VIRUDHUNAGAR HINDU NADARS' SENTHIKUMARA NADAR COLLEGE
(An Autonomous Institution Affiliated to Madurai Kamaraj University)
Virudhunagar – 626 001.

Course Name: **Bachelor of Arts**
Discipline: **Economics**
(**For those who joined in June 2024 and after**)

Programme Outcomes (Pos) for Undergraduates

Undergraduate programmes are expected to have developed in undergraduates the following graduate attributes:

1. **Cognitive Ability:** Capacity to register, remember and recall ideas and add knowledge in the relevant discipline.
2. **Reflective Skills:** Ability to apply knowledge and solve problems in similar but unknown disciplinary contexts.
3. **Communicative Competence:** Ability to communicate in one's mother tongue and in English discipline-specific complex ideas and life experiences.
4. **Aptitude for Higher Studies:** To be proactive in demonstrating general aptitude to evaluate the circumstances and come up with an interest to progress further in career by opting for post studies or through entrepreneurial initiatives at offing in the multidisciplinary and transdisciplinary contexts.
5. **Employability Capacity:** Ability to serve the nation as school teachers, responsible staff and officers in various private and public sectors to find suitable meaning for the education they have pursued here.
6. **Action Research Aptitude:** Skills to undertake action research as independent projects on the themes and issues concerning life and work moving ahead with techno-savvy and eco-friendly approaches.
7. **Quest for Lifelong Learning:** Skills to learn lifelong independent of academia transcending the space and time barriers.
8. **Study Abroad:** Ability to pursue higher studies in a global context of multilingual, multicultural, multiethnic and multiracial communities without compromising the values and ethos cherished and nurtured in love with the motherland.
9. **Citizenry Attributes:** Be responsible citizens with democratic bent of mind, probity in public life, moral uprightness, and commitment for social uplift of the marginalised, the poor, the destitute, and the needy.
10. **Civic Responsibility:** Capacity to respect human values, to exhibit religious tolerance, and to practise politics of difference and dissent.

The under-graduate degree programme in Economics provides students the space, time, opportunity and freedom to generate new ideas thereby inculcating the flair for initiative and creativity. Economics is the interface between the physical and social science. It integrates various disciplines to give bird's eye view on various dimensions of theory and life. Students will be able to appreciate the inter-relationship among various disciplines and strive to reduce the gap between academics, home and society. The under-graduate degree programme in Economics

includes core theory courses, a series of quantitative courses and skill based courses. The course is designed in such a way that the quest for knowledge becomes a way of life and a life-long process.

Programme Specific Outcomes (PSOs) for BA Economics

On completion of the programme, undergraduates will be able to:

1. Identify core economic principles to understand the issues on economy, society and politics
2. Develop the ability to explain the key economic terms, concepts and theories.
3. Present view points and alternative hypothesis on economic issues.
4. Express the ideas of economic theory quantitatively through statistical and econometric tools.
5. Compare and contrast the ideas and concepts across the disciplines.
6. Create inquisitiveness to gain more understanding of economic principles by pursuing higher studies and lay foundation for research aptitude.
7. Analyse the regional, national and global issues from economic perspective.
8. Prepare for competitive examination with confidence to pursue the goals of their choice.
9. Develop a sense of love, respect and patriotism towards the fellowmen and to the nation.
10. Build a sense of civic responsibility and also a law abiding citizen.

I B.A. Economics

Semester	Part	Subject Name	Hours	Credit	Int + Ext =Total	Local	Regional	National	Global	Professional Ethics	Gender	Human Values	Environment & Sustainability	Employability	Entrepreneurship	Skill Development	Subject Code	Revised / New / No Change / Interchanged & Percentage of Revision
I	Part I	**Tamil**	6	3	25+75=100												**U24PT11**	**New**
	Part II	English	6	3	25+75=100												U23PE11	No Change
	Core 1	Micro Economics I	6	4	25+75=100			✔	✔								**U24ECC11**	**Revised (5%)**
	Core 2	Statistics for Economics –I	6	5	25+75=100			✔	✔					✔		✔	**U24ECC12**	**Units are Interchanged**
	Allied 1	Agricultural Economics	6	4	25+75=100			✔	✔								**U24ECA11**	**New**
		Total	**30**	**19**														
II	Part I	**Tamil**	6	3	25+75=100												**U24PT21**	**New**
	Part II	English	6	3	25+75=100											✔	U23PE21	No Change
	Core 3	Micro Economics –II	6	4	25+75=100			✔	✔								U23ECC21	No Change
	Core 4	Statistics for Economics –II	6	5	25+75=100			✔	✔							✔	U23ECC22	No Change
	Allied 2	Money and Banking	6	4	25+75=100			✔	✔						✔		U23ECA21	No Change
		Total	**30**	**19**														

