

B.A. ECONOMICS

PROGRAMME SPECIFIC OUTCOMES (PSOs):

On successful completion of the B.A. Economics programme, the student will be able to

PSO 1: apply economic analysis to evaluate everyday problems

PSO 2: examine and interpret issues in an economy

PSO 3: use quantitative techniques for policy evaluation and formulation

From 2021 batch onwards

Sem.	Course Code	Course Title	Course Type	Hrs./Wk.		Credits	Passed in Academic Council	Offered to	Offered by
				TH	L				
I	Part – I	TAMIL / HINDI/ FRENCH	TH	6		3/4			
	PART – II	ENGLISH	TH	6		3/4			
	ECO1203FS	COMMUNICATION SKILLS FOR ECONOMICS – I	TH	2		2		AUECO	ECO
	ECO1303FM	MICROECONOMICS – I	TH	4		3	BE2020	AUECO	ECO
	ECO1402CM	MONETARY ECONOMICS	TH	5		4	BE2020	AUECO	ECO
	ECO1403AA	STATISTICS FOR ECONOMICS – I	TH	5		4	BE2020	AUECO	ECO
	ECO1404AA	BUSINESS ECONOMICS	TH	5		4		AUCOM	ECO
	VBC1101FV / UIV1101FI	HEALTHY TRANSITION FROM ADOLESCENCE TO ADULTHOOD / BIBLICAL ESSENTIALS FOR EMERGING ADULTS	TH	2		1	BA2018 / BB2019	AUCH/ SUCH	Centre for VE
	TOTAL			30		20 / 22			
II	PART I	TAMIL / HINDI /FRENCH	TH	6		3/4			
	PART II	ENGLISH	TH	6		3/4			
	ECO2203FS	COMMUNICATION SKILLS FOR ECONOMICS – II	TH	2		2		AUECO	ECO
	ECO2405CM	MICROECONOMICS – II	TH	4		4	BE2020	AUECO	ECO
	ECO2406CM	MACROECONOMICS–I	TH	4		4	BE2020	AUECO	ECO
	ECO2404AA	STATISTICS FOR ECONOMICS – II	TH	5		4	BE2020	AUECO	ECO
	ECO2405AA	BUSINESS MATHEMATICS	TH	5		4		AUCOM	ECO
	ECO2202NI	ECONOMICS AND ENVIRONMENT	TH	2		2	BE2020	ALLM	ECO
	VBC0102FV/ VBC0103FV/ UIV2101FI	CIVIC EDUCATION / FAMILY LIFE EDUCATION / BIBLICAL FOUNDATION FOR FAMILY LIFE	TH	1		1	AV2014 / BB2019	AUCH/ SUCH	Centre for VE
	TOTAL			30		23/25			

Sem.	Course Code	Course Title	Course Type	Hrs./Wk.		Credits	Passed in Academic Council	Offered to	Offered by
				TH	LA				
III	PART I	TAMIL / HINDI /FRENCH	TH	6		3/4			TAM/HIN/ FRE
	PART II	ENGLISH	TH	6		3/4			ENG
	ECO3404CM	MACROECONOMICS- II	TH	5	-	4		AUECO	ECO
	ECO3405CM	MATHEMATICS FOR ECONOMICS	TH	5	-	4		AUECO	ECO
	ECO3403AA	HEALTH ECONOMICS	TH	5	-	4		AUECO	ECO
	ECHI3201EI/ ECMA3201EI/	INDIA AND THE WORLD BASICS OF PERSONAL FINANCE	TH	2	-	2		AUALLM	ECO & HIS ECO & MAT
	ECZO3201EI/	ECONOMICS OF DAIRY FARMING							ECO & ZOO
	ECHN3201EI	COMMUNICATIVE HINDI FOR ENTREPRENEURS							ECO & HIN
	VBC0102FV/ VBC0103FV/ UIV3101FI	CIVIC EDUCATION / FAMILY LIFE EDUCATION/CIVICS AND THE BIBLE	TH	1	-	1			
		VOCATIONAL COURSE	TH			2			
	TOTAL			30		23/25			

Sem.	Course Code	Course Title	Course Type	Hrs./ Wk.		Cr.	Passed in AC	Offered to	Offered by
				TH	LA				
IV	PART I	TAMIL / HINDI /FRENCH	TH	6	-	3/4			TAM/HIN/ FRE
	PART II	ENGLISH	TH	6	-	3/4			ENG
	ECO4503CM	DEVELOPMENT ECONOMICS	TH	6	-	5		AUECO	ECO
	ECO4504CM	FISCAL ECONOMICS	TH	6	-	5		AUECO	ECO
	ECO4203SP	COMPUTER APPLICATIONS IN ECONOMICS	LA	-	2	2		AUECO	ECO
	ECHI4202EI/ ECMA4202EI/ BOEC4201EI	ECONOMIC HISTORY OF INDIA LINEAR PROGRAMMING AND NETWORK ANALYSIS NUTRITION ECONOMICS	TH	2	-	2		AUALL M	ECO & HIS ECO & MAT ECO & BOT
	VBC0203FV/ VBC0202FV/ UIV4201FI	FOUNDATION COURSE ON WOMEN'S STUDIES /HUMAN RIGHTS AND DUTIES / HUMAN RIGHTS IN THE BIBLE	TH	2		2	AY2016 / AV2014 / BB2019	ALLM / AUCH	Centre for VE
		TOTAL			30		22/24		

Sem.	Course Code	Course Title	Course Type	Hrs./ Wk.		Cr.	New / Revised course	% of revision	Passed in AC	Offered to	Offered by
				TH	LA						
V	ECO5202CM	INTRODUCTION TO RESEARCH. METHODOLOGY	TH	2		2	Revised	41%		AUECO	ECO
	ECO5505CM	INTERNATIONAL ECONOMICS	TH	6		5	Revised	50%		AUECO	ECO
	ECO5506CM	INDIAN ECONOMY -I	TH	6		5	Revised	95%		AUECO	ECO
	ECO5507CT	ECONOMETRICS		4	2	5	Revised	23%		AUECO	ECO

	ECO0602LM	ECONOMICS IN COMMUNITY WELFARE	TH	4		-	New			AUECO	ECO
		INTERDISCIPLINARY COURSE	TH	4		4				AUALLM	
	VBC0203FV / VBC0204FV / UIV5201FI	FOUNDATION COURSE ON WOMEN'S STUDIES / HUMAN RIGHTS AND DUTIES / BIBLICAL PERSPECTIVES ON WOMEN	TH	2		2			AY2016 / BD2019 / BB2019	ALLM / AUCH	Centre for VE
		TOTAL			30	23					

COURSES OFFERED TO STUDENTS OF OTHER DEPARTMENTS

INTERDISCIPLINARY COURSES

Sem.	Course Code	Course Title	Course Type	Hrs./ Wk.		Cr.	New / Revised course	% of revision	Passed in AC	Offered to	Offered by
				TH	LA						
V	ECTA5402DM	ECONOMIC THOUGHTS IN MODERN LITERATURE	TH	4		4	Revised	95%		AUECO AUTAM	ECO & TAM
	COEC5402DM	ENTREPRENEURSHIP DEVELOPMENT	TH	4		4	Revised	69%		AUECO AUCOM	ECO & COM
	ECSS5402DM	ECONOMIC SOCIOLOGY	TH	4		4	Revised	10%		AUECO AUSOC	ECO & SOC

SELF-LEARNING COURSES

Sem.	Course Code	Course Title	Course Type	Credits	Passed in Academic Council	Offered to	Offered by
All	ECO0402CD	RURAL DEVELOPMENT	TH	4		ALLM	ECO
	ECO0403CD	BIBLICAL PERSPECTIVES TO MONEY MANAGEMENT	TH	4		ALLM	ECO
	ECO0404CD	ADVERTISING AND SALES PROMOTION	TH	4		ALLM	ECO
	ECO0406CD	DEMOGRAPHY	TH	4		ALLM	ECO
	ECO0407CD	ECONOMICS OF INSURANCE	TH	4		ALLM	ECO
	ECO0409CD	CIVIC ECONOMICS	TH	4		ALLM	ECO
	ECO0410CD	HOUSEHOLD ECONOMICS	TH	4		ALLM	ECO

ECO1203FS COMMUNICATION SKILLS FOR ECONOMICS – I

(THEORY)

COURSE OUTCOMES:

2 hrs./wk.

On successful completion of the course, the student will be able to

CO1: acquire communication skills in reading, comprehending and writing

CO2: review visual news and advertisements

CO3: relate currency, exchange rates and stock market and news

CO4: utilize the newspaper as an important learning resource

COURSE CONTENT:

UNIT I: READING THE NEWSPAPER

8 hrs.

Popular newspapers: headlines, first page, last page, regional news, national news, international news, economic news, sports news

UNIT II: VISUAL MEDIA IN THE NEWSPAPER

7 hrs.

Photographs: caption creation, writing news titbits – analyzing cartoons and quips – advertisements creation

UNIT III: UNDERSTANDING BUSINESS NEWS REPORTS

7 hrs.

Bullion Rates – currency exchange rates – stock market

UNIT IV: INTERACTIVE READERSHIP AND OPPORTUNITIES

8 hrs.

Letters to the Editor – editorial – making connections between news items – job opportunities – power of the print media

REFERENCE BOOK(S): e-books

Carillo, A. Jose. *English Plain and Simple: No Nonsense Ways to learn Today's Global Language*. Manila: The Manila Times Publishing Corporation, 2008.

Mandal, S.K. *Effective Communication and Public Speaking*. Mumbai: Jaico Publishing House, 2013.

McPheat, Sean. *Advanced Communication Skills*. Germany: MTD Training and Ventus Publishing ApS, 2010.

WEBSITE(S):

e-Book <http://promeng.eu/downloads/training-materials/ebooks/soft-skills/advanced-communication-skills.pdf>, 2010.

OPEN EDUCATIONAL RESOURCE(S):

VIDEO:

“Creating newsletter - English”, Uploaded by Spoken-Tutorial IIT Bombay, November 15, 2014, <https://www.youtube.com/watch?v=8-UFazGWRNk>, Creative Commons Attribution license (reuse allowed).

COs cognitive level and mapping with PSOs

ECO1203FS COMMUNICATION SKILLS FOR ECONOMICS– I				
CO	COGNITIVE LEVEL	PSO		
		1	2	3
CO1	K-1 Remember	2	2	1
CO2	K-2 Understand	1	1	1
CO3	K-3 Apply	2	1	1
CO4	K-3 Apply	1	1	1

Strongly correlated (3) Moderately correlated (2) Weakly correlated (1)

ECO1303FM MICROECONOMICS – I

(THEORY)

COURSE OUTCOMES:

4 hrs./wk.

On successful completion of the course, the student will be able to

CO1: explain fundamental economic concepts

CO2: identify demand and supply analysis in the markets

CO3: recognise the basic forces that determine equilibrium in a market economy

CO4: compare cardinal and ordinal utility analysis for consumer's equilibrium

CO5: describe changes in consumer's optimal choice with income and price changes

COURSE CONTENT:

UNIT I: BASIC CONCEPTS

12 hrs.

Scarcity definition – scope of microeconomics – consumers and firms –opportunity cost and accounting cost– marginality – decision making – Rationality: self-interest – maximization of utility and profit – the market mechanism and resource allocation

UNIT II: DEMAND AND SUPPLY ANALYSIS

12 hrs.

Demand: meaning – law of demand – changes in demand – determinants – Elasticity of demand: types, determinants and measurement – Supply: meaning – law of supply –supply curve – determinants – Elasticity of supply: types and determinants

UNIT III: MARKET EQUILIBRIUM

12 hrs.

The concept of equilibrium – demand-supply interaction – consumer surplus and producer surplus

UNIT IV: CONSUMER THEORY: UTILITY ANALYSIS

12 hrs.

Utility: ordinal and cardinal utility – total and marginal utility –law of diminishing marginal utility –law of equi-marginal utility

UNIT V: CONSUMER THEORY: INDIFFERENCE CURVE ANALYSIS

12 hrs.

Indifference curves and maps – properties of indifference curves – marginal rate of substitution – budget line – price, income and substitution effects – optimal consumer choice

TEXT BOOK:

Dewett, K.K. &Navalur M.H. *Modern Economic Theory*.New Delhi: Vikas Publishing House Pvt. Ltd., 2018.

REFERENCE BOOK(S):

Ahuja, H. L. *Advanced Economic Theory: Microeconomic Analysis*. 20th Edition. New Delhi: S. Chand, 2018.

Browning, E. K. and Mark A. Zupan. *Microeconomics: Theory and Applications*. New York: Wiley Publications, 2014.

Felix Munoz-Garcia. *Advanced Economic Theory: An Intuitive Approach with Examples*. Cambridge: MIT Press, 2017.

Gregory, Mankiw. *Principles of Microeconomics*. Boston: Cengage Learning India Pvt Ltd., 2012.

Hal R. Varian. *Intermediate Microeconomics*. 9th Edition. New York: W. W. Norton & Company, 2009.

Jinghan, M.L. *Microeconomics*. 8th Edition. New Delhi: Vrinda Publications Pvt. Ltd., 2016.

Koutsoyiannis, A. *Modern Microeconomics*. 2nd Edition. UK: Palgrave Macmillan, 1979.

Robert Pindyck & Daniel, L. Rubinfeld. *Microeconomics*. 9th Edition. London: Pearson Education, 2017.

ECO1303FM MICROECONOMICS	
CLASS	I B.A. ECONOMICS – SEMESTER I
Cognitive Level	K-2 Understand
	K-1 Remember
	K-2 Understand
	K-4 Analyse
	K-2 Understand

MAPPING: COs consistency with PSOs

ECO1303FM MICROECONOMICS			
CO / PSO	PSO		
	1	2	3
CO1	1	1	1
CO2	3	3	1
CO3	3	3	0
CO4	2	3	0
CO5	2	3	0

Strongly correlated (3), Moderately correlated (2), Weakly correlated (1), No Correlation (0)

**ECO1402CM MONETARY ECONOMICS
(THEORY)**

COURSE OUTCOMES:**5 hrs./wk.**

On successful completion of the course, the student will be able to

CO1: recognise the functions of money

CO2: recall the monetary theories

CO3: interpret the policies of the central and commercial bank

CO4: describe the functioning of money and capital markets

CO5: explain the monetary policies

COURSE CONTENT:

UNIT I: FUNCTIONS OF MONEY**15 hrs.**

Money – meaning and definitions – evolution – functions – kinds – quality, paper currency standard – methods of note issue – components and measurement of money supply in India

UNIT II: THEORIES OF DEMAND FOR MONEY**15 hrs.**

Fishers quantity theory of money – Cambridge equation–Marshall, Pigou and Robertson –Keynesian reformulation theory of money and prices – Milton Friedman’s restatement

UNIT III: MONEY MARKET**15 hrs.**

Money market and capital market in India– role of financial intermediaries– effect– non-banking financial institutions in India

UNIT IV: BANKING**15 hrs.**

Commercial banks – functions–commercial bank’s role after nationalization– RBI’s role in economic development– Narasimhan Committee report

UNIT V: MONETARY POLICY**15hrs.**

Monetary policy– objectives – limitation of monetary policy–debt management –effects of debt management policy

TEXT BOOK:

Seth, M.L. *Money Banking and International Trade*. Agra: Lakshmi Narain Agarwal Educational Publishers, 2017.

REFERENCES BOOK(S):

Basil, J. Moore. *An Introduction to the theory of Finance*, Oxford: Oxford University Press, 1968.

Basu, S.K. *Recent Banking Development*, NewDelhi:Chand and Co., 1975.

Glomer, R.W. *Monetary theory*. NewDelhi: Penguin Edition, 1977.

Gupta, R.D. *Keynes and post Keynesian Economics*. New Delhi:Kalyani Publishers, 1995.

Jhingan, M.L. *Monetary Economics*. New Delhi: Konark Publication, 2013.

Jhonson, Harry. *Essays in Monetary Economics*. Crows Nest: George Allen Unwin, 1974.

Sayers, R.S. *Modern banking*. New Delhi: Oxford University Press, 1941.

Sundaram, K.P.M. *Money, Banking and International Trade*. 39th Edition. New Delhi: Sultan Chand, 2008.

Vaish, M.C. *Money, Banking and International Trade*. New Delhi:New Age International Pvt Ltd, 2004.

ECO1402CM MONETARY ECONOMICS	
CLASS	I B.A. ECONOMICS – SEMESTER I
Cognitive Level	K-1 Remember
	K-2 Understand
	K-4 Analyse
	K-2 Understand
	K-2 Understand

MAPPING: COs consistency with PSOs

ECO1402CM MONETARY ECONOMICS			
CO / PSO	PSO		
	1	2	3
CO1	1	1	1
CO2	2	1	0
CO3	3	2	1
CO4	3	2	2
CO5	3	3	3

Strongly correlated (3) Moderately correlated (2) Weakly correlated (1) No Correlation (0)

ECO1403AA STATISTICS FOR ECONOMICS - I

(THEORY)

COURSE OUTCOMES:

5 hrs./wk.

On successful completion of the course, the student will be able to

CO1: recognise the importance of statistical data in Economics

CO2: classify data into tables and diagrams

CO3: use statistical measures to describe the characteristics of data

CO4: interpret the spread of dataset

CO5: construct indices for economic analysis

COURSE CONTENT:

UNIT I: INTRODUCTION AND COLLECTION OF DATA

15 hrs.

Introduction – nature and scope of statistics – uses and limitations of statistics – collection of data – census vs. sampling – advantages and limitations – primary and secondary data – sources of secondary data – methods of collecting primary data – methods of sampling – requisites of good questionnaire – organising a statistical survey

UNIT II: CLASSIFICATION AND PRESENTATION OF DATA

15 hrs.

Classification of data – tabulation – ungrouped and grouped data – discrete and continuous frequency distributions – diagram – Bar: simple – sub-divided – percentage – multiple – deviation – pie diagram – pictogram – graphic representation of data – line graphs – histogram – frequency polygon – Ogives

UNIT III: MEASURES OF CENTRAL TENDENCY

15 hrs.

Measures of central tendency: mean – median – quartiles – mode – geometric mean – harmonic mean – merits and demerits – requisites of a good average

UNIT IV: DISPERSION

15 hrs.

Measures of dispersion – range – quartile deviation – standard deviation – co-efficient of variation – Skewness: Karl Pearson and Bowley – kurtosis

UNIT V: INDEX NUMBERS

15 hrs.

Index numbers: definition – uses – unweighted index numbers: simple aggregate – simple average of price relative method – weighted index numbers: Laspeyre – Paasche – Fisher – test

of consistency: time reversal test – factor reversal test – base shifting – deflating – splicing – Cost of living index: construction – uses

TEXTBOOK:

Gupta, S.P. *Statistical Methods*. 45th Revised Edition. New Delhi: S. Chand, 2017.

REFERENCES BOOK(S):

Aggarwal, Y.P. *Statistical Methods: Concepts, Application and Computation*. New Delhi: Sterling Publishers Pvt. Ltd., 2012.

Elhance, D. N. Elhance Veena & Aggarwal B. M. *Fundamentals of Statistics*. New Revised Edition. New Delhi: Kitab Mahal, 2018.

Glyn Davis & Branko Pecar. *Business Statistics Using Excel*. New York: Oxford University Press, 2010.

Gupta, S C. *Fundamentals of Statistics*. 7th Edition. New Delhi: Himalaya Publishing House, 2018.

Saxena, H C. *Elementary Statistics*. New Delhi: S Chand and Company Ltd, 2016.

ECO1403AA STATISTICS FOR ECONOMICS - I	
CLASS	I B.A. ECONOMICS – SEMESTER II
Cognitive Level	K– 1 Remember
	K–2 Understand
	K–3 Apply
	K– 3 Apply
	K– 3 Apply

Mapping: COs consistency with PSOs

ECO1403AA STATISTICS FOR ECONOMICS - I			
CO / PSO	PSO		
	1	2	3
CO1	2	1	1
CO2	1	1	2
CO3	1	1	3
CO4	1	1	3
CO5	2	2	3

Strongly correlated (3) Moderately correlated (2) Weakly correlated (1) No Correlation (0)

ECO1404AA BUSINESS ECONOMICS

(THEORY)

COURSE OUTCOMES:

5 hrs./wk.

On successful completion of the course, the student will be able to

CO1: recall basic economic concepts in business

CO2: calculate future demand

CO3: identify areas of cost control

CO4: apply pricing strategies for different market conditions

CO5: apply break even analysis for profit forecasting

COURSE CONTENT:

UNIT I: INTRODUCTION

15hrs.

Business Economics: meaning– nature–scope – uses –difference between Economics and Business Economics – Economic tools in Business Economics: opportunity cost – incremental – time perspective – discounting – equi-marginal

UNIT II: DEMAND ANALYSIS

15 hrs.

Demand: meaning, law of demand – determinants –Elasticity of demand: price, income, cross and promotional – Demand forecasting: criteria: for a good forecasting – purposes – methods – survey – Delphi – expert opinion – collective opinion – time series – controlled experiments – judgemental approach

UNIT III: COST AND PRODUCTION ANALYSIS

15hrs.

Cost: concepts – cost-output relationship in the short-run and long-run – economies and diseconomies of scale – Production function: meaning – one-variable, two-variable and all-variable inputs – cost control – importance – areas of cost control

UNIT IV: PRICE ANALYSIS

15 hrs.

Pricing under various market conditions: perfect competition, monopoly, monopolistic competition and oligopoly – Pricing methods: Pricing policy for a new product – mature product – multi product firm – differential and product line pricing – Price forecasting: nature of the commodity and its market – data and commodity stock – prospective demand and supply in price changes

UNIT V: PROFIT FORECASTING AND BREAK-EVEN ANALYSIS

15hrs.

Profit forecasting: meaning – aims – break-even analysis – assumptions – uses –determination– margin of safety – importance and limitations

TEXT BOOK:

Varshney R.L &Maheswari K.L. *Managerial Economics*. New Delhi: Sultan Chand & sons, 2013.

REFERENCE BOOK(S):

Dharmaraj, E. *Business Economic*.Chennai:Scitech Publications Pvt. Ltd, 2005.

Jhingan, M.L & Stephen J.K. *Managerial Economics*Delhi: Vrinda Publications, 2014.

Mankar, V.G. *Business Economics*. London:Macmillan India Ltd, 2004.

Mehta, P.L.*Managerial Economics*, New Delhi: Sultan Chand & Sons, 2004.

ECO1404AA BUSINESS ECONOMICS	
CLASS	I B.A. ECONOMICS – SEMESTER I
Cognitive Level	K-1 Remember
	K-3Apply
	K-2 Understand
	K-3Apply
	K-3Apply

ECO2203FS COMMUNICATION SKILLS FOR ECONOMICS – II

(THEORY)

COURSE OUTCOMES:

2 hrs./wk.

On successful completion of the course, the student will be able to

CO1: recognise the dynamics of successful visual news presentations

CO2: identify social networks and search engine dynamics

CO3: utilize appropriate e-learning resources in Economics

CO4: develop a e-newsletter

COURSE CONTENT:

UNIT I: INTRODUCTION TO NEWS AND VIEWS IN THE VISUAL MEDIA

8 hrs.

News anchor – flash news – news bias – popular news channels – popular talk shows – social issues

UNIT II: SOCIAL MEDIA AND SEARCH ENGINES

7 hrs.

The power of social networks: twitter – facebook and other online communities – advantages – limitations – Search engine: Google, Google Scholar, Google Books – usage of search engine

UNIT III: LEARNING ECONOMICS USING ONLINE RESOURCES

8 hrs.

Online resources for Economics: an overview – advantages – limitations – Online journals: newspapers – e-magazines – archives – blogs – Wikipedia and Wikimedia: making citations – editing content

UNIT IV: CREATING A SIMPLE e-NEWSLETTER

7 hrs.

Planning (hierarchical order) – creating content – design (attractive layout)

WEBSITE(S):

Creating E-Books and E-Journals. Accessed at

<http://www.mch.mii.it/UNESCOeducation/chapters/chapter3.pdf>

JEP: The Journal of Electronic Publishing. 2019. Accessed at www.press.umich.edu/jep

Purdue Online Writing Lab. Purdue University. <http://owl.english.purdue.edu/owl/resource/679/01/>

REFERENCE BOOK:

Kumar J. Keval. *Mass Communication in India*. 9th edition. Mumbai: Jaico publishing house, 2020.

OPEN EDUCATIONAL RESOURCE(S):

VIDEO(S):

Puthiyathalaimurai TV. <https://www.youtube.com/channel/UCmyKnNRH0wH-r8l-ceP-dsg>, Creative Commons Attribution license (reuse allowed).

COs cognitive level and mapping with PSOs

ECO2203FS COMMUNICATION SKILLS FOR ECONOMICS – II				
CO	COGNITIVE LEVEL	PSO		
		1	2	3
CO1	K-1 Remember	2	2	1
CO2	K-2 Understand	1	1	1
CO3	K-3 Apply	2	2	1
CO4	K-3 Apply	1	1	1

Strongly correlated (3) Moderately correlated (2) Weakly correlated (1)

ECO2405CM MICROECONOMICS – II

(THEORY)

COURSE OUTCOMES:

4hrs./wk.

On successful completion of the course, the student will be able to

CO1: identify the basic concepts of cost and revenue

CO2: analyse the equilibrium of firms under perfect competition and monopoly

CO3: demonstrate an understanding of monopolistic competition

CO4: perceive oligopoly and duopoly market forms

CO5: describe producer's equilibrium

COURSE CONTENT:

UNIT I: COST AND REVENUE

12 hrs.

Cost: fixed and variable costs – average, marginal and total costs – short-run and long-run costs – Revenue: average, marginal and total revenue – relationship between AR and MR – the profit maximization rule

UNIT II: PERFECT COMPETITION

12 hrs.

Perfect competition: features – equilibrium of the firm and the industry: short-run and long-run analysis – difference between perfect and imperfect competition

UNIT III: MONOPOLY AND MONOPOLISTIC COMPETITION

12 hrs.

Monopoly: features – price and output determination – discriminating monopoly – types and degrees – Monopolistic competition: features – equilibrium in the short-run and long-run – product differentiation – excess capacity

UNIT IV: DUOPOLY AND OLIGOPOLY

12 hrs.

Duopoly: meaning – features – Chamberlin model – Oligopoly: features – pricing under non-collusive oligopoly – kinked demand curve – collusion – cartels and price leadership

UNIT V: PRODUCTION ANALYSIS

12 hrs.

The concept of production function – average and marginal products – law of variable proportions – law of returns to scale – marginal rate of technical substitution – iso-quant – properties – producer's equilibrium

TEXT BOOK:

Dewett, K.K. & Navalur M. H. *Modern Economic Theory*. New Delhi: Vikas Publishing house Pvt. Ltd., 2018.

REFERENCE BOOK(S):

Edgar, K. Browning & Mark A. Zupan. *Microeconomics: Theory and Applications*. 12th Edition. New Delhi: Wiley India Pvt. Ltd., 2014.

Gregory Mankiw N. *Principles of Microeconomics*. 7th Edition. Stanford: Cengage Learning, 2013.

Hal R. Varian. *Intermediate Microeconomics: A Modern Approach*. 8th Edition. New York: W. W. Norton & Company, 2010.

Koutsoyiannis, Anna. *Modern Microeconomics*. 2nd Edition. New York: Palgrave Macmillan, 2003

Paul, A. Samuelson & William D. Nordhaus. *Microeconomics*. 19th Edition. New York: McGraw-Hill, 2018.

Robert Pindyck & Daniel L. Rubinfeld. *Micro Economics*. 8th Edition. New York: Pearson, 2013.

Theodore C. Bergstrom & John H. Miller. *Experiments with Economic Principles: Microeconomics*. 2nd Edition. Boston: Irwin/ McGraw-Hill, 2000.

ECO2405CMMICROECONOMICS– II	
CLASS	I B.A. ECONOMICS – SEMESTER II
Cognitive Level	K-1 Remember
	K-3 Apply
	K-5 Evaluate
	K-4 Analyse
	K-2 Understand

Mapping: COs consistency with PSOs

ECO2405CMMICROECONOMICS – II			
CO / PSO	PSO		
	1	2	3
CO1	1	1	0
CO2	1	1	0
CO3	1	1	0
CO4	2	1	0
CO5	2	1	0

Strongly correlated (3) Moderately correlated (2) Weakly correlated (1) No Correlation (0)

ECO2406CM MACROECONOMICS – I
(THEORY)

COURSE OUTCOMES:

4 hrs./wk.

On successful completion of the course, a student will be able to

- CO1: recall various methods for the measurement of National Income
- CO2: distinguish between Classical and Keynesian approaches to employment
- CO3: analyse the interaction between national income and investment
- CO4: explain the various aspects related to inflation
- CO5: relate theories of consumption to real life

COURSE CONTENT:

UNIT I: NATIONAL INCOME

12hrs.

National Income: definition – Concepts: NNP – NDP – GNP– GDP – personal income – private income – disposable Income – Methods of measurement of National Income: production, income, expenditure and value-added method –concept of potential output–real and nominal GDP –GDP deflator – circular flow of income for four sector model

UNIT II: THEORIES OF EMPLOYMENT

12hrs.

Meaning of full employment – types of unemployment – Classical theory of employment – Say's law of market – Pigou's version –Keynes's critique of classical theory –Keynesian theory of employment

–involuntary unemployment– underemployment equilibrium–effective demand – determinants – ADF and ASF – importance of effective demand

UNIT III: CONSUMPTION FUNCTION

12hrs.

Consumption: Consumption function – concepts – APC, MPC, APS, MPS – Theories: absolute income hypothesis – relative income hypothesis – permanent income hypothesis – life cycle hypothesis

UNITIV: INVESTMENT FUNCTION

12hrs.

Multiplier: meaning–significance –working of the multiplier – leakages–Accelerator: meaning–significance– operation of accelerator –limitations– super multiplier – MEC and MEI –difference between MEC and MEI

UNIT V: INFLATION AND DEFLATION

12hrs.

Inflation: definitions – types–causes–effects–measures– Deflation: causes – effects – measures – Phillips curve

TEXTBOOK:

Dewett, K.K. & NavalurM. H. *Modern Economic Theory*. New Delhi: Vikas Publishing House Pvt. Ltd., 2018.

REFERENCE BOOK(S):

Ahuja, H L. *Macroeconomic: Policy and Theory*. New Delhi: Vikas Publishing House Pvt., Ltd., 2019.

Dornbusch, Rudiger, Stanley Fischer & Richard Startz. *Macroeconomics*. New Delhi: Tata McGraw Hill Publishing Company, 2000.

Farmer, Roger E A. *Macroeconomics*. Singapore: Thompson Asia Pvt., Ltd., 2002.

Gregory, Mankiw N. *Macroeconomics*. New York: Worth Publishers, 2000.

- *Principles of Macro Economics*. New York: South – Western College, 2014.

Jhingan, M L& Jhingan B K. *Macro Economic Theory*. New Delhi: Vrinda Publication Pvt., Ltd., 2019.

Laidler, David E W. *The Demand for Money: Theories and Evidence*. New York: Harper and Row, 1977.

Mueller MG. *Readings in Macroeconomics*. New Delhi: Surjeet Publications, 1978.

Raghbendra, Jha. *Contemporary Macroeconomic Theory and Policy*. New Delhi: Wiley East ern Ltd., 2007.

ECO2406CM MACROECONOMICS– I	
CLASS	I B.A. ECONOMICS – SEMESTER II
Cognitive Level	K-1 Remember
	K- 4Analyse
	K- 4Analyse
	K- 2 Understand
	K-1 Remember

Mapping: COs consistency with PSOs

ECO2406CM MACROECONOMICS – I			
CO / PSO	PSO		
	1	2	3
CO1	3	2	0
CO2	2	1	0
CO3	3	2	1
CO4	3	2	2
CO5	3	2	2

Strongly correlated (3) Moderately correlated (2) Weakly correlated (1) No Correlation (0)

**ECO2404AA STATISTICS FOR ECONOMICS – II
(THEORY)**

COURSE OUTCOMES:

5 hrs./wk.

On successful completion of the course, the student will be able to

- CO1: discover relationships between variables
- CO2: determine cause and effect relationships between variables
- CO3: analyse the data across time periods for prediction
- CO4: identify the association between attributes
- CO5: detect the distribution of a dataset

COURSE CONTENT:

UNIT I: CORRELATION

15 hrs.

Correlation: meaning and causation – types – methods – scatter diagram – Karl Pearson's correlation – Spearman's rank correlation – Concurrent deviation method

UNIT II: REGRESSION

15 hrs.

Regression – difference between correlation and regression – regression lines – regression equations – least square method

UNIT III: TIME SERIES

15 hrs.

Definition – components – Measurement of trend: method of moving averages and method of least squares – Measurement of seasonal variation – method of simple averages – Interpolation and extrapolation: graphic method – Lagrange's method – Parabolic curve method

UNIT IV: ASSOCIATION OF ATTRIBUTES**15 hrs.**

Association of Attributes: Difference between correlation and association of attributes – consistency of data – association and disassociation – Yule’s coefficient.

UNIT V: PROBABILITY**15 hrs.**

Definition – events – theorems – calculation (simple problems) – conditional probability – Bayes theorem – Discrete and continuous probability distributions: binomial, poisson and normal distributions – properties and fitting

TEXT BOOK:

Gupta, S.P. *Statistical Methods*. 45th Revised Edition. New Delhi: S. Chand, 2017.

REFERENCES BOOK(S):

Aggarwal, Y.P. *Statistical Methods: Concepts, Application and Computation*. New Delhi: Sterling Publishers Pvt. Ltd., 2012.

Elhance, D. N. Elhance Veena & Aggarwal B. M. *Fundamentals of Statistics*. New Revised Edition. New Delhi: Kitab Mahal, 2018.

Glyn Davis & Branko Pecar. *Business Statistics Using Excel*. New York: Oxford University Press, 2010.

Gupta, S C. *Fundamentals of Statistics*. 7th Edition. New Delhi: Himalaya Publishing House, 2018.

Saxena, H C. *Elementary Statistics*. New Delhi: S Chand and Company Ltd, 2016.

ECO2404AA STATISTICS FOR ECONOMICS – II	
CLASS	I B.A. ECONOMICS – SEMESTER II
Cognitive Level	K– 4 Analyze
	K–5 Evaluate
	K– 4 Analyze
	K– 3 Apply
	K– 4 Analyze

Mapping: COs consistency with PSOs

ECO2404AA STATISTICS FOR ECONOMICS – II			
CO / PSO	PSO		
	1	2	3
CO1	3	3	3
CO2	3	3	3
CO3	3	3	3
CO4	2	2	3
CO5	1	2	3

Strongly correlated (3) Moderately correlated (2) Weakly correlated (1) No Correlation (0)

ECO2405AA BUSINESS MATHEMATICS (THEORY)

COURSE OUTCOMES:

5 hrs./wk.

On successful completion of the course, the student will be able to

- CO1: use basic algebra in business situations
- CO2: solve input-output model using matrix algebra
- CO3: employ the technique of differentiation to economic models for optimisation
- CO4: measure consumer and producer surplus using integral calculus
- CO5: determine the pattern of sequencing in series and probable outcomes in business

COURSE CONTENT:

UNIT I: ELEMENTARY ALGEBRA

15 hrs.

Theory of Indices – basic identities – rules of logarithm – Function: meaning – types – Equation: linear and quadratic– solutions – Equation of a straight line: different forms –parallel and perpendicular lines – point of intersection of two lines – solving simultaneous linear equations – Application of straight lines: demand and supply functions –market equilibrium – break-even analysis

UNIT II: MATRIX ALGEBRA

15hrs.

Definition – types – operation on matrices – properties – Determinants – properties – Solving a system of linear equations: matrix inversion method and Cramer's rule –Input-Output model (2 sectors): assumptions, uses and limitations

UNIT III: DIFFERENTIAL CALCULUS

15hrs.

Meaning of first derivative – Rules of differentiation: addition, multiplication, quotient, function of a function, inverse function, composite function and implicit function – higher order derivatives – maxima, minima and point of inflexion of a function of one variable –MC and MR functions, profit maximization and cost minimization

UNIT IV: INTEGRAL CALCULUS

15 hrs.

Meaning – rules of integration –definite and indefinite integrals –methods of integration: substitution and partial fraction methods – application to consumer surplus and producer surplus

UNIT V: PERMUTATION, COMBINATION AND PROBABILITY15 hrs.

Permutation–combination (simple problems)–Probability distribution:addition, multiplication, Bayes theorem

TEXT BOOK:

Sancheti, D.C. & Kapoor V.K., *Business Mathematics*. New Delhi:S.Chand& Company Pvt Ltd, 2019.

REFERENCE BOOK(S):

- Agarwal, D.R.*Mathematics for Economists*. New Delhi:Vrinda Publications, 2011.
- Mehta, B. C. & G.M.K. Madhani.*Mathematics for Economists*.New Delhi: S. Chand & Sons, 2016.
- Ranganath, G.K.Santangiram& Rajaram Y. *A Text Book of Business Mathematics*.New Delhi: Himalaya Publishing House,2018.
- Singh, J.K. *Business Mathematics*.3rdEdition. New Delhi: Himalaya Publishing House, 2018.
- Sundaresan, V.&JeyaseelanS.D.*An Introduction to Business Mathematics*. New Delhi:S.Chand& Company Pvt. Ltd., 2010.

Weber, Jean E., *Mathematical Analysis: Business and Economic Applications*. New York: Harper International Edition, 1967.

ECO2405AA BUSINESS MATHEMATICS	
CLASS	II B.Com. – SEMESTER II
Cognitive Level	K-3 Apply
	K-3 Apply
	K-3 Apply
	K-5 Evaluate
	K-5 Evaluate

ECO2202NI ECONOMICS AND ENVIRONMENT (THEORY)

COURSE OUTCOMES:

2 hrs./wk.

On successful completion of the course, the student will be able to

- CO1: explain the facts, concepts and methods of environmental principles
- CO2: recall the concept of market failures and externalities
- CO3: identify government measures for environmental problems
- CO4: perceive environmental issues at a global level

COURSE CONTENT:

UNIT I: INTRODUCTION TO ENVIRONMENTAL STUDIES

8 hrs.

The Seven Environmental Principles – multidisciplinary nature of Environmental studies – scope and importance – components of environment – concept of sustainable development – ecosystem – structure and function of ecosystem – Environmental Laws– Environment Protection Act, Prevention and Control of Pollution Act (Air, Water) – Montreal and Kyoto Protocols – Conservation of Biological diversity (CBD)

Case study: Visit to an area to document environmental assets or locally polluted sites

UNITII: THEORIES OF ENVIRONMENTAL ECONOMICS

8 hrs.

Market failure – externality – tragedy of the commons – private and social cost – technology versus environment – integration of conservation and development – material balance approach

Case study: The Delhi Smog

UNITIII: ECONOMIC SOLUTION TO ENVIRONMENTAL PROBLEMS

7 hrs.

Command and control – direct regulation emission tax – subsidies– tradable permits deposit refund system – participatory and voluntary agreements – Kolstad model of liability

Case study: A Civil Action: Fighting for Environmental Justice in Woburn

UNITIV: GLOBAL ENVIRONMENTAL ISSUES

7 hrs.

Brundtland Commission – Earth summits – global issues – Nuclear power projects: Chernobyl, Kudankulam

Case Study: Australian bushfire

TEXT BOOK:

Subhashini Muthukrishnan. *Economics of Environment*. New Delhi: PHI Learning, 2015.

REFERENCE BOOK(S):

- Essentials of Environmental Education*. Madurai, Tamil Nadu: Lady Doak College Publication, 2014
- Jhingan, M.L. & Chandar K. Sharma. *Environmental Economics: Theory, Management and Policy*. New Delhi: Vrinda Publications Pvt. Ltd., 2015.
- Karpagam, M. *Environmental Economics*. New Delhi: Sterling Publications Pvt. Ltd., 2012.
- Kumar, Arun. *Environmental Problems: Protection and Control*. New Delhi: Anmol Publications Private Ltd., 2002.
- Rao, M.N. & Rao H.V.N. *Air Pollution*. New Delhi: Tata McGraw-Hill Publishing Company Ltd., 2017.
- Sankaran, S. *Environmental Economics*. Chennai: Margham Publications, 2012.

ECO2202N I ENVIRONMENTAL STUDIES	
CLASS	I B.A. ECONOMICS – SEMESTER II
Cognitive Level	K-2 Understand
	K-1 Remember
	K-3 Apply
	K-5 Evaluate

ECO3404C M MACROECONOMICS –II**(THEORY)****COURSE OUTCOMES:****5hrs./wk.**

On successful completion of the course, the student will be able to

- CO1: recall the investment theories to make investment decision
- CO2: identify the effectiveness of monetary and fiscal policy
- CO3: recognise the working of IS-LM model in an economy
- CO4: interpret the impact of business cycles on the economy
- CO5: identify the macroeconomic issues

COURSE CONTENT:**UNIT I: THEORIES OF INVESTMENT****15hrs.**

The investment decision – change in interest rate – marginal efficiency of capital and capital accumulation – the accelerator theory of investment – flexible version of the accelerator theory – Hicks and Samuelson's theory of accelerator – Duesenberry's accelerator theory of investment – Tobin's Q theory of investment

UNIT II: STABILISATION POLICIES**15hrs.**

- (a) Meaning and scope of monetary policy – role of monetary policy – instruments of monetary policy – effectiveness and limitation of monetary policy
- (b) Meaning and scope of fiscal policy – types of fiscal policy – working of fiscal policy – instruments of fiscal policy – fiscal policy and macroeconomic goals – limitation of fiscal policy – monetary vs fiscal policy controversies

UNIT III: IS-LM MODEL**15hrs.**

Introduction – shifting of IS-LM curves and general equilibrium – effectiveness of monetary and fiscal policy under IS-LM model – current account and capital account convertibility of rupee – application of IS-LM model under fixed exchange rate system and flexible exchange rate system

UNIT IV: BUSINESS CYCLE**15hrs.**

Meaning – phases of business cycle – macroeconomic variables and business cycle – Classical Theory: Hawtrey's monetary theory – Von Hayek's monetary over-investment theory – Schumpeter's innovation theory – Hicks' theory of business cycle – Samuelson's model of business cycle – Keynesian theory of business cycle

UNIT V: MACROECONOMIC ISSUES**15hrs.**

Poverty–inflation– budgetary deficit– Environmental issue: trade-off between environmental degradation and economic development – global climate change – Pre and Post era of Covid-19

TEXT BOOK:

Mankiw N. Gregory. *Macroeconomics*. New York: Worth Publishers, 2015.

-*Principles of Macroeconomics*. New York: Western College, 2014.

REFERENCE BOOK(S):

Ahuja, H. L. *Macroeconomics: Policy and Theory*. New Delhi : Vikas Publishing House Pvt, Ltd, 2019.

Dewett, D. K. and Navalur, M. H. *Modern Economic Theory*. New Delhi : Vikas Publishing House Pvt, Ltd., 2018.

Dornbusch, Rudiger, Stanley Fischer and Richard Startz. *Macroeconomics*. New Delhi: Tata McGraw-Hill Publishing Company, 2018.

Diebold,X. Francis and Kamil Yilmaz. *Financial and Macroeconomic Connectedness: A Network Approach to Measurement and monitoring*. OUP USA, 2015.

Dwivedi, D. N. *Macroeconomics: Theory and Policy*. New Delhi: McGraw Hill Education (India) Pvt. Ltd., 2018.

Jhingan, M. L.and Jhingan B. K. *Macroeconomic Theory*. New Delhi: Vrinda Publication Pvt. Ltd., 2019.

Kennedy, M. Maria John. *Macroeconomic Theory*. Rimjhim House, 2012.

Nordhaus,D. William. *Economics and Policy Issues in Climate Change*. RFF Press, 2018.

OPEN EDUCATIONAL RESOURCE(S):**VIDEO:**

Fiscal and monetary policy. *YouTube*, Uploaded by Business Analysis for Engineers by Dr. S. Vaidhyasubramaniam, Department of Management, IIT Madras. nptelhrd. 22 December 2014, <https://www.youtube.com/watch?v=sXvXdKbhkok&t=560s>.CC BY Attribution license.

eBook(s):

Steven A. Greenlaw, David Shapiro, and Timothy Taylor. *Principles of Macroeconomics-2e*. Open Text Book Library, 2017. <https://openstax.org/details/books/principles-macroeconomics-2e>. Accessed by 25 June 2020. CC BY Creative Commons Attribution License by v4.0.

University of Minnesota Libraries Publishing, *Principles of Macroeconomics*. Open Text Book Library, 2016. <https://open.umn.edu/opentextbooks/textbooks/principles-of-macroeconomics>. CC BY-NC-SA.

ECO3404CMMACROECONOMICS –II	
CLASS	II B.A. Economics – Semester III
Cognitive Level	K-1 Remember
	K-2 Understand
	K-3 Apply
	K-3 Apply
	K-4Analyze

MAPPING: COs consistency with PSOs

ECO3404CMMACROECONOMICS – II			
CO / PSO	PSO		
	1	2	3
CO1	2	2	2
CO2	2	2	1
CO3	2	2	1
CO4	3	3	1
CO5	2	2	2

Strongly correlated (3) Moderately correlated (2) Weakly correlated (1)

ECO3405CMMATHEMATICS FOR ECONOMICS

(THEORY)

COURSE OUTCOMES:

5 hrs./wk.

On successful completion of the course, the student will be able to

CO1: recognise mathematical statements to represent economic relationship

CO2: employ matrix algebra to solve economic problems

CO3: apply basic rules of differential calculus

CO4: analyse economic problems using optimisation techniques

CO5: determine mathematical tools to analyse economic theory

COURSE CONTENT:

UNIT I: FUNCTIONS AND EQUATIONS

15 hrs.

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 of functions in economics:

demand, supply, utility, consumption, production, cost, revenue and profit functions

UNIT II: MATRIX ALGEBRA AND ITS APPLICATION

15 hrs.

Determinants – evaluation and properties – types of matrices – Matrix operations: addition,

subtraction and multiplication – transpose and inverse matrix – solving a system of linear equations

– Cramer’s rule and matrix inverse method – Leontief’s input-output model – Open model:

components, uses, and limitations – Hawkins-Simon conditions for viability of I-O model

UNIT III: APPLICATION OF DERIVATIVES WITH ONE VARIABLE CASE **15 hrs.**

Meaning, functions, exponential and logarithmic rules—addition, subtraction, product and division rule—composite function, inverse and implicit functions (derivative rules)—relation between marginal revenue, average revenue and elasticity of demand – marginal cost, average cost and cost elasticity – cost minimisation – revenue and profit maximisation

UNIT IV: APPLICATION OF DERIVATIVES WITH TWO VARIABLE CASE **15 hrs.**

Partial and total differentiation – utility function – properties of indifference curve – utility maximisation(with constraint) – partial elasticities of demand and nature of goods

UNIT V: INTEGRAL CALCULUS **15 hrs.**

Meaning – rules of integration – definite and indefinite integrals – methods of integration – substitution and partial fraction methods – application to consumer surplus and producer surplus

TEXT BOOK:

Mehta, B.C. and Madhani G.M.K.*Mathematics for Economists*.New Delhi:Sultan Chand, 2016.

REFERENCEBOOK(S):

Allen, R.G.D.*Mathematical Analysis for Economists*.London: Macmillan, 2014.

Chiang, A.C.and Wainwright. *Fundamental methods of Mathematical Economics*. 4th edition, New York: McGraw Hill, 2017.

Dowling, T. Edward.*Introduction to Mathematical Economics*.Schaum'sOutlines, New Delhi: McGraw-Hill, 2011.

Lancaster, K.*Mathematical Economics*. New York:Dover Publications, 2011.

Simon, P. Carl andLawrence Blume.*Mathematics for Economists*.New York:W. W. Norton & Company, 1994.

OPEN EDUCATIONAL RESOURCE(S):

eBook(s):

“Handbook of Mathematical Economics, Vol 1”, edited by Kenneth Arrow and Michael Intriligator, published by Elsevier, 4e, 2000<https://econpapers.repec.org/bookchap/eeemathes/1.htm>Accessed on 8 October, 2020, Creative Commons License.

“Handbook of Mathematical Economics, Vol 2”, edited by Kenneth Arrow and Michael Intriligator, published by Elsevier, 4e, 1993<https://econpapers.repec.org/bookchap/eeemathes/2.htm>Accessed on 8 October, 2020, Creative Commons License.

“Handbook of Mathematical Economics, Vol 3”, edited by Kenneth Arrow and Michael Intriligator, published by Elsevier, 2e, 2005<https://econpapers.repec.org/bookchap/eeemathes/3.htm>Accessed on 8 October, 2020, Creative Commons License.

“Handbook of Mathematical Economics, Vol 4”, edited by W. Hildenbrand and Hugo Sonnenschien, published by Elsevier, 1e, 1991<https://econpapers.repec.org/bookchap/eeemathes/2.htm>Accessed on 8 October, 2020, Creative Commons License.

VIDEO(S):

“Coefficient, Constant, Variable & Exponents”, Uploaded by FuseSchool, Sep 12, 2017<https://youtu.be/R1xpHtNkvDQ>, Creative Commons Attribution license (reuse allowed).

“Properties of Determinants”, Uploaded by NCERT Official, Sep 27, 2016<https://youtu.be/rXfL2mYN04Q>, Creative Commons Attribution license (reuse allowed).

“Operation of Matrices”, Uploaded by NIOSSeniorSecondaryCourses, Nov 22, 2017 <https://youtu.be/pneZSHNn0Yk>, Creative Commons Attribution license (reuse allowed).

“Lecture Video Cramer’s Rule”, Uploaded by Shilpi Singh, May 21, 2016 <https://youtu.be/lmdBMKlaiFA>, Creative Commons Attribution license (reuse allowed).

“3.3 Differentiation Rules”, Uploaded by Tyler Wallace, Dec 15, 2017 <https://youtu.be/9DtWqmmBfjA>, Creative Commons Attribution license (reuse allowed).

ECO3405CMMATHEMATICS FOR ECONOMICS	
CLASS	II B.A. Economics – Semester III
Cognitive Level	K-1 Remember
	K-3 Apply
	K-3 Apply
	K-4 Analyze
	K-5 Evaluate

MAPPING: COs consistency with PSOs

ECO3405CMMATHEMATICS FOR ECONOMICS			
CO/PSO	PSO		
	1	2	3
CO1	3	3	2
CO2	3	3	2
CO3	3	3	2
CO4	3	2	2
CO5	3	2	2

Strongly correlated (3) Moderately correlated (2) Weakly correlated (1)

ECO3403AA HEALTH ECONOMICS

(THEORY)

COURSE OUTCOMES:

5 hrs./wk.

On successful completion of the course, the student will be able to

- CO1: describe the key concepts in Health Economics
- CO2: apply theories of consumer behaviour to the demand for health care services
- CO3: identify the health care services, policies and programmes in India
- CO4: interpret the economic evaluation of health care services
- CO5: relate the theories involved in insurance with health care

COURSE CONTENT:

UNIT I: INTRODUCTION

15 hrs.

Health Economics – concepts – determinants of health – measures of health status (BMI, IMR, CMR, MMR) – morbidity and mortality – nutrition – PQLI and HDI relevance of economics in health care

UNIT II: MARKET FOR HEALTH CARE**15 hrs.**

Demand for health and medical care services – cost of health services – classification of cost by inputs – medical care markets – markets for hospital services

UNIT III: HEALTH CARE SERVICES**15 hrs.**

Preventive, curative, promotional and rehabilitative health care – health as a commodity – Government interventions in health care – pricing of health care services – private, public and public-private partnership health care in India – the role of NGO's in health care – alternative health care services – health care policy and programmes in India – facilities of health care in Tamil Nadu and Madurai district

UNIT IV: ECONOMIC EVALUATION OF HEALTH CARE SERVICES**15 hrs.**

Importance – types of evaluation: cost-benefit analysis – measuring benefits – discounting costs and benefits – cost effectiveness analysis – measuring health outcomes

UNIT V: HEALTH INSURANCE**15 hrs.**

Types of insurance – individual insurance plan – group insurance plan – floater insurance plan – the theory of risk insurance – health insurance and market failure (asymmetric information, adverse selection and moral hazards) – the provision of health insurance in India – Government health insurance schemes

TEXT BOOK(S):

Henderson, W. James. *Health Economics and Policy*. Third Edition. South-Western: Cengage Learning, 2005.

Sundar I. *Principles of Health Economics*. New Delhi: Sarup book publishers Pvt. Ltd, 2009.

REFERENCE BOOK(S):

Bhende A. Asha and Tara Kaniitkar. *Principles of Population Studies*. New Delhi: Himalaya Publishing House, 2015.

Henderson W. James. *Health Economics and Policy*. Boston: Cengage Learning, 2011.

Kaewsonthi, Somkid and Alan G. Harding. *Micro Economic Analysis and Applications in the Health Sector*. Students Guide. Chulalongkorn University: The Centre for Health Economics Faculty of Economics, 1993.

Morris, Stephen, Nancy Devlin and David Parkin. *Economic Analysis in Health Care*. New Jersey: Wiley Dream Tech India Pvt Ltd, 2009.

Pattnaik, Pushpalata. *Health Economics*. New Delhi: Black Prints, 2013.

Shanmugasundaram Y. *Theory and Practice of Health Economics in India*. Chennai: Institute of Advanced Studies and Research, 1994.

OPEN EDUCATIONAL RESOURCE(S):**VIDEO(S):**

National Mission on Education through ICT, *Concepts and definition of health – P08 M03*. Open Online Course, 2019. <https://epgp.inflibnet.ac.in/Home/VidewSubject?catid=453>. Accessed 08 October 2020. MOOCs course.

“Economic Evaluation Webcast Part 1 of 5: Introduction to Economic valuation.” *YouTube*. Uploaded by Centers for Disease Control and Prevention. 17 March 2017, <https://youtu.be/x6qgiy6-c7s>. CC BY license.

“Burden of disease: What does DALY means?” *YouTube*. Uploaded by Allversity. 23 August 2012, <https://www.youtube.com/watch?v=AwSpYcinsFc>. CC BY license.

“Health insurance Explained.” *YouTube*. Uploaded by KFF. 11 November 2014, <https://youtu.be/58VD3z7ZiQ>. CC BY license.

ECO3403AAHEALTH ECONOMICS	
CLASS	II B.A. Economics – Semester III
Cognitive Level	K-2 Understand
	K-3 Apply
	K-3 Apply
	K-3 Apply
	K-3 Apply

MAPPING: COs consistency with PSOs

ECO3403AAHEALTH ECONOMICS			
CO / PSO	PSO		
	1	2	3
CO1	2	2	2
CO2	2	2	1
CO3	2	2	1
CO4	2	2	2
CO5	2	2	2

Strongly correlated (3), Moderately correlated (2), Weakly correlated (1)

**ECHI3201EI INDIA AND THE WORLD
(THEORY)**

COURSE OUTCOMES:

2 hrs./wk.

On successful completion of the course, the student will be able to

CO1: recognize the geographical location and political background of India since independence

CO2: compare Indian economic development before and after globalisation

CO3: relate the role of India with International Organizations

CO4: describe India's relationship with regional intergovernmental organisations

COURSE CONTENT:

UNITI: INDIA'S GEOGRAPHY AND POLITY

8 hrs.

India's location – political background – post World War II scenario – bipolar to unipolar – power centers

UNITII: INDIA'S ECONOMY

7 hrs.

Indian economy – pre-globalization and post globalization – its impact – trading relations with the world

UNIT III: INDIA'S ROLE IN INTERNATIONAL ORGANIZATIONS 7 hrs.

UNO, WTO

UNITIV: INDIA'S RELATION WITH UNDER DEVELOPED COUNTRIES 8 hrs.

G11 countries – SAARC, ASEAN, BRICS

TEXT BOOK:

Chandra, Bipan, Mridula Mukherjee and Aditya Mukherjee. *India since Independence 1947 – 2000*. New Delhi: Penguin Books, 2000.

REFERENCE BOOK(S):

Datt, Gaurav and Ashwani Mahajan. *Indian Economy*. New Delhi: Chand and Company Limited, 2018. Print.

Dutt, V. P. *India's Foreign Policy*. Sahibabad: Vikas Publishing House, 1987. Print.
Deepashree. *Indian Economy – Performance and Practice*. New Delhi: Anu Books Pvt. Ltd, 2011. Print.

Pearson, S. Frederic and Martin Rochester, J. *International Relations*. USA: Addison – Wesley Publishing Company, 1984. Print.

Gandhi, P. Jagadish. *Globalised Indian Economy: Contemporary Issues and Perspectives*. New Delhi: Deep & Deep, 2003. Print.

Garmora, L. Jitendra. *Indian Economy & Global Recession: An Impact Analysis*. Jaipur: Vital Publications, 2010. Print.

Ghosh, Peu. *International Relations*. New Delhi: PHI Learning, 2020. Print.

Khanna, Kewal and Pramila Khanna. *Indian Economy towards Globalisation*. Raj Publishing House, 2001. Print.

Pradhan, Alok. *Comparative Politics and International Relations*. New Delhi: Pacific Publication, 2010. Print.

Sen, Sailendra Nath. *Advanced History of Modern India*. New Delhi: Macmillan Publishers, 2017. Print.

Shiraev, Eric, and Zubok Vladislav Martinovic. *International Relations*. Oxford University Press, 2020. Print.

OPEN EDUCATIONAL RESOURCE(S):

eBook(s):

Aradhana Nand. *Post reform Appraisal*. M-13 UGC MOOCs ePathasala. http://ugcmoocs.inflibnet.ac.in/ugcmoocs/view_module_pg.php/647 Accessed 10 October 2020.

Anu Satyal. *Liberalisation, Privatisation, Globalisation and Disinvestment*. M-15 UGC MOOCs ePathasala. http://ugcmoocs.inflibnet.ac.in/ugcmoocs/view_module_pg.php/649 Accessed 10 October 2020.

VIDEO(S):

"Indian Economy since independence." *YouTube*. Uploaded by Anuj Jindal. 20 August 2019. <https://www.youtube.com/watch?v=ApTwiJWcitM> CC BY license.

"ASEAN" *YouTube*. Uploaded by Heinrich-Böll-Stiftung. 31 January 2018. <https://www.youtube.com/watch?v=WAnfj8v5acM> CC BY 3.0

"History of UNO." *YouTube*. Uploaded by First Rate Tutors. 30 October, 2019. <https://www.youtube.com/watch?v=z53zY5rCirc> CC BY license.

ECHI3201EI INDIA AND THE WORLD	
CLASS	IIUG – SEMESTER III
Cognitive Level	K-1 Remember
	K-2 Understand
	K-2 Understand
	K-2 Understand

ECMA3201EI BASICS OF PERSONAL FINANCE

(THEORY)

COURSE OUTCOMES:

2 hrs./wk.

On successful completion of the course, the student will be able to

- CO1: recall the categories and functions of financial market
- CO2: employ rational decision-making strategies on personal savings and loans
- CO3: solve problems involving simple and compound interest
- CO4: explain different terms and solve problems in annuity

COURSE CONTENTS:

UNIT I: FINANCIAL MARKETS AND STOCK MARKETS

7 hrs.

Money – kinds – value of money – fluctuations – business cycle – phases – financial market – stock market – SENSEX – NIFTY, BSE, NSE

UNIT II: PERSONAL FINANCE

8 hrs.

- a. Savings: fixed deposits, recurring deposits, savings bank deposits, post office savings, public provident fund – gold – mutual funds, shares – Insurance: health and life – real estate
- b. Loans: education, housing and personal loans

UNIT III: SIMPLE INTEREST, COMPOUND INTEREST

7hrs.

Simple Interest – Compound Interest: accumulated value – finding the rate – finding the time

UNIT IV: SIMPLE ANNUITIES AND EMI

8hrs.

Simple annuities: definitions and notation – accumulated value of an ordinary simple annuity – finding the term of an annuity – finding the interest rate – EMI

TEXT BOOK(S):

Kaur, Harvinder. *Stock Market Volatility in India*. New Delhi: Deep & Deep publications Private Limited, 2009.

Pandit, Amar. *Financial Planning Book*. New Delhi: Network 18 publications private limited, 2012.

Zima, Petr and Robert. L. Brown. *Schaum outlines - Mathematics of Finance*. 2nd ed., USA: McGrawHill company Inc., 2005.(Chapter: 3(3.1), 4 (4.1, 4.5, 4.6), 5(5.1,5.2,5.5,5.6)- Simple problems only).

Sankaran,S. *Money Banking and International Trade*. Chennai: Margham Publications, 2010.

REFERENCEBOOK(S):

Avadhani V. A. *Fundamentals of Money and Banking*. New Delhi: Himalaya Publishing House, 2017.

Bradley, Teresa and Paul Patton. *Essential Mathematics for Economics and Business*. 2nd ed. New Delhi: Wiley India, 2008.

Madisyn, Janeka Ane. *National Stock Exchange of India*. Plic press, 2011.

Manish, Chauhan. *Personal Finance Principles Every Investor Should Know*. New Delhi: Network Publications, 2013.

Mishkin, Frederic S. *The Economics of Money, Banking and Financial Markets*. New Delhi: Pearson Education India, 2019.

Shahani, Rakesh. *Financial Market in India*. New Delhi: Anambika Publishers, 2008.

Soper, Jean. *Mathematics for Economics and Business*. New Delhi: Atlantic Publishers, 2002.

Sudarshan, Sukhani. *Trading the Markets*. New Delhi: Vision Books, 2013.

Sundaram K. P. M. *Money, Banking and International Trade*. New Delhi: Sultan Chand & Sons, 2010.

OPEN EDUCATIONAL RESOURCE(S):

TEXT:

Defining money by its function, [Principles of Economics 2e](https://opentextbc.ca/principlesofeconomics2eopenstax/chapter/defining-money-by-its-functions/).

<https://opentextbc.ca/principlesofeconomics2eopenstax/chapter/defining-money-by-its-functions/> by Rice University is licensed under a [Creative Commons Attribution 4.0 International License](https://creativecommons.org/licenses/by/4.0/). Accessed on October 8, 2020.

VIDEO:

Investing 101: Stocks, Bonds, 401K, Cash, Portfolios, Asset Allocation, Etc.by GuidedChoiceView attributions<https://www.youtube.com/watch?v=I4TzfPflMB4>**August 12,2015. Creative Commons Attribution license (reuse allowed)**

eBook(s):

Gail Poitras. Math for our world,<https://granite.pressbooks.pub/math502/chapter/annuities-and-loans/>. CC BY-SA 2.0 license.

Jay Abramson. Precalculus, 2014. <https://courses.lumenlearning.com/epcc-atdcoursereview-collegealgebra-1-2/chapter/use-compound-interest-formulas/>. CC BY 4.0 license.

Lynn Marecek, MaryAnne Anthony-Smith. Prealgebra, 2016.

<https://cnx.org/contents/yqV9q0HH@9.757:pLt9FYr@4/Introduction> . CC BY 4.0 license.

ECMA3201EI BASICS OF PERSONAL FINANCE	
CLASS	IIUG – SEMESTER III
Cognitive Level	K-1 Remember
	K-3 Apply
	K-3 Apply
	K-5 Evaluate

ECZO3201EI ECONOMICS OF DAIRY FARMING

(THEORY)

COURSE OUTCOMES:

2 hrs./wk.

On successful completion of the course, the student will be able to

CO1: recognize economic aspects of dairy farming

CO2: relate the merits and demerits of different breeds of milch animals

CO3: compare different methods of care of milch animals

CO4: identify sources of finance and budgeting for a dairy farm

COURSE CONTENT:

UNIT I: INTRODUCTION

8hrs.

Economics of dairy business: inputs – fixed cost, variable cost – outputs – milk, milk products, manure, meat, leather – dairy development in India – formation of milk co-operatives – Operation Flood – three phases

UNIT II: CATTLE REARING

8hrs.

Cows, buffaloes – economic importance – selection of milch animal – breeds of buffaloes (Murrah, Toda) – cows (indigenous: Haryana, Ongole, Rathi, Sahiwal, and foreign: Brown Swiss, Holstein Friesian, Jersey) – merits and demerits – feeding of milch animals – milking of animals – diseases – protection against diseases – breeding care – care during pregnancy – care of calves, dairy cow suppliers – visit to Dairy Farm

UNIT III: GRAZING

7hrs.

Housing and sanitation, construction of shelters: ideal space and dimensions, bedding material, disposal/ reuse of dung and urine, grazing requirements, grazing and fodder requirements

UNIT IV: BUDGETING AND FINANCING

7hrs.

Budgeting for a dairy farm – Government schemes – State and Centre – sources of finance – banks, NABARD – procedure for availing loans and subsidies – marketing of milk and dairy products – case studies – Amul, Aavin, SNP

TEXT BOOK:

Dokania, G. S. *Economics of Dairy Farming*. New Delhi: Satyam Publishing House, 2012.

REFERENCE BOOK(S):

EIRI board, *Handbook of Dairy Farming: To Produce Milk with Packaging*. 2nd edition. Delhi: Engineers India Research Institute, 2008. Print.

Rao, P.V. *Dairy Farm Business Management*. 1st edition. New Delhi: Daya Publishing House, 2008. Print.

Foley, C. Richard, Donald L. Bath, Frank N. Dickinson, H. Allen Tucker, *Dairy Cattle: Principles, Practice, Problems, Profits*. Philadelphia: LEA & Febiger, 1972. Print.

Sethumadhavan, T.P. *Sustainable Dairy Farming: An Overview*. 1st edition. New Delhi: Jaypee Brothers Medical Publishers Private Limited, 2004. Print.

WEBSITE(S):

http://agritech.tnau.ac.in/12th_fyp_tn/2.%20Agriculture%20and%20Allied%20Sectors/2_7.pdf

http://www.indiadairy.com/ind_operationflood.html

<http://www.nabard.org/>

www.agricultureinformation.com/.../88723-dairy-farm-information-tamilnadu.html

www.agrifarming.in > Agriculture Farming

OPEN EDUCATIONAL RESOURCE(S):

eBook(s):

Blair Robert (2011) Nutrition and Feeding of Organic Cattle CABI ISBN 13: 9781845937584 Retrieved from: <https://book4you.org/book/1103425/2775e6>

Hristov A., E. Pfeffer (2005) Nitrogen and Phosphorus Nutrition of Cattle CABI ISBN 13: 9781845931438 Retrieved from: <https://book4you.org/book/1068806/0d869d>

Moran John (2005) Tropical dairy farming: feeding management for small holder dairy farmers in the humid tropics CSIRO Publishing, ISBN 13: 9780643093133

Retrieved from: <https://book4you.org/book/594669/b95f03>

Peek Simon, Thomas J Divers (2018) Rebhun's Diseases of Dairy Cattle ISBN 13: 9780323390552 Retrieved from: <https://book4you.org/book/3705540/e30990>

IMAGE:

Queensland State Archives. "Handmilking at a dairy farm near Walloon, c 1898". *Flickr*. Web. Retrieved from <https://www.flickr.com/photos/60455048@N02/8279681500>, CC PDM 1.0.

VIDEO(S):

"A Modern Cow Farm – Holland 2019." *Youtube*. Uploaded by Daily Leo Video. 20 May 2019, <https://www.youtube.com/watch?v=1zEDPDCG2yQ>. CC by License.

"What it Takes to Run a Dairy Farm in Kenya." *Youtube*. Uploaded by SNRD Africa. 4 June 2018, <https://www.youtube.com/watch?v=GF8ksBGEtjk>. CC by License.

"Data Farming in the Philippines." *Youtube*. Uploaded by Ka Dairy Lesson 101. 29 July 2020, <https://www.youtube.com/watch?v=2lrBmxSVp0Q>. CC by License.

kkar. 22 January 2015, <https://www.youtube.com/watch?v=ojnVmilmYj8CC> by License. "Calf Nutrition- 2 Upto Weaning" *Youtube*. Uploaded by Animal Nutrition-Dr Tanveer Ahmad 29 April 2020 <https://www.youtube.com/watch?v=x9-6EfMdwHMCC> by License

"Innovation platforms for dairy development in India and Tanzania" *Youtube*. Uploaded by International Livestock Research Institute (ILRI) 17 July 2016 <https://www.youtube.com/watch?v=TixclqdQlb8>

ECZO3201EI ECONOMICS OF DAIRY FARMING	
CLASS	IIUG – SEMESTER III
Cognitive Level	K-1 Remember
	K-2 Understand
	K-3 Apply
	K-4 Analyze

उद्यमकर्ता हेतु संपर्क हिंदी

ECHN3201EI COMMUNICATIVE HINDI FOR ENTREPRENEURS

(THEORY)

पाठ्यक्रमकापरिणाम:

इसपाठ्यक्रमकासफलतापूर्वकसमाप्तिपरविद्यार्थी

CO1: उपयुक्तहिन्दीशब्दोंकीपहचानकरसंप्रेषणकेलिएउपयोगकरपायेंगी

CO2: बैंकिंगपरिचालनकेलिएव्यवहृतहिन्दीशब्दोंकोस्थापितकरपायेंगी

CO3: व्यावसायिकसंप्रेषणोंकेलिएहिन्दीभाषाकाउपयोगकरपायेंगी

CO4: उद्यमिताकेलिएसंप्रेषणात्मकहिन्दीमेंकौशलविकासकरपायेंगी

COURSE OUTCOMES:

2 hrs./wk.

On successful completion of the course, the student will be able to

CO1: identify the Hindi words and use it for communication

CO2: locate the Hindi words used for banking operations

CO3: apply Hindi language for business communications

CO4: develop skills in communicative Hindi for entrepreneurship

COURSE CONTENT:

UNIT I: दैनंदिन हिंदी (DAY-TO-DAY HINDI)

8 hrs.

हिंदी वर्ण और शब्द-सब्जियाँ-फल -मसाला -रिश्तेदार-शरीर के अंग-घरेलू वस्तुएँ-भावनाएँ-सरल वार्तालाप

Hindi letters and words – vegetables– fruits– condiments – relatives– parts of the body –household materials and emotions –simple conversations

UNIT II: बैंकिंग हिंदी (BANKING HINDI)

8 hrs.

बैंकिंग शब्दावली-बैंकिंग परिचालन से संबंधित पत्र व्यवहार

Banking terminology –draft letters related to banking operations

UNIT III: व्यावसायिक हिंदी (BUSINESS HINDI)

7 hrs.

व्यावसायिक शब्दावली – टेलीफोन और ई-मेल के माध्यम से व्यावसायिक संचार

Business terminology –business communication through telephone and e-mail

UNIT IV: बोलचाल की हिंदी (COMMUNICATIVE HINDI FOR ENTREPRENEUR)

7 hrs.

विज्ञापन -विपणन के चैनल-उत्पाद का परिचय-ग्राहक सेवा

Advertisement– channels of marketing – product introduction – customer dealing

REFERENCE BOOK(S):

डॉ. के.एम. चन्द्रमोहन. *हिन्दी वातायन*. वारणासी: विश्वविद्यालय प्रकाशन, 2006. Print.

डॉ. सुनील जोगी. *व्यावहारिक हिन्दी*. दिल्ली: आधुनिक प्रकाशन, 2001. Print.

विमलेश कान्ति वर्मा. *संप्रेषणमूलक व्यवसायिक हिन्दी*. चेन्नै: ओरिएन्टल ब्लैकस्वान प्रकाशन, 2001. Print.

REFERENCE WEBSITE(S):

www.lspeakhindi.com
www.webdunia.com
www.hindinest.com
www.bhashaindia.com
www.jagaransahitya.com

OPEN EDUCATIONAL RESOURCE(S):

eBook(s):

“Hindi for Non Hindi Speaking People”, published by Kavita Kumar, 1994
<https://archive.org/details/HindiForNonHindiSpeakingPeople/page/n37/mode/2up>. Accessed on 15 October, 2020, Creative Commons License

“Hindi to English Sentences and Phrases for Spoken English conversation”, published by Grammareer <https://www.grammareer.com/Hindi-to-English-sentences-Phrases>.

TEXT:

Lesson #30: A Simple Hindi Conversation, published by Learning Hindi, Aug 17, 2010 <https://www.learning-hindi.com/post/967395929/lesson-30-a-simple-hindi-conversation> Accessed on 15 October, 2020, Under a CC-BY-NC 3.0 unported licence.

“Business Communication”, published by The Directorate of Distance Education, Guru Jambheshwar University of Science and Technology, Hisar, 2019. <http://www.freebookcentre.net/business-books-download/Business-Communication.html>, <http://www.ddegjust.ac.in/studymaterial/mba/cp-105.pdf> Accessed on 15 October, 2020, Creative Commons License.

“Advertising Management”, published by EILM University, Sikkim, 2019 <http://www.freebookcentre.net/business-books-download/Advertising-Management.html>, <http://www.eilmuniversity.co.in/downloads/Advertising-Management.pdf>. Accessed on 15 October, 2020, Creative Commons License.

VIDEO(S):

“सब्जियोंकेनामहिंदीऔरअंग्रेजीमें, vegetables name Hindi and English”, *Youtube*, Uploaded by kids pathshala, Aug 28, 2020. <https://youtu.be/BEPTKSSwq6U>, Creative Commons Attribution license (reuse allowed).

“Can you Name Indian spices In English and Hindi”, *Youtube*, Uploaded by Bobbygeetha, Apr 24, 2020. <https://youtu.be/p8S9M49bSPQ>, Creative Commons Attribution license (reuse allowed).

“44 रिश्तेदारोंकेनामहिंदीऔरइंग्लिशमें, Relatives name English and Hindi mein”, *Youtube*, Uploaded by Zeenat, Aug 20, 2020. <https://youtu.be/P-OncjGWatY>, Creative Commons Attribution license (reuse allowed).

“शरीरकेअंगोंकेनाम, Body Part Name In Hindi-English”, *Youtube*, Uploaded by Zeenat, Aug 7, 2020 <https://youtu.be/-qRiiFdqptU>, Creative Commons Attribution license (reuse allowed).

“51 घरेलुचीजोंकेइंग्लिशनाम, 51 Household Articles name Hindi and English”, *Youtube*, Uploaded by English Study Classes, Aug 23, 2020 <https://youtu.be/E3-AdLKXp88>, Creative Commons Attribution license (reuse allowed).

“ऐसेकरोविज्ञापन, ग्राहकखींचाचलाआएगा, Best Advertisement Methods”, *Youtube*, Uploaded by Mettas Club Dr. Amit Maheshwari, Oct 1, 2020 <https://youtu.be/xP6iwdbzIac>, Creative Commons Attribution license (reuse allowed).

“4 Ps of Marketing Strategies, Grow Sale & Profit”, *Youtube*, Uploaded by Mettas Club Dr. Amit Maheshwari, Nov 28, 2020 https://youtu.be/F_aZO1TNGaw, Creative Commons Attribution license (reuse allowed).

“ऐसीमार्केटिंगस्ट्रेटेजीजोसेलकईगुनाबढ़ादे”, *Youtube*, Uploaded by Mettas Club Dr. Amit Maheshwari, May 4, 2018 <https://youtu.be/8DN3WDsX51A>, Creative Commons Attribution license (reuse allowed).

ECHN3201EI COMMUNICATIVE HINDI FOR ENTREPRENEURS	
CLASS	IIUG – SEMESTER III
Cognitive Level	K-1 Remember
	K-2 Understand
	K-3 Apply
	K-3 Apply

ECO4503CM DEVELOPMENT ECONOMICS

(THEORY)

COURSE OUTCOMES:

6 hrs./wk.

On the successful completion of the course, the student will be able to

- CO1: relate the concepts of economic development
- CO2: discuss the theories of development
- CO3: identify theories of economic growth
- CO4: analyse developmental policies and reforms
- CO5: assess the role of institutions in economic development

COURSE CONTENT:

UNIT I: ECONOMICS OF DEVELOPMENT: CONCEPTS AND INDICATORS

18 hrs.

Introduction – Economic Development and Economic Growth – Economic welfare and progress – characteristics of developing countries – indicators – factors of Economic growth – Economic and Non-Economic factors – obstacles – PQLI – Human Development Index – Green Index – Happiness Index – Sustainable Development – other indicators

UNIT II: THEORIES OF DEVELOPMENT

18 hrs.

Classical theory – Neo-Classical – Karl Marx – Schumpeter’s Theory of Innovation – Keynes’s views about development – Rostow’s Growth Theory – Lewis Theory of Unlimited Supplies of Labour – Nurkse Theory of Disguised Unemployment – Doctrine of balanced growth and unbalanced growth – Big Push Theory

UNIT III: GROWTH MODELS

18 hrs.

Harrod-Domar Model – Joan Robinson – Meade Model – Steady Growth Model – Solow Model – New Endogenous Growth Model – Lucas Model – Romer’s Model – Policy Implications of New Growth Theory

UNIT IV: ECONOMIC DEVELOPMENT IN INDIA: POLICY AND REFORMS

18 hrs.

Capital formation – role of agriculture, industry and service sectors in economic development – poverty and inequality – human capital formation and manpower – Monetary and fiscal policy in economic development – international policies – foreign aid – Washington consensus: components and critical evaluation – trade policy in development – import substitution – export promotion

UNIT V: INSTITUTIONS AND ECONOMIC DEVELOPMENT

18 hrs.

Institutions and Economic Development: formal and informal Institutions – role of market and state in economic development – public enterprises in India – role of financial system in development – non-governmental institutions – private enterprises and economic development – public-private partnership model in development – foreign capital and investment – Multi-national corporations – political and social environment

TEXT BOOK:

Taneja M L and Myer R M. *Economics of Development and Planning*. New Delhi: Vishal Publishing company, 2017.

REFERENCE BOOK(S):

Hayami, Yujiro and Yoshihisa Godo. *Development Economics: From the Poverty to the Wealth of Nations*. New York: Oxford University Press, 2006.

Jhingan, M.L. *Economics of Development and Planning*. New Delhi: Vrinda Publications Pvt. Ltd, 2012.

Meier M. Gerald. *Leading issues in Economic Development*. London: Oxford University Press, 1999.

Taneja, M.L. and Myer, R.M. *Economics of Development and Planning*. Jalandhar: Shobanlal Nagin Chand & Co. 2011.

Thirlwall, A.P. *Economics of Development*. 9th edition. New York: Palgrave Macmillan. 2011.

Thirlwall, A.P. *Growth and Development with Special Reference to Developing Economics*. New York: Palgrave Macmillan. 2003.

Todaro, Michael. *Economics of Development*. United Kingdom: Longmen Group, 2006.

OPEN EDUCATIONAL RESOURCE(S):

VIDEO(S):

Concepts of Economic Growth and Development. YouTube, Uploaded by NPTEL IIT Guwahati. 25 July 2018, CC BY Attribution license.

<https://www.youtube.com/watch?v=9Vy0In2fnE4&list=PLwdnzIV3ogoXxAT0AGHAQ3iMswK39C6gS&index=2>.

Strategies of Economic Development and Growth – II. YouTube, Uploaded by NPTEL IIT Guwahati. 19 Aug 2018, CC BY Attribution license.

<https://youtu.be/xCs7E0nGC8?list=PLwdnzIV3ogoXxAT0AGHAQ3iMswK39C6gS>.

COs cognitive level and mapping with PSOs

ECO4503CM DEVELOPMENT ECONOMICS				
CO	COGNITIVE LEVEL	PSO		
		1	2	3
CO1	K-1 Remember	1	1	1
CO2	K-2 Understand	1	1	1
CO3	K-3 Apply	1	1	1
CO4	K-4 Analyse	2	1	1
CO5	K-5 Evaluate	2	1	1

Strongly correlated (3) Moderately correlated (2) Weakly correlated (1)

ECO4504CM FISCAL ECONOMICS

(THEORY)

COURSE OUTCOMES:

6 hrs./wk.

On successful completion of the course, the student will be able to

CO1: describe the major fiscal functions

CO2: explain the theories of public expenditure

CO3: identify the various sources of revenue to the government

CO4: examine the principles of public debt and budgeting policies

CO5: analyse the functioning of fiscal authorities

COURSE CONTENT:

UNIT I: INTRODUCTION

18 hrs.

Meaning and scope of public finance – major fiscal functions – private and public goods – mixed goods – merit goods – social goods – market failure public goods and externalities – principle of maximum social advantage (Dalton and Musgrave)

UNIT II: PUBLIC EXPENDITURE

18 hrs.

Theories of public expenditure – Wagner – Peacock Wiseman – canons and effects of public expenditure on production, distribution and economic stability – growth of public expenditure in India

UNIT III: PUBLIC REVENUE

18 hrs.

Direct and indirect taxation, specific and ad valorem, proportionate, progressive, regressive and degressive – Canons and Principles of Taxation – Theory of optimal taxation – modern theory of incidence – tax reform proposals of Kelkar Committee – tax structure in India – Value Added Tax – MVAT – Goods and Services Tax (GST)

UNIT IV: PUBLIC DEBT AND FINANCIAL ADMINISTRATION

18 hrs.

Classification and sources of public debt – burden of public debt – principles of public debt – methods of repayment of public debt – growth of India's public debt – FRBM – Budget: meaning – types – qualities of a good budget – preparation and passing of budget in India – discussion on current central and state budgets – Public Finance Management System – Direct Benefit Transfer

UNIT V: FISCAL FEDERALISM AND FISCAL POLICY**18 hrs.**

Fiscal federalism – role of finance commission – local finance – structure – functions and resources – principles – recommendations of the recent finance commission – objectives and instruments of fiscal policy – green bonds - compensatory fiscal policy – fiscal policy for economic stability and growth – effectiveness of fiscal policy

TEXT BOOK:

Tyagi, B. P. *Public Finance*. Meerut: Jai Prakash Nath Co., 2013. Print.

REFERENCE BOOK(S):

Bagchi, Amaresh. *Readings in Public Finance*. New Delhi: Oxford University Publications, 2005. Print.

Bhatia, H.L. *Public Finance*. 30th ed. New Delhi: Vikas Publishing House Pvt. Ltd, 2020. Print.

Boadway, R. and Wildasin, D. *Public Sector Economics*. London: Cambridge University Press, 1984. Print.

Chelliah, J. Raja. *Towards Sustainable Growth: Essays in Fiscal and Financial Sector Reforms in India*. New Delhi: Oxford University Press, 1996. Print.

Cullis, John and Philip Jones. *Public Finance and Public Choice, Analytical Perspectives*. 3rd ed. New Delhi: Oxford University Press, 2009. Print.

Hillman, L. Arye. *Public Finance and Public Policy*. London: Cambridge University Press, 2003. Print.

Musgrave, R. A. and P.B. Musgrave. *Public Finance in Theory and Practice*. 5th ed. New Delhi: Tata McGraw Hill Education, 2004. Print.

OPEN EDUCATIONAL RESOURCE(S):**VIDEO(S):**

“What is DIRECT TAX? What does DIRECT TAX mean? DIRECT TAX meaning, definition & explanation”, Uploaded by The Audiopedia, Jun 25, 2018, Creative Commons Attribution license (reuse allowed) https://www.youtube.com/watch?v=MwzBMC3SStg&ab_channel=TheAudiopedia

“Public Finance”, Uploaded by TSBIE Digital Study Kit, Dec 28, 2078, Creative Commons Attribution license (reuse allowed)

https://www.youtube.com/watch?v=P_GOZxf4N-Y&ab_channel=TSBIEDigitalStudyKit

COs cognitive level and mapping with PSOs

ECO4504CM FISCAL ECONOMICS				
CO	Cognitive Level	PSO		
		1	2	3
CO1	K-2 Understand	2	1	1
CO2	K-2 Understand	2	2	1
CO3	K-3 Apply	2	2	1
CO4	K-4 Analyse	2	2	1
CO5	K-4 Analyse	2	2	1

Strongly correlated (3) Moderately correlated (2) Weakly correlated (1)

ECO4203SP COMPUTER APPLICATIONS IN ECONOMICS

(LAB)

COURSE OUTCOMES:

2 hrs./wk.

On successful completion of the course, the student will be able to

CO1: recognise basic operations in spreadsheet

CO2: calculate descriptive statistics using spreadsheet

CO3: deduce correlation and regression

CO4: analyse the non-linear relationships using spreadsheet

CO5: interpret different means

COURSE CONTENT:

UNIT I: INTRODUCTION TO SPREADSHEET

6 hrs.

Introduction to Spreadsheet – Tool Bars – Calculation Operators: Arithmetic – Comparison – Logical

UNIT II: DESCRIPTIVE STATISTICS USING SPREADSHEET

6 hrs.

Summary Statistics: minimum, maximum – sum – mean – median – mode – range – standard deviation – variance – Skewness – Kurtosis – Frequency distributions – Univariate – Bivariate – Frequency Polygons – Ogives – Graphical Illustrations: column and bar diagram – histogram – pie diagram – line graphs – scatter plot – stack diagram and radar diagram

UNIT III: LINEAR RELATIONSHIPS USING SPREADSHEET

6 hrs.

Measures of Linear Relationships – Correlation: simple, partial and multiple – coefficient of determination – Regression: simple and multiple regression – ANOVA

UNIT IV: NON-LINEAR RELATIONSHIPS USING SPREADSHEET

6 hrs.

Measures of Non-Linear Relationships – Double Log Model: estimation of elasticity measure – Semi-log Model – Estimation of Growth Rates – Reciprocal Model – Estimation of Asymptote values – Regression on Dummy variables

UNIT V: COMPARE MEANS USING SPREADSHEET

6 hrs.

Significance of difference in Means – Student's t-Test – ANOVA (one-way & two-way)

REFERENCE BOOK(S):

Davis, Glyn and Branko Pecar. *Business Statistics- Using Excel*. New York: Oxford University Press, 2013.

Lipschutz M. Martin and Seymour Lipschultz. *Theory and Problems of Data Processing: Schaum's Outline Series*. Singapore: McGraw-Hill Company, 1989.

Sandler, Corey, Tom Budgett and Jan Weingarten. *Teach Yourself Office 97 for windows*. New Delhi: BPB Publications, 1997.

Whigham, David. *Business Data Analysis Using Excel*. New Delhi: Oxford University Press, 2008.

OPEN EDUCATIONAL RESOURCE(S):

VIDEO(S):

"Microsoft Excel Basic Tutorial." *Lecture notes*. Uploaded by Dave Hirsch. 2012, <https://www.oercommons.org/courses/microsoft-excel-basic-tutorial>. CC BY NC SA License.

“Library Guides: Statistical Analysis Software: SPSS Resources.” *Tutorials*. Uploaded by Georgia Southern University. 2017, <https://georgiasouthern.libguides.com/c.php?g=834291>.
CC BY NC SA License.

Required Software (Open Source)

1. Spreadsheet
2. PSPP

COs cognitive level and mapping with PSOs

ECO4203SP COMPUTER APPLICATIONS IN ECONOMICS				
CO	COGNITIVE LEVEL	PSO		
		1	2	3
CO1	K-1 Remember	2	2	2
CO2	K-3 Apply	2	2	3
CO3	K-4 Analyse	3	3	3
CO4	K-4 Analyse	3	3	3
CO5	K-5 Evaluate	3	3	3

Strongly correlated (3) Moderately correlated (2) Weakly correlated (1)

ECHI4202EI ECONOMIC HISTORY OF INDIA

(THEORY)

COURSE OUTCOMES:

2 hrs./wk.

On successful completion of the course, the student will be able to

CO1: discuss the historical events from the ancient to the British period

CO2: relate the economic activities with Indian history

CO3: illustrate the political developments in India since independence

CO4: describe the pattern of economic development since post-independence

COURSE CONTENT:

UNIT I: INDUS VALLEY CIVILIZATION TO EUROPEAN COLONIZATION

8 hrs.

Prehistoric period – Indus valley Civilization – Vedic Age – Mauryas – Guptas – Harsha – Rajputs – Early Kingdoms of South India – Delhi Sultanate and Mughal Rule – Advent of the Europeans – British rule in India

UNIT II: INDIAN ECONOMY IN POST-INDEPENDENCE ERA

7 hrs.

Land system and its changes, green revolution – commercialization of agriculture – Manufacture and Transport: industry – railway – trade – commodities and infrastructure

UNIT III: INDIAN POLITY SINCE INDEPENDENCE

7 hrs.

Congress Rule – Janata Government – Other Major National Parties – Regional Parties – Coalition Governments – UPA – NDA

UNIT IV: ECONOMIC TRANSITION IN INDIA

8 hrs.

Five Year Plans and their performances – NITI Aayog – Indicators of development: GDP, HDI, GDI – significances of social sector – Foreign Direct Investment – foreign exchange issues – role of international organisations in Economic development

TEXT BOOK(S):

Misra, S.K. and Puri, V.K. *Indian Economy*. 38th Edition. New Delhi: Himalaya Publication, 2020. Print.

Reddy, Krishna. *Indian History*. Delhi: Mc Graw Hill, 2015. Print.

REFERENCE BOOK(S):

Aiyah, Nilakanta Sastri Kallidaikurichi. *A History of South India from Prehistoric Times to the Fall of Vijayanagar*. [Madras]: Indian Branch, Oxford University. Press,2008. Print.

Basham, Arthur Llewellyn. *The Wonder That Was India: A Survey of the History and Culture of the Indian Sub-Continent before the Coming of the Muslims*. ACLS, 2012. Print.

Bhattacharjee, Arun. *History of Ancient India*. New Delhi: Sterling Publishers, 1982. Print.

Cahandra, Satish. *Medieval India: from Sultanat to the Mughals*. Har-Anand Publications, 2016. Print.

Dutt, Romesh C. *The Economic History of India under early British Rule*. Great Britain: Routledge publication, 2001. Print.

Kapila, Uma. *Indian Economy: Performance and Policies*. Haryana: Academic Foundation, 2019. Print.

NathSen, Sailendra. *An Advanced History of Modern India*. New Delhi: Macmillan Publication, 2010.

Roy, Tirthankar. *The Economic History of India, 1857-2010*. New York: Oxford University Press, 2020. Print.

Thapar, Romila. *History of India*. New Delhi: Penguin Books, 2003.

Venkatesan, G., *History of Contemporary India*, Madurai: J.J. Publications, 2001. Print.

Wolpert, Stanley. *A New History of India*. Oxford University Press, 1993. Print.

OPEN EDUCATIONAL RESOURCE(S):**VIDEO(S):**

Economic Impact of British Colonisation *You Tube*. Uploaded by NIOS Senior Secondary Courses 5 April 2019. <https://www.youtube.com/watch?v=BJwF9jZSP0c> CC BY license.

“Indus Valley Civilization”. *YouTube*, Uploaded by Khan Academy, 2 May 2017, <https://www.khanacademy.org/humanities/world-history/world-history-beginnings/ancient-india/v/indus-valley-civilization> CC BY license

ECHI4202EI ECONOMIC HISTORY OF INDIA	
CLASS	II UG – SEMESTER IV
Cognitive Level	K-2 Understand
	K-2 Understand
	K-2 Understand
	K-2 Understand

ECMA4202EI LINEAR PROGRAMMING AND NETWORK ANALYSIS

(THEORY)

COURSE OUTCOMES:

2 hrs./wk.

On successful completion of the course, the student will be able to

CO1: represent the available choices as a linear programming problem

CO2: solve economic problems using linear programming

CO3: construct network diagrams for given projects

CO4: apply PERT for project scheduling

COURSE CONTENT:

UNIT I: LINEAR PROGRAMMING

7 hrs.

Introduction – basic assumptions – general form of a LPP – mathematical formulation of a LPP – primal and dual – Economic interpretation of duality

UNIT II: APPLICATIONS OF LINEAR PROGRAMMING

8 hrs.

Resource allocation – Revenue maximization and cost minimization by graphical method – Game theory – Prisoner' dilemma – limitations

UNIT III: NETWORK

7 hrs.

Basic components of network – logical sequencing – rules of network construction

UNIT IV: CRITICAL PATH ANALYSIS

8 hrs.

Critical path analysis – probability consideration in PERT

TEXT BOOK(S):

Man Mohan, Kanti Swarup and P.K. Gupta. *Operations Research*. New Delhi: Sultan Chand and sons, 2006, Chapters: 25 (25.1-25.8).

Mehta B.C and Madnani G.M, *Mathematics for Economists*. New Delhi: Sultan Chand & Sons, 2007, Chapters: 18 (pp. 604 – 618).

REFERENCE BOOK(S):

Bradley, Teresa and Paul Patton. *Essential Mathematics for Economics and Business*. New Delhi: John Wiley & Sons Ltd, 2008.

Gupta, M.P. and J.K. Sharma. *Operations Research for Management*. New Delhi: National Publishing House, 1987.

Hiller Frederick S. and Gerald J. Lieberman. *Introduction to Operations Research*. New York: McGraw Hill Publishing Company, 2001.

Mustafi C.K. *Operations Research. Methods and Practice*, 3/e, New Delhi: New Age International (P) Limited, Publishers, 2011.

Shenoy G.V, U.K. Srivastava and S.C. Sharma. *Operations Research for Management*. New Delhi: Wiley Eastern Limited, 2018.

Weber E. Jean. *Mathematical Analysis: Business and Economic Applications*. 4th Edition. New York: Harper & Row, Publishers, 1982.

OPEN EDUCATIONAL RESOURCE(S):

VIDEO(S):

Mr Arul Suju D (August 12, 2016) Formulation of Linear Programming Problem [Video file]. Retrieved from <https://youtu.be/oaEmCiKMmd> CC BY license.

G. Srinivasan, (2010, January29). Critical Path Method [Video file]. CC BY license. Retrieved from <https://youtu.be/H58TPQNr2kM>.

ECMA4202EI LINEAR PROGRAMMING AND NETWORK ANALYSIS	
CLASS	II UG – SEMESTER IV
Cognitive Level	K-2 Understand
	K-3 Apply
	K-3 Apply
	K-3 Apply

BOEC4202EI NUTRITION ECONOMICS

(THEORY)

COURSE OUTCOMES:

2 hrs./wk.

On successful completion of the course, the student will be able to

- CO1: recall the essentials of nutrition and fitness
- CO2: apply her knowledge on health care and diet planning
- CO3: choose a healthy lifestyle
- CO4: examine the economic aspects of nutrition

COURSE CONTENT:

UNIT I: BASICS OF NUTRITION

7 hrs.

Nutrition – essential nutrients – food groups (Basic five – **Cereals, Grains and Products – Pulses and Legumes – Milk and Meat Products – Fruits and Vegetables – Fats and Sugars**) – nutritional guidelines – balanced diet – Nutrition for healthy living – changing body composition – calculation of BMI

UNIT II: HEALTH ISSUES AND RELATED DIET PLANNING

8 hrs.

Significance of nutrition in treatment – Diet planning for management of obesity – underweight – anaemia – peptic ulcer – typhoid – diabetics – cardiovascular disease – Irregular menstrual cycle – cancer – Stress – definition – analysis of stressors – stress responses – strategies for managing – counselling

UNIT III: ECONOMIC ASPECTS OF NUTRITION

7 hrs.

Food grains – organic foods – Navdanya movement – production process – traditional and modern process – fast food culture – dietary transition – food budget – regular vs. nutritional budget – economic cost

UNIT IV: GOVERNMENT PROGRAMMES AND SCHEMES IN INDIA

8 hrs.

Current Scenario on Nutrition – National Nutrition Policy – National Policy for Children – GM crops – issues – challenges – Nutrition Programme for Adolescent Girls – Public Distribution System – Integrated Child Development Services Scheme

REFERENCE BOOK(S):

- Datt, Gaurav and Ashwani Mahajan. *Indian Economy*. New Delhi: Chand and Company Limited, 2018.
- Guha, Ramachandra. *Environmentalism: A Global History*. New York: Addison Wesley Longman, 2000.

Hales, D. *An Invitation to Fitness and Wellness*. Belmont, CA: Wadsworth Publishers, 2001. Print.
 Leeds, M. J. *Nutrition for Healthy Living*. Boston: Mc Graw Hill Publishers, 1998. Print.
 Misra, S.K. and Puri, V.K. *Indian Economy*. 38th Edition. New Delhi: Himalaya Publication, 2020. Print.
 Williams, M. *Nutrition for Fitness and Sport*. 5th Edition, Madison: Brown & Benchmark, 1998. Print.

OPEN EDUCATIONAL RESOURCE(S):

VIDEO(S):

Saving Seeds at Home with Vandana Shiva <https://www.youtube.com/watch?v=Xar4vixyzUs>, Creative Commons Attribution license (reuse allowed), Sep 8, 2015.
 M-21. National Nutritional Policy of India, <https://www.youtube.com/watch?v=18frGCtmw50>, Oct 14, 2020.

BOEC4201EI NUTRITION ECONOMICS	
CLASS	II UG – SEMESTER IV
Cognitive Level	K-1 Remember
	K-3 Apply
	K-3 Apply
	K-4 Analyze

ECO5202CM INTRODUCTION TO RESEARCH METHODOLOGY

(THEORY)

COURSE OUTCOMES:

2 hrs./wk.

On successful completion of the course, the student will be able to

- CO1: develop an insight into the process of research
- CO2: choose suitable review from various repositories
- CO3: identify appropriate survey method for a research design
- CO4: deduce a suitable hypothesis to verify a research problem
- CO5: analyse the research data and write the report

COURSE CONTENT:

UNIT I: INTRODUCTION TO RESEARCH

6 hrs.

Meaning – objectives and motives – identification – selection and formulation of a research problem – novelty of research – delimiting the problem – types of research – research process

UNIT II: REVIEW OF LITERATURE

6 hrs.

Scope of review writing – steps in conducting literature review – E-journals and other repository

UNIT III: RESEARCH DESIGN

6hrs.

Meaning – components – Methods of research: historical method, case study method and survey method

UNIT IV: HYPOTHESIS

6 hrs.

Formulation and statement of hypothesis – purpose and conditions for a valid hypothesis – types – verification of hypothesis

UNIT V: INTERPRETATION AND REPORT WRITING

6 hrs.

Reporting data analysis – technique of interpretation – mechanics of writing a research report – review and reference using word processing software – ethics – socially responsible research – plagiarism – open access publishing

TEXT BOOK:

Kothari, C. *Research Methodology: Methods and Techniques*. Wiley Eastern Ltd, 2019.

REFERENCE BOOK(S):

Anderson, J and Poole, M. *Thesis and Assignment Writing*. Wiley Eastern Limited, 2011.

Ghosh, B.N. *Scientific Methods and Social Research*. Sterling Publishers Pvt. Ltd, 2015.

Saunders, M.N.K, Lewis, P. and Thornhill, A. *Research Methods for Business Students*. Pearson Education Pvt. Ltd, 2009.

Sharma, B, Ravindra Prasad, D and Satyanarayana P. *Research Methods in Social Sciences*. Sterling Publisher Pvt. Ltd, 1989.

WEBLINK(S):

VIDEO(S):

“Research methodology” *YouTube* uploaded by Arpita Karwa. 8 September 2018
https://youtu.be/w_Ujkt83i18 CC BY license

“Types of Sampling: Ridiculously Simple Explanation.” *YouTube*. Uploaded by Arpita Karwa. 21 January 2019, <https://www.youtube.com/watch?v=10OnonAleCk> CC BY license.

IMAGE(S):

Manos Hacker 2012 Online image. *Flickr*. Web. 18 September 2015. Retrieved from https://commons.wikimedia.org/wiki/File:1-slide_wikipedia_introduction.jpg CC BY 2.0 license.

e-book:

Dr. Shanti Bhushan Mishra, Dr Shashi Alok. *Handbook of Research Methodology* . OER Commons, https://www.researchgate.net/publication/319207471_HANDBOOK_OF_RESEARCH_METHODODOLOGY Accessed August 2017. CC BY license.

COs Cognitive level and mapping with PSOs

ECO5202CM INTRODUCTION TO RESEARCH METHODOLOGY				
Class: III B.A. ECONOMICS				Semester: V
CO / PSO	Cognitive level	PSO1	PSO2	PSO3
CO1	K-3 Apply	3	2	1
CO2	K-3 Apply	2	2	1
CO3	K-3 Apply	3	2	1
CO4	K- 4 Analyse	3	2	1
CO5	K- 4 Analyse	3	3	2

Strongly correlated (3), Moderately correlated (2), Weakly correlated (1)

ECO5505CM INTERNATIONAL ECONOMICS

(THEORY)

COURSE OUTCOMES:

6 hrs./wk.

On the successful completion of the course, the student will be able to

CO1: recall the concepts of international economics

CO2: discuss the international trade theories

CO3: interpret the process of determination of foreign exchange rate

CO4: analyze the mechanism of balance of payments

CO5: explain the role of international institutions in international trade

COURSE CONTENT:**UNIT I: INTRODUCTION TO INTERNATIONAL ECONOMICS****18 hrs.**

Meaning – nature and content of international economics – difference between internal and international trade – free trade and protection: tariff – types – quota – dumping – inter-industry and intra-industry trade – gains from international trade: static and dynamic gains from trade – Terms of Trade: meaning – types

UNIT II: THEORIES OF INTERNATIONAL TRADE**18 hrs.**

Absolute cost theory – comparative cost advantage theory – reciprocal demand theory – Heckscher-Ohlin theory

UNIT III: FOREIGN EXCHANGE MARKET**18 hrs.**

Meaning – functions – participants – Exchange rate: fixed and floating exchange rate – managed floating – spot and forward exchange rate – hedging – speculation – arbitrage – determination of foreign exchange rate – Mint Parity theory – Purchasing Power Parity theory – Balance of Payments theory

UNIT IV: BALANCE OF PAYMENTS**18 hrs.**

Balance of Trade and Balance of Payments – structure of Balance of Payments – disequilibrium – causes of disequilibrium – methods of correcting disequilibrium: devaluation, depreciation, export promotion, import substitution and exchange control – Marshall-learner condition – J-curve effect

UNIT V: INTERNATIONAL INSTITUTIONS**18 hrs.**

International Monetary Fund – International Bank for Reconstruction and Development – WTO – functions – objectives – structure – WTO and developing countries – Regional trade blocks: European Union – BRICS – SAARC

TEXT BOOK:

Cherunilam F. *International Economics*. 6th edition. Tata McGraw Hill Education (India), 2020.

REFERENCE BOOK(S):

Jhingan, M.L. *International Economics*. 7th edition. Vrinda Publications, 2020.

Mannur, H. *International Economics*. Vikas Publishing House Pvt. Ltd., 1998.

Mittani D. *International Economics*. 9th edition. Himalaya Publishers House, 2020.

Rana, K.C and Verma, K.N. *International Economics*. Vishal Publishing Company, 2017.

Salvatore, D. *International Economics*. 13th edition. Wiley, 2019.

Sodersten, Bo and Reed, G. *International Economics*. 3rd revised edition. Palgrave Macmillan, 1994.

Velaiyutham T. *Foreign Trade, Theory and Practice*. Wheeler Publishing House, 1998.

WEBLINK(S):**e-book:**

Steve Suranovic. *International Economics: Theory and Policy*. Saylor foundation, 2012. OER Commons, <https://open.umn.edu/opentextbooks/textbooks/276>. Accessed 27 July 2021. CC BY-4.0 license.

VIDEO:

“Example: Comparative advantage.” *You Tube*. Uploaded by Werner Lost. 30 December 2011, <https://youtu.be/rznDegemqGg>. CC BY license.

COs cognitive level and mapping with PSOs

ECO5505CM INTERNATIONAL ECONOMICS				
Class: III B.A. Economics		Semester: V		
CO/PSO	COGNITIVE LEVEL	PSO		
		1	2	3
CO1	K-1 Remember	1	1	1
CO2	K-2 Understand	2	1	1

CO3	K-3 Apply	3	3	1
CO4	K-4 Analyse	3	3	1
CO5	K-5 Evaluate	2	2	1

Strongly correlated (3) Moderately correlated (2) Weakly correlated (1)

ECO5506CM INDIAN ECONOMY-I

(THEORY)

COURSE OUTCOMES:

6 hrs./wk.

On successful completion of the course, the student will be able to

CO1: identify features of the economy

CO2: discuss the relevance of planning and its achievements in the Indian Economy

CO3: interpret the relevance of agriculture growth and problems of agriculture in the Indian Economy

CO4: analyze the growth of secondary and tertiary sectors of the economy

CO5: assess the role of trade as a tool for growth

COURSE CONTENT:

UNIT I: FEATURES OF THE INDIAN ECONOMY

18 hrs.

Features of the Indian Economy– India as mixed economy – India as a developing economy— salient characteristics of Indian economy – population –population density –size of population – demographic dividend – share of GDP from primary, secondary and tertiary sectors – sectoral transformation

UNIT II: PLANNED ECONOMIC GROWTH IN INDIA

18 hrs.

Historical Context Overview of Indian economic development in colonial period – industry – decline of handicrafts – agriculture – drain of resources by Britain – Indian economy at the time of Independence. – The arguments for planning in the Indian context – Five Year Plans – goals – growth – modernization – self-reliance – equity – role of state – NITI AYOJ.

UNIT III: AGRICULTURE

18 hrs.

Agricultural development – Land reforms – The Green Revolution – state policy for agricultural development – bank nationalization and targeted credit – performance of agricultural sector – Agricultural credit – sources of agricultural credit in India – problems of agricultural credit –Minimum Support Price – trends – food production and food security

UNIT IV: INDUSTRY AND SERVICE SECTOR

18 hrs.

Industrial development – role of public sector –India's industrial policies – state policy for industrial development for cottage and small-scale industrial units – performance of Industrial sector– role and performance of service sector in Indian economy

UNIT V: EXTERNAL SECTOR

18 hrs.

Trade Policy 1950-1991 – Import substitution as India's trade strategy – consequences of import substitution – India's trading partners –composition of trade- India's Balance of Payments –BOP crisis 1991 – management of BOP–challenges and outlook

TEXT BOOK:

Puri, V.K and Misra, S.K. *Indian Economy*. 38th Revised & Updated edition. Himalaya Publishing House, 2020.

REFERENCE BOOK(S):

Ahluwalia, I. J. and Little IMD. *India's Economic Reforms and Development*. Oxford University Press, 1998.

Byres, T.J. *The State, Development Planning and Liberalization in India*. Oxford University Press, 1997.

Byres, T.J. *The Indian Economy: Major Debates since Independence*. Oxford University Press, 1998.

Basu K. *Oxford Companion to Indian Economy*. 3rd Edition. Oxford University Press, 2012.

Kapila U. *Indian Economy since Independence*. 28th Edition. Academic Foundation, 2018.

Goyal A. *The Oxford Handbook of the Indian Economy in the 21st Century: Understanding the Inherent Dynamism*. Oxford University Press, 2014.

WEBLINK(S):

VIDEO(S):

"Lesson-2: Economic Planning in India." *You Tube*. Uploaded by NIOS Senior Secondary Courses. 30 July 2018, <https://www.youtube.com/watch?v=9xeP9vqxZL0> .CC BY license

"India's Foreign Trade 06." *You Tube*. Uploaded by Windows of Wisdom. 29 July 2019, CC BY license. <https://www.youtube.com/watch?v=rEOvfTGj3P4>.

COs cognitive level and mapping with PSOs

ECO5506CM INDIAN ECONOMY - I				
Class: III B.A. Economics			Semester: V	
CO/PSO	COGNITIVE LEVEL	PSO		
		1	2	3
CO1	K-1 Remember	2	2	1
CO2	K-2 Understand	2	3	1
CO3	K-3 Apply	3	3	1
CO4	K-4 Analyse	3	3	2
CO5	K-4 Analyse	3	3	2

Strongly correlated (3) Moderately correlated (2) Weakly correlated (1)

ECO5507CT ECONOMETRICS

(LAB CUM THEORY)

COURSE OUTCOMES:

4T + 2L hrs./wk.

On successful completion of the course, the student will be able to

CO1: acquire the knowledge of estimating economic regression model

CO2: interpret the parameters of econometric models

CO3: identify the functional forms of economic regression model

CO4: analyse the violation of OLS assumptions

CO5: estimate a dummy variable model related to economic problems

COURSE CONTENT:

UNIT I: INTRODUCTION TO ECONOMETRICS AND SIMPLE LINEAR REGRESSION MODEL

12T + 6L hrs.

Definition – goals of Econometrics – methodology of Econometrics – deterministic vs. stochastic relations –

Introduction to SLR model: inclusion of random variable – OLS assumptions – estimation of parameters by

OLS – properties of OLS estimators – The Gauss-Markov Theorem – R^2 – reporting of regression results

UNIT II: MULTIPLE LINEAR REGRESSION MODEL

12T + 6L hrs.

Model with two explanatory variables – assumptions – OLS estimators (without derivation) – test of

significance of the parameter estimates and hypothesis testing – confidence intervals – R^2 and adjusted R^2 –

Partial correlation coefficients – prediction – reporting of regression results

UNIT III: FUNCTIONAL FORMS OF REGRESSION

12T + 6L hrs.

Non-linear equations reducible to linear form – log linear model – Polynomial models – Engel's demand

function – consumption function – investment function – Cobb-Douglas production function – testing for non-

linearity – reporting of regression results

UNIT IV: VIOLATION OF ASSUMPTIONS OF OLS

12T + 6L hrs.

Autocorrelation – Heteroscedasticity – Multicollinearity – meaning – sources – consequences – detection and

solutions – Durbin-Watson test for Autocorrelation – Spearman Rank correlation test for Heteroscedasticity –

Variance Inflation Factor test for Multicollinearity

UNIT V: DUMMY VARIABLE REGRESSION MODEL**12T + 6L hrs.**

Meaning – ANOVA and ANCOVA models – Dummy variable trap – uses in measuring shift and change in the slope of a function over time – comparing means of subgroups – Seasonal analysis – Dummy dependent variable model: Logit – Probit – Tobit models – reporting of regression results

TEXT BOOK:

Damodar, N Gujarati, Dawn C. Porter and Manoranjan Pal. *Basic Econometrics*, 6th ed. Noida. Hill, 2020.

REFERENCE BOOK(S):

Kaur, N. Pragasam, A. and Shyamala, S. *A text book on econometrics*, 2nd ed. Vishal Publishing Co., 2013. Print.

Koutosoyiannis, A. *Theory of Econometrics*. 2nd ed. Palgrave Macmillan, 2001. Print.

Madhani, G.M.K. *Introduction to Econometrics-Principles and Applications*. 8th ed. Oxford and IBH Publishing Co Pvt. Ltd, 2015.

Wooldridge, J. *Introductory Econometrics: A Modern Approach*. 5th ed. South-Western College Publishing. 2012.

WEBLINK(S):**e-book:**

Christopher Dougherty, *Introduction to Econometrics*, OUP Oxford, 2005, Accessed 24 July, 2021, Creative Commons license, <https://www.pdfdrive.com/introduction-to-econometrics-e18945575.html>.

VIDEO(S):

“Introduction to Econometrics: Simple Linear Regression (Part A)” *Youtube*. Uploaded by Wilson Wan, 13 June, 2017, <https://youtu.be/UcOVLStGPMw>, Creative Commons Attribution license.

“Introduction to Econometrics: Multiple Regression (Part A)” *Youtube*. Uploaded by Wilson Wan, 14 June, 2017, <https://youtu.be/ayTs6Ri9UnM>, Creative Commons Attribution license.

COs cognitive level and mapping with PSOs

ECO5507CT ECONOMETRICS				
Class: III B.A. Economics		Semester: V		
CO/PSO	COGNITIVE LEVEL	PSO		
		1	2	3
CO1	K-1 Remember	3	3	3
CO2	K-2 Understand	3	3	3
CO3	K-3 Apply	3	3	3
CO4	K-4 Analyse	2	2	3
CO5	K-5 Evaluate	3	3	3

Strongly correlated (3) Moderately correlated (2) Weakly correlated (1)

ECO0602LM ECONOMICS IN COMMUNITY WELFARE

(THEORY)

COURSE OUTCOMES:

4 hrs./wk.

On successful completion of the course, the student will be able to

- CO1: outline the principles of community engagement and plan for strategies to address the prevailing issues ethically
- CO2: correlate the economic concepts with relevant issues
- CO3: identify the welfare schemes of the government
- CO4: analyse the economic needs of the community
- CO5: recommend the corrective measures to the problems faced by target group

COURSECONTENT:

SECTION I: COMMON UNIT

15 hrs.

Understanding Life Frontier Engagement
 Service – Learning and Life Frontier Engagement
 Principles – engagement, reflection, reciprocity, public dissemination
 Meaning of community and understanding of community dynamics
 Programme planning in Life Frontier Engagement stages: Need analysis, Problem identification, Goalsetting, Concept finalization, planning for stages of research, research and analysis, reflection and dissemination of results
 Ethical concerns in Life Frontier Engagement – Confidentiality, Conflict of interest, Informed consent

ACTIVITY:

- (i) Facilitate students to understand the concept of Service –Learning and Life Frontier Engagement based on the information in the reading material given using student centered learning activities.
- (ii) Interaction with a local community (Example: Children, adolescents, adults within or outside college) to identify community dynamics.
- (iii) Need based analysis to be done on the community by framing a questionnaire for base line socio-economic survey.
- (i) Students to prepare a programme plan based on the subthemes and target group identified by the department.
- (ii) Presentation by teams by refining the ideas of students based on program planning stages.
 Activity based on case studies relevant to ethical issues in community engagement.

SECTIONII: THEMATIC CONCEPTS**15 hrs.**

Human Development Issues:

Health

Education

Employment

Poverty

CLASSIFICATION OF CONCEPTS:

Health: Health and well-being – Malnutrition – Sanitation – Immunisation – Child health – Maternal Care – Geriatric care

Education: Primary, Secondary, Higher Education – Public and Private Education – Inclusive Education

Employment: Labour Force Participation – inclusive Growth – Minimum Wages – Discriminatory Wages

Poverty: Absolute and Relative Poverty – Income Inequality – Standard of Living – Poverty Line – BPL – Poverty Trap – Vicious Cycle of Poverty

CORRELATIONAL CONCEPTS:

Health and Sanitation

Education and Malnutrition

Education and employment

Family size and Income

Poverty and Education

Poverty and Health

Poverty and Epidemics

THEORETICAL CONCEPTS:

Public Integrated Model on Health Care Systems -The Private Provider Model

Theory of Human Capital

Classical and Keynesian Theories of Employment

Cultural and Structural Theory of poverty

ACTIVITY:

The following activities can be done through Role play, Poster Making, Mind Map, Interactive Session, Case study analysis, Group discussion, Panel discussion and Brain Storming.

Role of Public and private health providers

Impact of health policy in Tamil Nadu

Benefits and Challenges of education in a community

Occupational Structure in selected areas of Madurai

Determinants of poverty

SECTION: III COMMUNITY ENGAGEMENT PROCESS**90 hrs.**

Students identify the community needs based on their observation

Students building rapport with the community

Questionnaire preparation to gather information from the identified group

A pilot study to assist students in analysing community needs and issues

Survey conducted in the chosen community

The data will be analysed, and presented in the form of a report with supporting evidence

Based on the findings, effective corrective measures recommended to the community / authorities concerned

Students connect the community with relevant government departments and non-governmental organisations (NGOs)

REFERENCE BOOK(S):

James, W. Henderson. *Health Economics and Policy*. Cengage Learning, 2011.

Todaro, Michael. *Economics of Development*. 13th Edition. Longmen Group, 2020.

WEBLINK(S):

e-book(s):

Greenlaw, Steve. Waymaker Microeconomics. Lumen Learning courseware, 2018.

Lumen, shorturl.at/qvMP1. Accessed 23 August 2021. CC BY 4.0 license.

Introduction to Sociology. Lumen Learning courseware, 2018.

Lumen, <https://courses.lumenlearning.com/sociology/>. Accessed 23 August 2021. CC BY 4.0 license.

TEXT:

Bajpai, Vikas. The Challenges Confronting Public Hospitals in India, Their Origins, and Possible Solutions. Hindawi, 2014. Hindawi, <https://www.hindawi.com/journals/aph/2014/898502/>. Accessed 23 August 2021. CC BY 3.0 license.

Ghosh, Smritikana. Factors Responsible for Childhood Malnutrition: A Review of the Literature. Current Research in Nutrition and Food Science, 2020. Current Research in Nutrition and Food Science, shorturl.at/ceCL9. Accessed 23 August 2021. CC BY 4.0 license.

COs cognitive level and mapping with PSOs

ECO0602LM ECONOMICS IN COMMUNITY WELFARE				
Class: III B.A. Economics		Semester: V		
CO/PSO	COGNITIVE LEVEL	PSO		
		1	2	3
CO1	K-2 Understand	1	1	1
CO2	K-2 Understand	3	3	2
CO3	K-3 Apply	3	3	2
CO4	K-4 Analyse	3	3	3
CO5	K-5 Evaluate	3	3	3

Strongly correlated (3) Moderately correlated (2) Weakly correlated (1)

ECTA5402DM இக்கால இலக்கியங்களில் பொருளியல் சிந்தனைகள்

(ECONOMIC THOUGHTS IN MODERN LITERATURE)

(THEORY)

பாடத்தின் விளைபயன்கள்

4 மணி நேரம் / வாரம்

இப்பாடத்தை முழுமையாகக் கற்றபின் மாணவியர் பெறுவன,

CO1: கவிதைகளில் பதிவாகியுள்ள பொருளியல் சிந்தனைகளை இனங்காண்பர்

CO2: சமூகத்தில் காணப்படும் பொருளாதார ஏற்றத்தாழ்வுகளைச் சிறுகதைகள் வழி அடையாளம் காண்பர்

CO3: புதினம் முன்னிறுத்தும் கிராமப் பொருளாதாரத்தினைக் கண்டறிவர்

CO4: உரைநடைகளில் பதிவாகியுள்ள குடும்ப நிர்வாகம், பொதுவுடைமை கருத்துக்களை மதிப்பிடுவர்

CO5: பொது வருவாய் கருத்தினை நாடகத்தின் வழி திறனாய்வு செய்வர்

பாடத்திட்டம்:

அலகு 1: கவிதைகளில் பொருளியல் சிந்தனைகள்

12 மணிநேரம்

மரபுக்கவிதைகள்:

கல்வி: பாரதிதாசன் – கல்வியின் முக்கியத்துவம் – பள்ளிக்கல்வித்திட்டங்கள்

பட்டண வாழ்வு: முடியரசன் – இடப்பெயர்வும் நகரமயமாதலும் – காரணங்களும் விளைவுகளும்
தலைவிதியை நம்பி: பட்டுக் கோட்டை கல்யாண சுந்தரனார் – அயல்நாட்டு உதவி மற்றும் மானியம்
புதுக்கவிதைகள்:

கூடு: வைரமுத்து – வறுமை – காரணங்கள் – விளைவுகள் – வறுமை ஒழிப்புத் திட்டங்கள்
வெறுங்கை என்பது மூடத்தனம்: தாராபாரதி – முதலீடு, மூலதனம், வேலையின்மை மற்றும் வகைகள்
– சுய தொழில்கள்

அலகு 2: சிறுகதைகள்

12 மணிநேரம்

சேதாரம்: தனுஷ்கோடி ராமசாமி – குறு, சிறு மற்றும் நடுத்தர தொழில்கள் – நலிவடைவதற்கான
காரணங்கள் மற்றும் பொருளாதார சிக்கல்கள்
எண்வலிச்சாலை: அண்டனூர் சுரா – உள்கட்டமைப்பு வசதிகள் – போக்குவரத்து – வகைகள்
– பொருளாதார மேம்பாடு

அலகு 3: புதினம்

12 மணிநேரம்

ஊருக்குள் புரட்சி: சு.சமுத்திரம் – கிராமப் பொருளாதாரம் – இயல்புகள் – கிராம மேம்பாடு
– தேவை – பிரச்சினைகள் – மேம்பாடுத் திட்டங்கள் – விவசாய சந்தையிடுகை –
சிறப்பியல்புகள் – நிறைகள் – குறைகள்

அலகு 4: உரைநடை

12 மணிநேரம்

சோசியலிசம் – திருமணம் என்றால் என்ன?: பெரியார் ஈ.வெ.ராமசாமி – குடும்ப நிர்வாகம் –
வரவு செலவுத் திட்டம் – பெண் கல்வி
ஜீவாவின் சிந்தனைகள் – சோசியலிசம் பிறந்த கதை: ஜீவா – பொருளாதார அமைப்பு முறைகள்
– காரல் மார்க்ஸின் பொதுவுடைமை தொடர்புடைய பொருளாதாரக் கருத்துக்கள் – பயன்
மதிப்பு – மாற்று மதிப்பு – உபரி மதிப்பு – முதலாளி தொழிலாளி வர்க்க போராட்டம் –
தொழிற்சங்கம்

அலகு 5: நாடகங்கள்

12 மணிநேரம்

வியாபாராமாயணம்: மு. இராமசுவாமி – அங்காடி – இயல்புகள் – வகைகள் (இடம், காலம்,
பண்டம்) – தேவை – அளிப்பு – விலை – தேசிய வருவாயில் துறைவாரியாகப் பங்களிப்பு
– முதன்மை, இரண்டாம் மற்றும் சேவைத்துறைகள்
வெளிச்சம்: கே.ஏ.குணசேகரன் – பொதுவருவாய் – மூலங்கள் – வரிகளின் வகைகள் –
வரிவிதிப்பு அமைப்பு முறைகள் – வரி ஏய்ப்பு

பாடநூல்கள்:

இராதா வி. இந்தியப் பொருளாதாரம். பிரசன்னா பப்ளிஷர்ஸ், 2019.
சமுத்திரம் சு, ஊருக்குள் ஒரு புரட்சி. மணிவாசகர் பதிப்பகம், 1998.

பார்வை நூல்கள்:

சீனிவாசன் ந. பொருளாதாரச் சிந்தனை வரலாறு. மீனாட்சி பதிப்பகம், 2019.
குருசாமி மா. பா. இந்தியப் பொருளாதார வளர்ச்சி. குரு. – தேமொழி, தாயன்பகம், 2005.
அண்டனூர் சுரா. எண்வலிச்சாலை (வரலாற்றுப்புனைவுகள்). நியூசெஞ்சரிபுக் ஹவுஸ்(பி)
லிட், முதல் பதிப்பு, 2019.
இராமசாமி, மு. ரௌத்திரம் பழகு (நாடகங்கள்). பாவை பிரிண்டர்ஸ் (பி) லிட், நான்காம் பதிப்பு,
2016.
ராமசாமி. ஈ.வெ. நான் சொன்னால் உனக்கு ஏன் கோபம் வர வேண்டும்?
மொழி, கலை, பண்பாடு, இலக்கியம், தத்துவம் பற்றிய தொகுப்பு, தொகுதி 4, பாவை பிரிண்டர்ஸ் (பி)
லிட், 2018.
பொன்னீலன். (தொ. ஆ) ஜீவாவின் சிந்தனைகள் (ஜீவா எழுதிய கட்டுரை கடிதங்கள்), நியூ
செஞ்சரி புக் ஹவுஸ் (பி) லிட், 1982.
குணசேகரன், கே.ஏ. வெளிச்சம், நியூ செஞ்சரி புக் ஹவுஸ்(பி) லிட், 2007.
தேர்ந்தெடுக்கப்பட்டபாடல்கள், கவிதைகள், உரைநடைகள், சொற்பொழிவுகள்,

சிறுகதைகள் உள்ளிட்டவற்றின் தொகுப்பு.

அகத்தியலிங்கம், சு.பொ. பொதுவுடைமை வளர்த்த தமிழ். நியூ செஞ்சுரி புக ஹவுஸ் (பி) லிட்., 2010.

WEBLINK(S):

TEXT:

Sasi Kumar, V. Education System in India, GNU Operating System, 2021. GNU Operating System, shorturl.at/aijoq. Accessed 25 August 2021. CC BY 4.0 license.

Gol, Economic Survey 2019-20, 2020. PRS legislative Research, shorturl.at/gvP08. Accessed 25 August 2021. CC BY 4.0 license.

ECTA5402DM இக்கால இலக்கியங்களில் பொருளியல் சிந்தனைகள்	
CLASS	III UG – SEMESTER V
Cognitive Level	K-1 Remember
	K-1 Remember
	K-1 Remember
	K- 4 Analyse
	K- 5 Evaluate

**COEC5402DM ENTREPRENEURSHIP DEVELOPMENT
(THEORY)**

COURSE OUTCOMES:

4 hrs./wk.

On successful completion of the course, the student will be able to

- CO1: identify the key concepts in entrepreneurship
- CO2: compare the different models of entrepreneurship
- CO3: demonstrate the institutional support system for entrepreneurs
- CO4: develop a new business proposal
- CO5: apply the core skills to manage the enterprise

COURSE CONTENT:

UNIT I : ENTREPRENEUR AND ENTREPRENEURSHIP

12 hrs.

Introduction – concepts – types – essential traits of a successful entrepreneur – evolution of entrepreneurship in India (case studies) – phases of entrepreneurship – role of entrepreneurship in economic development – Schumpeter's Innovation Theory

UNIT II: TYPES OF ENTREPRENEURSHIP

12 hrs.

Family – non-family entrepreneur – women entrepreneurs: role of professionals, professionalism vs. family entrepreneurs, growth and development of women entrepreneurs in India (case studies) – rural entrepreneurship – agro-based rural marketing – emerging corporate entrepreneurship and corporate venturing, organizational transformation, conditions favourable, benefits and issues related to corporate entrepreneurship – international entrepreneurship: nature, importance and opportunities of international business – international versus domestic' entrepreneurship

UNIT III: INSTITUTIONAL SUPPORT SYSTEM

12 hrs.

Institutional support for new ventures: supporting organizations, incentives and facilities, financial institutions and small-scale industries – MSME – Government policies for SSIs – role of NGOs in

entrepreneurship development – online ventures and opportunities – industrial estates – training programmes – SISI – NAYE – DIC

UNIT IV: LAUNCHING THE ENTERPRISE

12 hrs.

Scanning the environment – Sources of business ideas – planning for business – project – preparation of project report – legal formalities in starting a new venture – location and site – Generating funds – personal finance – institutional finance – micro finance – financial preparations – government assistance – monetary and non-monetary incentive – intellectual property rights – patent – trademarks – copyrights – trade secrets – licensing – franchising – incubators and startups

UNIT V: ENTERPRISE MANAGEMENT AND SKILL SET

12 hrs.

Profit planning – stability and growth strategy – working capital management – Human Resources Management – marketing strategies suitable to different enterprises – advertising and promotions – time management – leadership skills – problem solving skills – interpersonal relationship and team work – crisis areas for small business – success and failure factors – industrial sickness – solution

TEXT BOOK:

Khanka S. *Entrepreneurial Development*. S. Chand & Co, 2020.

REFERENCE BOOK(S):

Badi, R., and Badi, N. *Entrepreneurship*. Vrinda Publications (P) Ltd, 2014.

Banga, T. *Project Planning and Entrepreneurship Development*. S. Chand & Co, 2000.

Dailey, C. *Entrepreneurial Management*. S. Chand & Co, 2000.

Desai, Vasant. *Small-Scale Industries and Entrepreneurship*. Himalaya Publishing House, 2011.

Gordon E. and Natarajan K. *Entrepreneurship Development*. Himalaya Publishing House, 2011.

Robert T. Kiyosaki. *Rich Dad, Poor Dad*. Perseus Books Group, Plata Publication, 2011.

WEBLINK(S):

“Introduction to Entrepreneurship” *YouTube*, Uploaded by TT The Tutor. 24 September 2020, https://youtu.be/A8se_7kPEHY. CC BY Licence

“Intellectual property rights.” *YouTube*. Uploaded by The Audiopedia. 1 March 2018, <https://youtu.be/SSNWuoOVgQk>. CC BY license

COEC5402DM ENTREPRENEURSHIP DEVELOPMENT	
CLASS	III UG – SEMESTER V
Cognitive Level	K-2 Understand
	K-2 Understand
	K-3 Apply
	K-3 Apply
	K-3 Apply

ECSS5402DM ECONOMIC SOCIOLOGY

(THEORY)

COURSE OUTCOMES:

4 hrs./wk.

On successful completion of the course, the student will be able to

CO1: examine social phenomena from a sociological and economic perspective

CO2: relate the basic principles of economics and sociology to various social institutions

CO3: analyze socio-economic conditions in the work sphere

CO4: illustrate the factors of the political system and the struggle for power

CO5: determine dimensions of health in relation to the various social relationships

COURSE CONTENT:

UNIT I: FAMILY

12 hrs.

Introduction to sociological perspectives: Macro: functional – conflict perspective – Micro: symbolic interactionist perspective – functions – dysfunctions – gender – conflict and power – changing trends of family – household – domestic functions – intra-household distribution of resources – determines – gender – nutrition – education – property

UNIT II: EDUCATION

12 hrs.

Functions – inequality in education – self-fulfilling prophecy – quality in education – Education as public good, private good, social good and merit good – cost of education – Right to Education – budgetary allocation – changing trends in education system in India

UNIT III: WORK

12 hrs.

Mechanical and organic solidarity, economic cycles – Work and labour: definition – measurement – work as a status symbol – Post-industrial society – Work participation rate: job quality – dimensions of quality of work – wages – wage differentials – gender – education – skill – productivity – efficiency – social structure of Indian Society

UNIT IV: POLITICS

12 hrs.

Pluralism – power elite – Indian political system: drafting and implementation of policies – conflict between economic and political context – role of the state and social life – capitalism – socialism – globalization – political will and development – governance and corruption index

UNIT V: HEALTH

12 hrs.

Cultural beliefs of health and illness – dimensions of health – professionalization of medicine – commercialization of medicine – market failure and rationale for public intervention – equity and inequality – demand and supply factors of health – public and private sector – integrated health care systems – COVID'19 – emergence of new pandemic and measures undertaken

Experiential learning:

- Examples from real life situation assessed through a rubrics

REFERENCES BOOK(S):

Aspers, Patrick. and Dodd, Nigel. *Reimagining Economic Sociology*. Oxford University Press, Oxford, 2016.

Chattopadhyay B.C. *Rural Development Planning in India*. S. Chand & Co.,1985.

Giddens, Anthony. *Introduction to Sociology*. W.W. Norton and Company, 1991.

Macionis, John J. *Sociology*. Tenth Edition. Pearson Prentice Hall, 2006.

Mark, Granovetter and Swedberg Richard. *The Sociology of Economic Life 3rd Edition*. Routledge, USA 2018.

Misra, Rajiv. *India Health Report*. Oxford University Press, 2016.

Parikh, K.S. and Sudarshan, R. *Human Development and Structural Adjustments*. MacMillan, 1993.

Portes, Alejandro. *Economic Sociology: A systematic Inquiry*. Princeton University Press. Oxford shire, 2010.

Rajshree, Vora. *Challenges in Health Management*. Akhand Publishing, 2010.

Ray, Debraj. *Development Economics*. Oxford University Press, 2009.

Sen, Amartya. *Development as Freedom*. Oxford University Press, 2000.

Smelser, Neil J. and Swedberg, Richard. *Handbook of Economic Sociology*. Princeton University Press, 2005.

Thirlwall A.P. *Growth and Development with Special Reference to Developing Economies*. Palgrave Macmillan, 2003.

WEBLINK(S):

“Sociology of the life” *YouTube*. Uploaded by Debar Marshal. 18 July 2017, [Sociology of the Family - YouTube](#) CC BY license.

e-book:

Neil J. Smelser, Richard Swedberg. *The Hand Book of Economic Sociology* 2015. OER Commons, https://edisciplinas.usp.br/pluginfile.php/1000207/mod_resource/content/1/%5BNeil J. Smelser, Richard Swedberg%5D The Handbook Economic%20sociology.pdf. 2nd edition CC BY 4.0 license.

ECSS5402DM ECONOMIC SOCIOLOGY	
CLASS	III UG – SEMESTER V
Cognitive Level	K–1 Remember
	K–2 Understand
	K– 4 Analyse
	K– 4 Analyse
	K– 5 Evaluate

ECO0402CD RURAL DEVELOPMENT

(THEORY)

COURSE OUTCOMES:

On successful completion of the course, the student will be able to

CO1: recall the characteristics of a rural economy

CO2: relate labour and rural poverty issues

CO3: identify rural marketing and financial sources

CO4: analyse rural development programmes

CO5: review rural marketing and industrialization

COURSE CONTENT:

UNIT I: RURAL ECONOMY

Nature – scope and factors determining rural economy– characteristics of rural economy – social aspects of India’s rural areas – barter system – non-monetized sector – economic characteristics – land and asset distribution – agricultural income – vagaries of monsoon

UNIT II: RURAL EMPLOYMENT

Rural unemployment – types and magnitude–agricultural labour – marginal productivity – agricultural wage –Minimum Wages Act –rural employment programmes – MGNREGA – rural poverty – nature, causes and consequences –poverty alleviation programmes

UNIT III: AGRICULTURAL MARKETING

Agricultural marketing – minimum support price linked to production cost – agriculture marketing development – eNAM system (online Agriculture Market Place) crop insurance – rural finance – causes and magnitude of rural indebtedness – sources of rural credit – unorganized–money lenders, indigenous bankers, organized –co-operatives, commercial banks, regional rural banks – NABARD

UNIT IV: RURAL DEVELOPMENT PROGRAMMES

Rural development programmes – Pradhan Mantri Sadak Yojana – Pradhan Mantri Awaas Yojana – National Rural Health Mission–National Rural LivelihoodMission

UNIT V: RURAL INDUSTRIALIZATION

Rural industrialization – agro-based industries – cottage industries – rural artisans – cooperative societies – rural marketing – cooperative marketing – role of self-help groups – PURA model–recent government programmes for rural development

TEXT BOOK:

Desai, Vasanth. *Rural Development*. Mumbai: Himalaya Publishing House, 2020.

REFERENCE BOOK(S):

Agarwal, A.N. and Kundan Lal. *Rural Economy of India*. NewDelhi: Vikas Publication House, 1990.
 Choudry, C.M. *Rural Economics*. Jaipur: Sublime Publication, 2012.
 Dhingra, I.C. *The Indian Economy*. NewDelhi: Sultan Chand, 2010.
 Jain, L.C. *Grass without Roots: Rural Development Under Government Auspices*. New Delhi: New D Sage Publications, 1985.
 Patel, K. V. Shan A.C. and Mello L.D. *Rural Economics*. Mumbai: Himalaya Publishing House, 1984.
 Prasad B.K. *Rural Development: Concept, Approach and Rural Strategy*.Mumbai: Himalaya Publishing House,2003.

OPEN EDUCATIONAL RESOURCE(S):

Rao V K R V. *Industrialization and Integrated Rural Development*. NDLI, 1978. OER. <http://203.200.22.249:8080/jspui/bitstream/123456789/7870/1/Industrialization and Integrated Rural Development.pdf>. Accessed 14 October 2020.
 Ramesh, N.G. *Rural Development and Economic Development*. IJDR, 2018. OER. <https://www.journalijdr.com/sites/default/files/issue-pdf/13491.pdf>. Accessed on 15 October 2020.

ECO0402CDRURAL DEVELOPMENT	
CLASS	II UG – SEMESTER III
Cognitive Level	K-1 Remember
	K-1 Remember
	K-3Apply
	K-4 Analyze

	K-4 Analyze
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ECO0403CD BIBLICAL PERSPECTIVES TO MONEY MANAGEMENT

(THEORY)

COURSE OUTCOMES:

On successful completion of the course, the student will be able to

- CO1: compare the principles of Economics and Biblical perspectives in the control of finances
- CO2: build a spirit of stewardship in resource management
- CO3: apply Biblical perspectives in debt management
- CO4: identify God's purpose in giving, working, investing and organising one's estate
- CO5: appraise the need to train children in God's way

COURSE CONTENT:

UNIT I:

- a. Introduction: Financial Challenges – Materialism – Importance given to Money and Possessions in the Bible – Contentment
- b. Understanding God's part: Ownership, Control and Provision
- c. Preparing a Personal Financial Statement: Assets, Liabilities, Net Worth, Monthly Budget

UNIT II:

- a. Our Part: Stewardship – Parable of the Talents
- b. Preparing Financial Goals: Giving Goals, Debt Repayment Goals, Educational Goals, Lifestyle Goals, Saving and Investment Goals, Goals for the year – Prioritising – Identifying God's Part and Our Part for Each Goal

UNIT III:

- a. Debt: Biblical Perspectives vs. Modern Economy – the Debt Trap – Seeking Counsel
- b. Honesty: Bribes – Restitution
- c. Preparing a Debt List, Debt Repayment Schedule, Listing Variable Expenses, Estimated Budget – Percentage Guide and Percentage Budget to Determine Spending Under Various Categories

UNIT IV:

- a. Giving: Tithes – Giving to Others – God's Directions for Giving – Giving Attitude
- b. Working: God's Involvement in Our Work – for whom do you really work? – Working Hard – Rest from Work – Overwork – Working Women – Work Partnerships – Retirement
- c. Investing: Savings – Parable of The RICH Fool – Investment Principles – Material Inheritance Gambling
- d. Organising One's Estate: Will, Income Benefits, Family Information, Funeral Instructions

UNIT V:

- a. Training Children to Manage Money and to be Good Stewards: Preparation of an Organising Schedule
- b. Crisis and Perspective: Lack of Financial Prosperity, Prosperity of The Wicked, Paying Taxes, Partiality to The Wealthy, Choosing an Appropriate Lifestyle
- c. Eternity: Identity on Earth and in Heaven – Impact on Investment on Time and Spending of Money – Short-Term and Long-Term Perspectives – Final Judgment

TEXT BOOK:

Dayton, Howard. *Your Money Counts*. Indian Revised Edition. Madurai: Compass Ministries, 2011.

WORK BOOK:

Compass India: Navigating Your Finances God's Way. Indian Revised Edition. Madurai: Compass Ministries, 2011.

REFERENCES BOOK(S):

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Samuelson, Paul A. William D Nordhaus. *Economics*. New Delhi: McGrawHill, 2010.

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"Principles of Good Stewardship." *YouTube*. Uploaded by BibleTalk.tv. 17 September 2015, <https://youtu.be/-bMZuuJVNxU>. CC BY license.

"God and Our Money." *YouTube*. Uploaded by In Touch Ministries. 27 April 2019, <https://youtu.be/HC-zhWlIC5w>. CC BY license.

"What is the Bible say about giving." *YouTube*. Uploaded by John Walker Ministries. <https://youtu.be/Jpgk9q8L3LM>. CC BY license.

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ECO0403CD BIBLICAL PERSPECTIVES TO MONEY MANAGEMENT	
CLASS	II UG – SEMESTER III
Cognitive Level	K-2 Understand
	K-3 Apply
	K-3 Apply
	K-4 Analyze
	K-5 Evaluate

**ECO0404CD ADVERTISING AND SALES PROMOTION
(THEORY)**

COURSE OUTCOME:

On successful completion of the course, the student will be able to

CO1: recognize the process of exchange of goods and services

CO2: describe the functions of marketing

CO3: identify the principles used in advertising

CO4: discuss the methods of sales promotion

CO5: relate personal selling with marketing

COURSE CONTENT:**UNIT I: INTRODUCTION**

The exchange process – needs and wants – economic utility

UNIT II: MARKETING

Marketing myopia – the people in marketing – evolution of marketing – the production era – sales era – management era – marketing era – social era – basic marketing functions – buying, selling, pricing, distribution and promotion – social marketing

UNIT III: ADVERTISING

Objectives – types – advertising campaign – advertising and salesmanship – planning for advertising – advertisement copy – appeals in advertisement copy – kinds of advertisement copy – selection of media – advertising mix – advertisement budget – co-ordination of advertising with other marketing functions – corporate advertising – benefits of advertising and ethics of advertisement

UNIT IV: SALES PROMOTION

Importance of sales promotion – forms of sales promotion – consumer oriented – trade oriented and sales-oriented sales promotion – public relations and sales promotion

UNIT V: PERSONAL SELLING

Meaning – need for salesmanship – varieties of sales jobs selling and salesmanship – qualities of a salesman

TEXT BOOK:

Chunawalla, S A. *Advertising Sales and Promotion Management*. New Delhi: Himalaya Publishing House, 2015.

REFERENCE BOOK(S):

Agarwal, R. C. *Salesmanship and Advertising*. Agra: Lakshmi Narain Agarwal, 2004.

Bhagat, Pankhuri. *Advertising and Sales Promotion*. Ultra Pradesh: SBPD Publishing House, 2015.

Harikumar, M. N. and Mishra P. N. *Advertising and Sales Promotion*. New Delhi: Himalaya Publishing House, 2015.

Kotler, Philip and Keven Lane Keller. *Marketing Management*. New Delhi: Pearson Education India, 2015.

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"Marketing Myopia" is licensed under March 6, 2017 CC BY 4.0 <https://www.youtube.com/watch?v=6o1dlhbpvhg&t=90s>

"Advertising" is licensed under CC BY 4.0 <https://www.youtube.com/watch?v=61MS3PNrxRE>

"Marketing Mix – An Introduction" is licensed under CC BY 4.0 <https://www.youtube.com/watch?v=tD9b5dcgAw8&t=9s>

ECO0404CD ADVERTISING AND SALES PROMOTION	
CLASS	II UG – SEMESTER III
Cognitive Level	K-1 Remember
	K-2 Understand
	K-2 Understand
	K-2 Understand
	K-3 Apply

ECO0406CD DEMOGRAPHY (THEORY)

COURSE OUTCOMES:

On successful completion of the course, the student will be able to

- CO1: recall the background and significance of demography
- CO2: discuss the basic concepts of fertility, mortality, migration and life expectancy
- CO3: describe the composition of population
- CO4: relate the theories of population to real time situations
- CO5: identify the population problems in India and the world

COURSE CONTENT:

UNIT I: INTRODUCTION

Definition – nature and scope – historical background – significance of population studies

UNIT II: CONCEPTS

Fertility: Fertility and fecundity – factors affecting fertility – birth rate – crude and standard birth rates – vital statistics

Death Rate: Mortality and morbidity – crude and standard death rates – infant mortality – maternal mortality – age specific death rates – factors affecting mortality rate

Migration: Kinds of migration – factors affecting migration – effects of migration

Life Expectancy: Meaning – life table – life expectancy in developed and developing countries

UNIT III: COMPOSITION OF POPULATION

Age and sex composition – population pyramids – dependency load – urban and rural composition – sectoral composition

UNIT IV: THEORIES OF POPULATION

Malthusian theory – Dalton's Optimum theory – demographic transition

UNIT V: POPULATION SCENARIO IN INDIA

World population trends – population explosion – population of India – causes – population policy – family planning and family welfare programmes – achievements and fallouts – HDI, UNDP and CPI

TEXT BOOK:

Bhende, Asha and Tara Kanitkar. *Principles of Population Studies*. Mumbai: Himalaya Publishing House, 2000.

REFERENCE BOOK(S):

Chaubey, P.K. *Population Policy for India*. New Delhi: Kanishka Publishers, 2001.

Prasad, B. K. *Population and Family Life Education*. Anmol Publications Pvt. Ltd., 2004.

Raj, Hans. *Fundamentals of Demography*, New Delhi: Surjit Publications, 1988.

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Module 23 P09. *Basic Measures of Fertility*.

ePathasala. <https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=453> Accessed 10 October 2020.

VIDEO:

“Overview of Demographics” *YouTube*. Uploaded by Sydney

Brown. <https://www.khanacademy.org/test-prep/mcat/society-and-culture/demographics/v/overview-of-demographics> Creative Commons Attribution/Non-Commercial/Share-Alike.

ECO0406CD DEMOGRAPHY	
CLASS	II UG – SEMESTER III
Cognitive Level	K-1 Remember
	K-2 Understand
	K-2 Understand
	K-3Apply
	K-3Apply

ECO0407CD ECONOMICS OF INSURANCE

(THEORY)

COURSE OUTCOMES:

On successful completion of the course, the student will be able to

CO1: recall the concepts and principles of insurance

CO2: classify the types of insurance for risk management

CO3: choose the appropriate insurance for their life

CO4: differentiate between agricultural, industrial and health insurance

CO5: analyse the insurance legislations in India

COURSE CONTENT:

UNIT I: NATURE AND IMPORTANCE OF INSURANCE

Definition – evolution – primary and secondary functions – characteristics – importance to individuals – business and society – economic principles of insurance

UNIT II: RISK MANAGEMENT AND INSURANCE CONTRACT

Risk management – definition – types – management of risk – contract of insurance classification of insurance – double insurance – reinsurance – insurance and gambling

UNIT III: LIFE, FIRE AND MARINE INSURANCE

Life insurance – meaning – nature of contract – benefits – assignment and nomination – surrender value – fire insurance – types and documents – claim and settlement – marine insurance – types – clauses – claim and settlement

UNIT IV: AGRICULTURAL, INDUSTRIAL AND HEALTH INSURANCE

Types of agricultural insurance – industrial life insurance – meaning – health insurance for industrial workers – students – self-employed – small business

UNIT V: INSURANCE BUSINESS IN INDIA

Major insurance legislation – Insurance Regulatory and Development Authority (IRDA) – constitution – objectives – duties and power of IRDA – role of LIC and GIC of India – popular private companies in India

TEXT BOOK:

Periasamy, P. *Principles and Practice of Insurance*. New Delhi: Himalaya Publishing house, 2009.

REFERENCE BOOK(S):

Holyoake, Julia and William Weipers. *Insurance*. New Delhi: AITBS Publications, 2002.

Mishra, M.N. *Modern Concepts of Insurance*. New Delhi: S. Chand & Co. Ltd. 2009.

Premavathy, N., *Principles and Practices of Insurance*. Chennai: Sri Vishnu Publications, 2006.

Singh, Inderjit, Rakesh Katyal And Sanjay Arora, *Insurance Principles And Practices*. Kalyani Publishers 2nd Edition, 2005.

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Module 18 P-10. *Economics of Health Insurance*. ePathasala.

<https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=438> Accessed 11th October 2020.

Module 30 P-19. *Insurance companies*. ePathasala.

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ECO0407CD ECONOMICS OF INSURANCE	
CLASS	II UG – SEMESTER III
Cognitive Level	K-1 Remember
	K-2 Understand
	K-3 Apply
	K-4 Analyze
	K-4 Analyze

ECO0409CD CIVIC ECONOMICS

(THEORY)

COURSE OUTCOMES:

On successful completion of the course, the student will be able to

CO1: express the fundamental rights and duties of citizens

CO2: describe the administrative system in India

CO3: develop a perspective on the functioning of democracy

CO4: exhibit social responsibility

CO5: analyze the emerging trends in the economy in the context of globalization

COURSE CONTENT:

UNIT I: FUNDAMENTAL RIGHTS AND DUTIES

New institutional economics – law and economics – fundamental rights – right to equality – freedom – right against exploitation – freedom of religion – cultural and educational rights – right to constitutional remedies – directive principles of state policy – fundamental duties – human rights perspective – right to information – right to education

UNIT II: ADMINISTRATIVE SYSTEM IN INDIA

Existing administrative system in India – administrative structure of the government of India – administrative structure of the state governments – district administration – local self governments (urban) – local self governments (rural) the Panchayats – state vs. local bodies

UNIT III: DEMOCRACY AND ECONOMIC RESPONSIBILITY IN INDIA

Directive principles of comparative democratic practices in world – contemporary democracies in the world (America and Australia) – democracy in India – nature and functioning – parliamentary system its achievements and problems – socio-economic dimensions of democracy

UNIT IV: GOVERNANCE AND SOCIAL ACCOUNTABILITY

Meaning of governance – role of governance – need for governance – changing character of public administration – corporate governance in India – social audit with case study – business ethics – Corporate Social Responsibility

UNIT V: INDIA AND THE WORLD

Contemporary dimensions – liberalisation and globalisation – Major concepts: geo-politics – national interest – national power and ideology – conflicts – Evolving inter-state system: nation – state and non-state actors – Non-alignment: crisis of relevance – Conflict resolution: institutions (World Trade Organisation, Free Trade Agreement)

TEXT BOOK:

Vora, R. and Suhas Palsikar. *Indian Democracy: Meanings and Practices*. Delhi: Sage, 2004.

REFERENCES BOOK(S):

Bardhan, Pranab. *The Political Economy of Development in India*. New Delhi: Oxford UP, 1999.

Basu, D. Durga. *Introduction to the Constitution of India*. Haryana: Lexis Nexis, 2019.

Chatterjee, Partha. *Possible India*. New Delhi: Oxford UP, 1998.

Frankel, Francine. *Transforming India, Social and Political Dynamics of Democracy*. New Delhi: Oxford UP, 2002.

Jalan, Bimal. *India's Economy in the Millennium Selected Essays*. Delhi: UBS Publisher, 2002.

-*The Future of India: Politics, Economics and Governance*. New Delhi: Penguin India, 2006.

Jose, D. Kjosavik and Nadarajah Shanmugaratnam. *Political Economy of Development in India: Indigeneity in Transition in the State of Kerala (Routledge Contemporary South Asia Series)*. United Kingdom: Routledge, 2015.

Kaviraj, Sudipta. *Politics in India*. New Delhi: Oxford UP, 2007.

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“What is Local government.” *You Tube*. Uploaded by Civics Academy SA. 25 January 2018, <https://www.youtube.com/watch?v=ocuJXY-CNRg>. CC BY license.

“What is CSR?” *You Tube*. Uploaded by <http://nptel.ac.in>. 8 July 2017 <https://nptel.ac.in/courses/110/105/110105081/>. CC BY license.

“Concept of Globalisation.” *You Tube*. Uploaded by Doubtnut. 18 January 2020, https://www.youtube.com/watch?v=RCQ3bON_Zr4. CC BY license.

ECO0409CD CIVIC ECONOMICS	
CLASS	II UG –SEMESTER III
Cognitive Level	K-2 Understand
	K-2 Understand
	K-3 Apply
	K-3 Apply
	K-4 Analyse

ECO0410CD HOUSEHOLD ECONOMICS (THEORY)

COURSE OUTCOMES:

On successful completion of the course, the student will be able to

CO1: recall the role of households

CO2: identify the determinants of household consumption

CO3: recognise the importance of household production in an economy

CO4: relate household income with total family income and disposable household income

CO5: construct a budget for the household

COURSE CONTENT:

UNIT I: HOUSEHOLD

Household – meaning – difference between a household and a family – role of households in an economy – role of households in the circular flow

UNIT II: HOUSEHOLD INCOME

Household income – family income and disposable household income – sources of household income – income from employment – property income – income from household production of services for own consumption – transfer incomes – exclusions – lottery prizes – non-life insurance claims – lump-sum retirement benefits – life insurance claims – injury compensations

UNIT III: HOUSEHOLD EXPENDITURE

Meaning – types – fixed expenditure – irregular expenditure – discretionary expenditure – current vs. capital expenditure components of household consumption expenditure – determinants – effective spending – solutions to over spending – Engel's law of family expenditure – Keynes Psychological Law of Consumption

UNIT IV: HOUSEHOLD PRODUCTION

Household production – process – importance – household chores – unpaid domestic services – childcare and elderly care – household production theory – deficiencies in the National Statistics of work and production

UNIT V: HOUSEHOLD BUDGET

Meaning – need for budgeting – types of budget – budget preparation – importance of budget – budget deficits – household food expenditure share and its calculation – intra-household resource allocation – determinants – size and composition of household – actual and perceived contribution to household – control over income

REFERENCE BOOK(S):

Parker, J. Frances. *Home Economics*. New York: Macmillan Publishing Co., 1983.

REFERENCE WEBSITE(S):

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<https://index.nutrition.tufts.edu/data4diets/indicator/household-food-expenditure-share>

https://fbe.unimelb.edu.au/__data/assets/pdf_file/0009/805995/759.pdf

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<https://www.business-standard.com/about/what-is-household-income>

<https://debitoor.com/dictionary/household-income>

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<https://www.thebalance.com/consumer-spending-definition-and-determinants-3305917>

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“Household Budget: Our Top Expenses.” YouTube. Uploaded by Wendy Valencia 21 October 2018, <https://www.youtube.com/watch?v=Xii9dI97F5s><<https://youtu.be/Xii9dI97F5s>> CC BY license.

“Where do households get an income from?” YouTube. Uploaded by lostmy1.18 July 2018, <https://www.youtube.com/watch?v=w0-itraXeI4><<https://youtu.be/w0-itraXeI4>> CC BY license.

“Finance income and expenditure” YouTube. Uploaded by Info 2Enable. 2 October 2014, <https://www.youtube.com/watch?v=rUT-AtKB7ps><https://youtu.be/rUT-AtKB7ps> CC BY license.

“The Circular Flow Model of a Market Economy - Jason Welker” YouTube. Uploaded by FLT Warwick. 6 May 2016, <https://www.youtube.com/watch?v=2By2Dvw-yzs><<https://youtu.be/2By2Dvw-yzs>> CC BY license.

ECO0410CD HOUSEHOLD ECONOMICS	
CLASS	II UG – SEMESTER III
Cognitive Level	K-1 Remember
	K-2 Understand
	K-2 Understand
	K-3 Apply
	K-3 Apply