

DEPARTMENT OF ECONOMICS

SYLLABUS FOR FOUR YEAR UNDERGRADUATE PROGRAMME

FIRST AND SECOND SEMESTER

(APPROVED BY ACADEMIC COUNCIL VIDE RESOLUTION NO. 3, DATED: 04 – 07 – 23)



ARYA VIDYAPEETH COLLEGE (AUTONOMOUS)

ARYA NAGAR, GUWAHATI – 16

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Structure of Four Year Undergraduate Course

Semester	Type	Core	Minor	SEC	IDC	AEC	VAC/FC	IN
	Credit	4	4	3	3	2	4(2 + 2)	2
I		CE-1114	MN-1114	SE-1113	ID-1113	AE-1112	VL-1112 (Two Courses)	-
II		CE-2114	MN-2114	SE-2113	ID-2113	AE-2112	VL-2112 (Two Courses)	-
III		CE-3214	MN-3214	SE-3213	ID-3213	AE-3212	-	-
		CE-3224						
IV		CE-4214	MN-4214	-	-	AE-4212	-	IN-4212
		CE-4224						
		CE-4234						
V		CE-5314	MN-5214	-	-	-	-	-
		CE-5324						
		CE-5334						
		CE-5344						
VI		CE-6314	MN-6214	-	-	-	-	-
		CE-6324						
		CE-6334						
		CE-6344						
VII		CE-7414	MN-7314	-	-	-	-	-
		CE-7424						
		CE-7434						
		CE-7444						
VIII		CE-8414	MN-8314	-	-	-	-	-
		CE-8424**						
		CE-8434**						
		CE-8444**						

****Students who secure more than 7.5 CGPA at the end of third year (6th semester) may opt for a research dissertation of 12 credits instead of the three core papers.**

Course code: First two letters is the abbreviation of course component

First digit implies semester number

Second digit implies course level

Third digit implies course number

Fourth digit implies credit points per course.

Digit	Course Level
1	100 - 199
2	200 - 299
3	300 - 399
4	400 - 499

Semester Wise Credit Distribution

Semester	CREDIT DISTRIBUTION							
	CORE	MINOR	SEC	AEC	IDC	VAC/FC	IN	TOTAL
FIRST	1 x 4	1 x 4	1 x 3	1 x 2	1 x 3	2 x 2	--	20
SECOND	1 x 4	1 x 4	1 x 3	1 x 2	1 x 3	2 x 2	--	20
THIRD	2 x 4	1 x 4	1 x 3	1 x 2	1 x 3	--	--	20
FOURTH	3 x 4	1 x 4	--	1 x 2	--	--	1 x 2	20
FIFTH	4 x 4	1 x 4	--	--	--	--	--	20
SIXTH	4 x 4	1 x 4	--	--	--	--	--	20
SEVENTH	4 x 4	1 x 4	--	--	--	--	--	20
EIGHT	4 x 4	1 x 4	--	--	--	--	--	20

SEC: SKILL ENHANCEMENT COURSE

AEC: ABILITY ENHANCEMENT COURSE

IDC: INTERDISCIPLINARY COURSE

VAC/FC: VALUE ADDED COURSE

IN: INTERNSHIP

Abbreviation of Course Components:

CE (Core), MN (Minor), SE(Skill Enhancement Course), AE (Ability Enhancement Course), VL (Value added Course), ID (Interdisciplinary Course), IN (Internship)

LIST OF PAPERS:

CORE:

1. Principles of Microeconomics(EC – CE – 1114)
2. Principles of Macroeconomics(EC – CE – 2114)

MINOR:

1. Principles of Microeconomics(EC – MN – 1114)
2. Principles of Macroeconomics(EC – MN – 2114)

SKILL ENHANCEMENT COURSE:

1. Computational Economics (EC – SE – 1113)
2. Data Analysis (EC – SE – 2113)

MULTIDISCIPLINARY/INTERDISCIPLINARY COURSE:

1. Introduction to Gender Studies (EC – ID – 1113)
2. Contemporary Issues in Gender Studies (EC – ID – 2113)

FIRST SEMESTER

PAPER NAME: Principles of Microeconomics
PAPER CODE: EC – CE – 1114
Total Credits: 4 (Theory: 3 + Practical/Tutorial: 1)

THEORY: 3 CREDITS

Total Lectures: 45

COURSE OBJECTIVE:

The main objective of this paper is to impart basic knowledge of how individual actors make choices in response to changes in incentives, prices, resources and/or methods of production and also to gather knowledge about the relations between consumption and production.