VIRUDHUNAGAR HINDU NADARS' SENTHIKUMARA NADAR COLLEGE
(An Autonomous Institution Affiliated to Madurai Kamaraj University)
Virudhunagar – 626 001.
TENTATIVE SYLLABUS STRUCTURE

II BA ECONOMICS

Semester	Part	Subject Name	Hours	Credit	Int + Ext =Total	Local	Regional	National	Global	Professional Ethics	Gender	Human Values	Environment & Sustainability	Employability	Entrepreneurship	Skill Development	Subject Code	Revised / New / No Change / Interchanged & Percentage of Revision
III	Part I	Tamil	6	3	25+75=100												U22PT31	
	Part II	English	6	3	25+75=100												U22PE31	
	Core 5	Macro Economics I	5	4	25+75=100			✔	✔								U22ECC31	
	Core 6	Mathematical Methods	6	5	25+75=100			✔	✔							✔	U22ECC32	
	Allied 3	Introduction To Windows Applications	5	4	25+75=100			✔	✔					✔	✔	✔	U22ECA31	
	SBE-1	Entrepreneurial Development	2	2	25+75=100		✔	✔	✔					✔	✔	✔	U3ECS3/ U22ECS31	
	SL	Value Education	-	3														
		Total	30	24														
IV	Part I	Tamil	6	3	25+75=100												U22PT41	
	Part II	English	6	3	25+75=100												U22PE41	
	Core 7	Macro Economics II	4	4	25+75=100			✔	✔								U22ECC41	
	Core 8	Mathematical Economics	5	5	25+75=100			✔	✔							✔	U22ECC42	
	Allied 4	History of Economic Thought	5	4	25+75=100			✔	✔								U22ECA41	
	SBE-2	Travel and Tourism	2	2	25+75=100			✔	✔					✔	✔		U3ECS41/ U22ECS41	
	SBE-3	Elements of Advertising	2	2	25+75=100			✔	✔					✔	✔	✔	U3ECS42/ U22ECS42	
	SL	Environmental Studies	-	2														
		Total	30	25														

VIRUDHUNAGAR HINDU NADARS' SENTHIKUMARA NADAR COLLEGE
(An Autonomous Institution Affiliated to Madurai Kamaraj University)
Virudhunagar – 626 001.

III BA ECONOMICS

Semester	Part	Subject Name	Hours	Credit	Int + Ext =Total	Local	Regional	National	Global	Professional Ethics	Gender	Human Values	Environment & Sustainability	Employability	Entrepreneurship	Skill Development	Subject Code	Revised / New / No Change / Interchanged & Percentage of Revision
V	Core 9	Planning and Growth	5	5	25+75=100			✔	✔							✔	U3ECC51	
	Core 10	International Economics	5	5	25+75=100			✔	✔						✔		U3ECC52	
	Core 11	Fiscal Economics	5	4	25+75=100			✔	✔								U3ECC53	
	Core 12	Indian Economy	5	4	25+75=100			✔	✔								U3ECC54	
	Elective 1	Research Methodology	6	5	25+75=100			✔	✔						✔	✔	U2ECE51	
	SBE- 4	Employability Skills	2	2	25+75=100												U1PS51	
	NME-1	Introduction to Public Finance	2	2	25+75=100			✔	✔						✔		U2ECN51	
		Total	30	27														
VI	Core 13	Development Economics	6	5	25+75=100			✔	✔								U3ECC61	
	Core 14	Demography	6	5	25+75=100			✔	✔	✔							U3ECC62	
	Elective 2	Labour Economics	6	5	25+75=100			✔	✔								U2ECE61	
	Elective 3	Project	6	5	25+75=100			✔						✔	✔	✔	U1EC6PR	
	SBE-5	Soft Skills for Career Development	2	2	25+75=100			✔	✔					✔	✔	✔	U3ECS61	
	SBE-6	Business Correspondence	2	2	25+75=100			✔	✔					✔	✔	✔	U3ECS62	
	NME-2	Dimensions of Indian Economy	2	2	25+75=100			✔	✔								U3ECN61	
		Total	30	26														

SELF LEARNING COURSE

Subject	Credit	Ext =Tot	Subject Code	Revised / New / No Change / Interchanged & Percentage of Revision
Economic Development of India	5	100 = 100	U1ECSL51	No Change

I SEMESTER

MICRO ECONOMICS I
Core Paper 6 Hours per week

Course Title: Microeconomics I	Total Hours: 90 Hrs
Course Code: U24ECC11	Total Credits: 4

Course Outcomes:
Upon successful completion of this course, students will be able to:

Cos	Outcomes
CO 1	Understand the fundamentals of the subject economics and also microeconomics
CO 2	Get an introduction to supply and demand and the basic forces that determine equilibrium in a market economy
CO 3	Get introduced to the framework for learning about consumer behavior and analyzing consumer decisions
CO 4	will be able to obtain and interpret the concept of elasticity
CO 5	will able to analyze producer equilibrium

Unit I: Introduction to Economics: -   **(18 hours)**
        Definition of Economics: Wealth, Welfare, Scarcity and Growth –Scope of Economics - Methods of Economic Analysis: Micro and Macro analysis, Deductive and Inductive Analysis. Basic concepts (Meaning only): Free goods and Economic goods – Economic and non-economic activities – Wants – Utility – Price – Value – Wealth – Income – Market.

Unit II: Demand and Supply Analysis   **(18 hours)**
        Meaning of Demand – Types of Demand - Determinants of Demand - Demand Schedule - Demand Curve – Law of Demand - Reasons for the downward slope of the Demand Curve – Exceptions to Law of Demand – Contraction and Extension of Demand – Shifting of Demand Curve. Supply: Meaning – Law of Supply- Contraction and Extension of Supply – Shifting of supply- Factors determining supply.

Unit III: Elasticity of Demand and Supply   (18 hours)

Elasticity of Demand: Meaning – Types: Price, Income and Cross Elasticity of Demand – Degrees of price elasticity of demand– Factors Determining Elasticity of Demand -Measurement of Price Elasticity of Demand: Percentage, Total Outlay, Point and Arc Methods – Elasticity of Supply: Factors Determining Elasticity of Supply - Measurement of elasticity of supply: Pont method- Ratio method.

Unit IV: Consumer Behavior   (18 hours)

Cardinal Utility: Meaning – Assumptions- Law of Diminishing Marginal Utility – Law of Equi-Marginal Utility – Consumer Surplus. Ordinal Utility: Meaning –Assumptions- Indifference Curve: Meaning –Indifference curve Maps – Properties - Marginal Rate of Substitution: Meaning – Budget Line - Consumer Equilibrium with the help of Indifference Curve Analysis.

Unit V: Production Analysis   (18 hours)

Production: Meaning - Factors of Production and their characteristics – Production function: Short run and Long run -Law of Variable Proportions – Law of Returns to Scale.

Text Book:
1. Principles of Micro Economics, N Gregory Mankiw, https://www.cenage.com/economics/mankiw

Reference Books:
1. Ahuja H.L. Principles of Micro Economics, S.Chand and Company, New Delhi, 2015.
2. John Kennedy. M. Micro Economics, Himalaya Publishing House, Mumbai- 2016.
3. Seth M. L., Principles of Economics, LaksmiNarayinAgarwal , Agra, 2013
4. Dewett, K.K, Modern Economic Theory, S.Chand and Company Ltd., New Delhi,2014.

STATISTICS FORECONOMICS I
Core Paper 6 Hours per Week

Course Title: Statistics for Economics I	Total Hours: 90 hours
Course Code: U24ECC12	Total Credits: 5

Course Outcomes:
Upon successful completion of this course, students will be able to:

Cos	Outcomes
CO 1	Define the meaning and importance of statistics in economic research.
CO 2	Describe the measures of Central tendency and measures of dispersion.
CO 3	Analyze the correlation and Karl Pearson co-efficient correlation between two variables
CO 4	Analyze regression methods and lines between X on Y and Yon X
CO 5	Analyze time series data and various tests for research in economics.

Unit 1: Introduction and Collection of Data (18 hours)

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

Unit 2: Classification and Presentation of Data (18 hours)

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

Unit 3: Measures of Central Tendency (18 hours)

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

Unit 4: Measures of Dispersion

Absolute and Relative Measures of Dispersion – Range – Quartile Deviation –Mean Deviation – Standard Deviation – Variance - Coefficient of Variation.

Unit 5: Measures of Skewness and Kurtosis (18 hours)

Skewness : Meaning – Types – Measurement : karl Person's coefficient of skewness – Bowley's coefficient of correlation. Kurtosis : Definition – Graphic Presentation – Measurement : Degree of Kurtosis – Percentile measure of kurtosis.

References:

1. GuptaS.P(2016), Statistics Methods, (SChand&Co, New Delhi).
2. ElhanceD.N. (2004), FundamentalsofStatistics(KitabMahal, New Delhi).
3. GuptaS.C. (2016), FundamentalsofStatistics(Himalaya, New Delhi).
4. R.S.N .Pillai&Bhavathi (2016), Statistics, (SChand&Co, New Delhi).

AGRICULTURAL ECONOMICS

Allied Paper 6 hours per week

Course Title: AGRICULTURAL ECONOMICS	Total Hours: 90
Course Code: U24ECA11	Total Credits: 4

Course Outcomes:

Upon successful completion of this course, students will be able to:

Cos	Outcomes
CO 1	Understand agriculture as the foundation of economic growth and development
CO 2	Analyse the progress and changing nature of agricultural sector and its contribution to the economy as a whole.
CO 3	Analyze various measures taken in our country to promote the agricultural sector
CO 4	Identify the available marketing and financial assistance to the farmers in India.
CO 5	understand the recent happenings in agricultural acts.

Unit I: Introduction   (18 hours)

Agricultural Economics: Meaning and Definition–Characteristics of Indian agriculture– Role of Agriculture in Economic Development of India – Interdependence between agriculture and industry-Declining importance of agriculture in India.

Unit II: Agricultural Farming and Productivity   (18 hours)

Agricultural Farming: Types of farming: Large vs small scale farming –Collective farming– Co-operative farming. Agricultural productivity: Meaning – Causes and measures to improve agriculture in India. Green Revolution: Meaning – Components – Achievements and failures.

Unit III: Land Reforms and Land Holdings   (18 hours)

Land Reform: Meaning– Zamindari, Mahalwari, Ryotwari systems– Measures taken to abolish of intermediaries: Tenancy Reforms –Ceiling on land holdings–Failures of land reforms in India-Bhoodan Movement- Sub-division and fragmentation of land

Unit IV: Agricultural Marketing and Finance   (18 hours)

Agricultural Marketing: Meaning–Defects–Measures for improvement–Regulated market– Food Corporation of India. Agricultural Finance: Meaning–Need–NABARD, Primary cooperative Societies, Land Development Bank and Regional Rural Bank.

Unit V: Agricultural Price Policy   (18 hours)

Agricultural Price Policy: Meaning – Objectives – Policy for the development of agriculture – Instrument of Agricultural Price Policy: Support Price, Procurement Price and Issue Price – Indian Agricultural Acts of 2020: Components – pros and cons.

Text Books:

1.Tyagi.B.P"Agricultural Economics and Rural Development",JaiPrakashnanth&co, Meerut, 2015.

Reference Books:

1. Misraand Puri,Indian Economy, Himalaya Publishing House, Mumbai2017.

2. Sankaran.S."Indian   Economy (Problems,   Policies   and   Development)"

   Margham Pulications,Chennai, 2015.

3. Datt&Sundaram"Indian Economy"Chand & Company Private ltd, New Delhi,2014.

4. Rajalakshmi.N."Tamil Nadu Economics,"Allied Publishers, Mumbai,2011.

VIRUDHUNAGAR HINDU NADARS' SENTHIKUMARA NADAR COLLEGE
(An Autonomous Institution Affiliated to Madurai Kamaraj University)
Virudhunagar – 626 001.

II SEMESTER
MICRO ECONOMICS II
Core Paper 6 Hours per week

Course Title: Micro Economics II	**Total Hours: 90 hours**
Course Code: U23ECC21	**Total Credits: 4**

Course Outcomes:
Upon successful completion of this course, students will be able to:

Cos	Outcomes
CO 1	Students will be able to understand Different concepts of cost and revenue
CO 2	Students will be able to understand the perfect and monopoly market and the determination prices.
CO 3	Can understand two common market situation and the determination of price and output.
CO 4	To have better awareness regarding the determination of rent, Wage.
CO 5	Understand the basic concepts of interest and profit and their determination.

Unit I: Cost and Revenue Analysis   **(18 hours)**
Cost Concepts: Fixed and Variable Cost - Total, Average and Marginal Cost – AFC and AVC Curves – Short Run and Long Run Cost Curves – Relationship between Total cost, Average Cost and Marginal Cost. Revenue Concepts: Total, Average and Marginal Revenue Curves and their relationship (some numerical examples)

Unit II: Perfect Competition and Monopoly   **(18 hours)**
Perfect Competition: Meaning – Features – Price and Output Determination - Monopoly: Meaning – Features – Price and Output Determination- Price discrimination: Meaning and Types.

Unit III: Monopolistic Competition and Oligopoly   **(18 hours)**
Monopolistic Competition: Meaning – Features - Price and Output Determination. Duopoly, Bilateral monopoly and Monopsony: Meaning. Oligopoly: Meaning - Features – Kinked Demand Curve.

Unit IV: Rent and Wage   **(18 hours)**
     Rent: Meaning - Marginal Productivity Theory of Rent - Ricardian Theory of Rent- Quasi rent. Wage: Meaning – Money wage and Real wage – Factors determining real wage - Subsistence theory of wage - Wage fund theory.

Unit V: Interest and Profit   **(18 hours)**
Interest: Meaning – Gross and Net interest – Theories of Interest: Classical theory, Loanable Fund theory, Liquidity Preference Theory. Profit: Meaning – Gross and Net profit –Theories of Profit: Dynamic theory, Innovation theory, Risk theory and Uncertainty Theory.

Text Book:
- Principles of Micro Economics, N Gregory Mankiw,
  https://www.cenage.com/economics/mankiw

Reference Books:

1. Ahuja H.L. Principles of Micro Economics, S.Chand and Company, New Delhi, 2015.
2. John Kennedy. M. Micro Economics, Himalaya Publishing House, Mumbai- 2016.
3. Seth M. L., Principles of Economics, LaksmiNarayinAgarwal , Agra, 2013
4. Dewett, K.K, Modern Economic Theory, S.Chand and Company Ltd., New Delhi,2014.

STATISTICS FOR ECONOMICS II
Core Paper 6 Hours per Week

Course Title: Statistics for Economics II	Total Hours: 90 hours
Course Code: U23ECC22	Total Credits: 5

Course Outcomes:
Upon successful completion of this course, students will be able to:

Cos	Outcomes
CO 1	Identify and recall the statistical methods and tools used for advanced economic research
CO 2	Interpret and summarize probabilities and variables used in economic research in various ways.
CO 3	Analyze and illustrate the hypothesis testing and its significance level for effective research.
CO 4	assess and test the Chi – Square and Anova
CO 5	define and describe and analyze the basic concepts of econometrics

Unit 1: Correlation Analysis   **(18 hours)**
Correlation: Meaning – Types – Coefficient of correlation – Properties – Methods of measuring correlation : Scatter diagram – Graphic method – Karl person's coefficient of correlation – Spearman rank correlation coefficient.

Unit 2: Regression Analysis   **(18 hours)**
Regression : Meaning – Uses – Regression lines – Regression equations – Regression coefficient – Comparison between Correlation and Regression analysis.

Unit 3: Index Number   **(18 hours)**
Index Number: Meaning –Uses – Problems in the construction of index number. Methods of constructing index number :Laspyre's , Paasch's , Fisher, Dorbish- Bowely and Marshall – Edgeworth. Time Reversal and Factor Reversal test.

Unit 4: Time Series Analysis (18 hours)
Time series: Meaning – Uses – Components – Methods: Semi average method -Moving average method and Least square method

Unit 5: Probability Theory (18 hours)
Probability: Meaning – Concepts – Importance – Theorems of probability : Addition and Multiplication (Simple Problem only).

Text Books:
1. Gupta S.P. (2011), Statistical Methods, Sultan Chand and sons, New Delhi
2. Gujarati D.N. & Porter D.C (2009), Basic Econometrics, Boston, Mass: McGraw-Hill

References:
1. Gupta S.C.(2012), Fundamentals of Statistics, Himalaya, New Delhi.C
2. Chandan J.S.(2011), statistics for Business and Economics, Vikas Publishing House Pvt LTD.
3. P.K.Mohanty & S.K.Patel (2016), Basic Statistics, Scientific Publishers, New Delhi.
4. R.S.N Pillai & Bagavathi (2016), Statistics Theory and Practice, S.Chand and Company PVT LTD.
5. P.N.Arora and P.K Malhan (2016), Biostatistics, Himalaya Publishing House, New Delhi.

MONEY AND BANKING
Allied Paper 6 Hours per week

Course Title: Money and Banking	Total Hours: 90 hours
Course Code: U23ECA21	Total Credits: 4

Course Outcomes:
Upon successful completion of this course, students will be able to:

CO1	know the evolution of money
CO2	Understand the concept of monetary system
CO3	Have the knowledge on various theories related to the supply of money.
CO4	Understand functions of central bank and commercial banks.
CO5	Have knowledge over the functioning of money market and capital market in India.

UNIT I: INTRODUCTION TO MONEY (18 hours)
Barter System – Meaning and Difficulties – Money: Meaning and Definition – Evolution – Characteristics of Money – Kinds – Functions – Role of Money in Developing, Capitalist and Mixed Economy – Defects of Money.

UNIT II: MONETARY STANDARD
Meaning – Forms: Bimetallism, Monometalism and Paper Currency: Meaning – Advantages and Disadvantages – