) and Director of Horticulture.
5. Mukesh Pandey and Deepali Tewari, (2010), *The Agribusiness Book*, CBS Publishers.

Websites/ e-learning Resources

1. <http://ecoursesonline.iasri.res.in/course/view.php?id=538>
2. <https://www.scribd.com/doc/114976392/Agribusiness-Class-Notes>
3. <https://www.studocu.com/in/document/university-of-agricultural-sciences-dharwad/agriculture/abm-lecture-notes-1/6056502>
4. <https://www.igmpi.ac.in>
5. <http://www.itcportal.com>

CO – PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	2	2	2	3	2	3	3	3
CO2	3	3	3	3	3	3	3	3	2	3
CO3	3	3	3	3	2	3	2	3	3	3
CO4	3	3	3	3	2	3	2	2	3	3
CO5	3	2	3	3	2	3	2	3	3	3
Average	3	2.8	2.8	2.8	2.2	3	2.2	2.8	2.8	3

Strong - 3

Medium – 2

Low - 1

Course Code	Name of the Course	Category	Hours/wk	Credits
ECO/ECS322V	Economic Geography	Value Added Course	2	2

The objective of this course is to study spatial distribution of human's economic achievement in terms of production and consumption in relation to physical and non-physical environment.

Course Outcomes:

At the end of the course, students will be able to

CO1: understand in relation to environment the diversity of resources and influence on human activity.

CO2: map out Natural resources potential and its uses.

CO3: study the importance of agricultural resources in the economic development.

CO4: examine the phase and pattern of Industrial sector growth.

CO5: explain the role of trade and transportation.

Unit I: Introduction

6 Hours

Introduction to Economic Geography - Nature, Scope and Significance – Approaches – Dynamism of Economic Activities.

Unit II: Natural and other Resources

6 Hours

Economic Significance of Minerals – Distribution and Product of Iron Ore, Manganese, Bauxite, Copper, Gold and Mica – Fuel Resources – Coal – Petroleum – Nuclear Minerals – Forest Resources - Marine Resources – Various Grassland.

Unit III: Agriculture

6 Hours

World Agriculture - Factors Affecting Agriculture – Types – Distribution, Production and Trade of Wheat, Rice, Maize, Sugarcane, Cotton, Tea And Rubber – Types of Irrigation System.

Unit IV: Manufacturing industry

6 Hours

Manufacturing industries – Major Inputs – Types of Manufacturing – Distribution of Major Industries – Major Industrial Regions of The World.

Unit V: Trade and Transportation

6 Hours

Road, Rail, Water and Air Transports – Major Air and Sea Routes of the World – Factors Influencing Trade – Technological Revolution and Trade.

Learning Resources:

Text Books

1. Aggarwal, S.D., Maruga, (2020), *Economic Geography*, Pravalika Publication, Allahabad.
2. Saxena, H. M., (2013), *Economic Geography*, Rawat Publication, New Delhi.

References

1. Roy, P. K., (2014), *Economic Geography: A Study of Resources*, New Central Book Agency Limited, Kolkata.
2. Siddhartha, K., (2018), *Economic Geography*, Kitab Mahal
3. Sanjay Kumar, (2018), *Handbook of Economic Geography*, K.K. Publications
4. Sharmistha Bagchi – Sen and Helen Lawton Smith, (2017), *Economic Geography: Past, Present and Future*, Routledge.

5. Akila Gautam, (2015), *Advanced Economic Geography*, Sharda Pustak Bhavan.

Websites/ e-learning Resources

1. <http://www.cssforum.com.pk/css-optional-subjects/group-vii/geography/14105-geography-two-economic-activities.html>
2. http://web.ccsu.edu/faculty/kyem/GEOG110/Economic_Geography/Economic%20Geography
3. <http://www.fao.org/docrep/004/Y3557E/y3557e03.html>
4. <https://www.london.ac.uk>
5. <https://www.geo.txst.edu>

CO – PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	2	2	2	3	2	3	3	3
CO2	3	3	3	3	3	3	3	3	2	3
CO3	3	3	2	3	2	2	2	3	3	2
CO4	3	3	3	2	2	3	2	2	2	3
CO5	3	2	3	3	2	3	2	3	3	3
Average	3	2.8	2.8	2.6	2.2	2.8	2.2	2.8	2.6	2.8

Strong - 3

Medium – 2

Low - 1