COURSE OUTCOME:

The course introduces the students to the first course in Economics from the perspective of individual decision making as consumers and producers. The students learn some basic principles of Microeconomics, interactions of demand and supply, consumer's behaviour, production and cost and their relations. The course is designed to make students familiar with basics of Microeconomics which will help them to understand the future courses of higher level.

Unit- I: Introduction: (Lectures:10)

Problem of scarcity and choice: scarcity, choice and opportunity cost; production possibility frontier; Demand and supply: law of demand, determinants of demand, shift in demand versus movements along a demand curve, market demand; law of supply, determinants of supply, shift in supply versus movements along a supply curve, market supply, market equilibrium.

Unit- II: Applications of demand and supply: (Lectures: 10)

Price rationing, price floors, consumer surplus, producer surplus. Elasticity: price elasticity of demand, calculating elasticity, determinants of price elasticity, other elasticities.

Unit- III: Consumer Theory: (Lectures: 10)

Concept of utility, Marshallian Utility Analysis, Diamond-water paradox, Indifference Curves, derivation of demand curve from indifference curve and budget constraint; Consumer's Equilibrium, Price, income and substitution effects

Unit- IV: Production and Costs of Production: (Lectures: 15)

Behaviour of profit maximizing firms, production process, production functions, law of variable proportions, choice of technology, iso-quant and iso-cost lines, Producer's Equilibrium. Costs: costs in the short run, costs in the long run, revenue and profit maximization, minimizing losses, short run industry supply curve, economies and diseconomies of scale, long run adjustments.

RECOMMENDED BOOKS:

1. Case, Karl E. & Ray C. Fair, Principles of Economics, Pearson Education, Inc., 8th edition.
2. H. L. Ahuja, Modern Microeconomics, S. Chanda and Sons.
3. A. Koutsoyanis, Modern Microeconomics, McMillan.
4. Sampat Mukherjee, Analytical Economics, NBCA.
5. Maddalla Miller, Microeconomics: Theory and Applications, MC Graw Hill

PAPER NAME: Principles of Microeconomics
PAPER CODE: EC – MN – 1114
Total Credits: 4 (Theory: 3 + Practical/Tutorial: 1)

THEORY: 3 CREDITS

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Price rationing, price floors, consumer surplus, producer surplus. Elasticity: price elasticity of demand, calculating elasticity, determinants of price elasticity, other elasticities.

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3. A. Koutsoyanis, Modern Microeconomics, McMillan.
4. Sampat Mukherjee, Analytical Economics, NBCA.
5. Maddalla Miller, Microeconomics: Theory and Applications, MC Graw Hill

PAPER NAME: Computational Economics

PAPER CODE: EC – SE – 1113

Total Credits: 3 (Theory: 2 + Project/Practical/Tutorial: 1)

THEORY: 2 Credits

TOTAL LECTURES: 30

COURSE OBJECTIVE:

The main objective of the paper is to familiarize students with introductory knowledge of basic mathematics and statistics to help them to understand practical applicability of Economic Theories.

COURSE OUTCOME:

The course will enable students to gather basic knowledge about Mathematics as well as Statistics which will enhance their understanding of Economics Theories, the concept of equilibrium both from Micro and Macro point of view. The course will further help the students to decide whether they are able to pursue the honours course of Economics.

Unit I:Set-concept-types: (Lectures: 4)

Operation of sets, properties of sets; Venn Diagram.

Unit II:Functions-Relations-Equation: (Lectures: 8)

Function; types; graphical representation; domain, co-domain and range. Linear and quadratic equations; simultaneous equations, ratio, proportion and variation; Limit and Continuity (Concepts only)

Unit III:Statistics: (Lectures: 4)

Meaning; scope and subject matter of Statistics; Relevance of Statistics in Economics.

Unit IV:Data:(Lectures: 4)

Meaning, types, sources and data collection methods.

Unit V: Organisation and presentation of Data:(Lectures: 10)

Methods of classification, statistical series.Presentation of Data; textual, tabular, diagrammatic and graphical.

RECOMMENDED BOOKS:

1. Mehta and Madnani, Mathematics for Economics, S. Chand and Sons, New Delhi.
2. Srinath Baruah, Basic Mathematics and It's Application in Economics, Trinity, New Delhi.
3. S. C. Gupta, Fundamentals of Statistics, Himalaya Publishing House, Mumbai.
Dann G: The Tourist as a Metaphor of the Social World

PAPER NAME: Introduction to Gender Studies

PAPER CODE: EC – ID – 1113

Total Credits: 3 (Theory)

THEORY

Total Lectures: 45

COURSE OBJECTIVE:

The main objective of this paper is to familiarize the students with the concepts of Gender, Sex – their differences and how historical cultural , political and social events shape the role of Gender in different societies.

COURSE OUTCOME:

This paper will examine gender as a category of social analysis and gender bias in contemporary society. It assesses various patriarchal ideologies, practices, normative structures which will enable students to understand how the State, media and market reproduce these hierarchies.

Unit-I: Conceptualizing Gender:(Lectures: 10)

Constructing Sex and Gender – Patriarchy, Sexual Division of Labour, Construction of Sexuality - Masculinity and Femininity.

Unit-II:Areas of Gender Discrimination :(Lectures: 13)

Family, Sex Ratio, Literacy , Health , Governance, Religion, Work vs Employment, Market , Media, Politics, Law, Domestic Violence, Sexual Harassment ; State Policies and Planning .

Unit-III:Gender and Family in India: (Lectures: 10)

Family as a gendered institution, Family as a site of violence, Women as honour and shame of caste, religion, clan.

Unit-IV:Women’s Studies vs Gender Studies : (Lectures: 12)

UGC’s Guidelines – Gender Studies, Beijing Conference and CEDAW – Exclusiveness and Inclusiveness.

RECOMMENDED BOOKS:

1. Bhasin Kamala (2000): Understanding gender, kali for women , N. Delhi.
2. Davis Kathy, Evans Mary, Lorber, J (edt) (2006): Handbook of Gender and Women’s studies, Sage, UK.
3. Geetha V.: Gender, Stree, Calcutta, 2002.

SECOND SEMESTER

PAPER NAME: Principles of Macroeconomics

PAPER CODE: EC – CE – 2114

Total Credits: 4 (Theory: 3 + Practical/Tutorial: 1)

THEORY: 3 Credits

TOTAL LECTURES: 45

COURSE OBJECTIVE:

The objective of studying Macroeconomics is to gather knowledge about the Economy as a whole, to understand the National Economic variables and their role in Economic development and growth.

COURSE OUTCOME:

The course will provide the basic concepts of Aggregate Economic phenomenon of National Economy. It discusses the preliminary concepts associated with the determination and measurement of Macroeconomic variables like National Income, Consumption, Investment, Employment, Money and Interest rate determination. The ideas will help the student to analyse the National Economy, interlinkages among various Macroeconomic variables and their working in policy framework.

Unit- I: Introduction to Macroeconomics (LECTURES: 5)

Definition, scope and subject matter of macroeconomics.

Unit-II: National Income & Related aggregates (LECTURES: 10)

National Income Accounting; Concepts of national Income; methods and problems of calculating national income; nominal and real income; Green GDP; Circular flow of income(In closed Economy)

Unit-III: Theories of Employment (LECTURES: 10)

Classical theory; Say's Law of market; price-wage flexibility; Savings-Investment equality; Keynesian criticism. Principle of effective Demand

Unit-IV: Consumption Function(LECTURES: 10)

Concept; attributes of consumption; Psychological law of consumption; Factors affecting consumption. Investment Function: types of investment; factors affecting investment; multiplier theory; leakages of multiplier.

Unit-V: Money in modern Economy (LECTURES: 10)

Definition, types and functions of money in a modern economy; monetary aggregates; demand for money; quantity theory of money- Cash transaction and Cash balance approach.

RECOMMENDED BOOKS:

1. N. Gregory Mankew, Principles of Macroeconomics, Cengage Learning India Pvt. Limited.
2. Sikdar, Shoumyen, Principles of Macroeconomics, 2nd Edition, Oxford University Press, India.
3. Rana and Verma, Macroeconomic Analysis, Latest edition, Vishal Publishing Company, Jalandhar.
4. R.D. Gupta, Keynes and Post Keynesian Economics, S. Chand and Sons.
5. Arol D Suza, Macroeconomics, Pearson Education.

PAPER NAME: Principles of Macroeconomics

PAPER CODE: EC – MN – 2114

Total Credits: 4 (Theory: 3 + Practical/Tutorial: 1)

THEORY: 3 Credits

TOTAL LECTURES: 45

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3. Rana and Verma, Macroeconomic Analysis, Latest edition, Vishal Publishing Company, Jalandhar.
4. R.D. Gupta, Keynes and Post Keynesian Economics, S. Chand and Sons.
5. Arol D Suza, Macroeconomics, Pearson Education.

PAPER NAME: Data Analysis

PAPER CODE: EC – SE – 2113

Total Credits: 3 (Theory: 2 + Project/Practical/Tutorial: 1)

THEORY: 2 Credits

Total Lectures: 30

COURSE OBJECTIVE:

The objective of the course is to enhance the skill of students in understanding data, their reliability with the Economic Theories and to know about the statistical tools for estimating the various parameters and to analyze various Economic phenomenon.

COURSE OUTCOME:

The course is designed to help the students to become familiar with data collection methods, descriptive statistics (measures of central tendency, dispersion and to find their values in MS-EXCEL). The course also helps students to analyze the values they obtain from the data and summarise the descriptive statistics.

Unit I: Sampling Theory and design of sample survey(LECTURES: 6)

Population and sample, Distribution of Sampling, parameter and statistic, census vs. sample enumeration, principal steps in a sample survey, errors in statistics; types of sampling.

Unit II:Descriptive Statistics (LECTURES: 14)

Measures of central tendency, mean- arithmetic, geometric and harmonic, median, mode, ideal measure, measures of dispersion, range quartile deviation, mean deviation, standard deviation- properties, variance and related concepts.

Unit III:MS-EXCEL (LECTURES: 10)

Data analysis in MS EXCEL.

RECOMMENDED BOOKS:

1. S. C. Gupta, Fundamentals of Statistics, S. Chand and Sons, Himalaya Publishing House, Mumbai.
2. M.R. Spiegel, Theory and Problems of Probability and Statistics, Schaum Series.
3. A. K. Chattopadhyay and T. Chattopadhyay, Computer Applications of Mathematics and Statistics, Asian Books Private Limited.

4. Nagar and Das, Basic Statistics, Oxford University Press.

PAPER NAME: Contemporary Issues in Gender Studies

PAPER CODE: EC – ID – 2113

Total Credits: 3 (THEORY)

Total Lectures: 45

COURSE OBJECTIVE:

The course's goal is to encourage critical thinking about women's subjugation, oppression in every sphere of life and they relate to contemporary women's issues.

COURSE OUTCOME:

The course desires to make boys and girls aware of each others strengths and Weakness. The paper will develop sensitivity towards both genders in order to lead an ethically enriched life. The knowledge of Gender Studies will also promote attitudinal change towards a gender balanced ambience and women empowerment .

Unit- I: Women's movement in India (LECTURES: 15)

Women and National Movements, Campaigns by women's movement around 1960s and 70s Anti – Price, Anti – Dowry, Anti - Caste, gender and class intersections , Patriarchal state and rights of women..

Unit-II: Women Development and Gender Empowerment (LECTURES: 10)

Initiatives – International Women's Decade , International Women's Year, National Policy for Empowerment of Women , Women Empowerment Year 2001, Mainstreaming Global Policies .

Unit-III: Structures of gender Inequality (LECTURES: 10)

Patterns of Gender inequality in terms of caste, class and religion patterns of violence against women (with special reference to Assam) Female feticide, Female Infanticide, child marriage. Dowry, Widowhood, Female commercial sex workers, Domestic violence, problems of Elderly and single women

Unit-IV: Women's Safeguarding Mechanism(LECTURES: 10)

In India National /State Commission for Women(NCW) , All Women Police Station , Family Court, Domestic Violence Act, Prevention of Sexual Harassment at Work Place Supreme Court Guidelines , Maternity Benefit Act, PNDT Act , Hindu Succession Act 2005, Eve Teasing Prevention Act , Self Help Groups – 73rd and 74th Amendment.

RECOMMENDED BOOKS:

1. Bhasin Kamala (2000): Understanding gender, kali for women , N. Delhi.
2. Davis Kathy, Evans Mary, Lorber, J (edt) (2006): Handbook of Gender and Women's studies, Sage, UK.
3. Geetha V.: Gender, Stree, Calcutta, 2002. ChodhuriMaitreyee (2004): Feminism in India, Women Unlimited, New Delhi.
4. Chakravarty Uma (2003), Gendering caste through a feminist Lense, Stree, Calcutta.
5. Ahuja, Ram (1993/2002) Indian Social System, Rawat, Jaipur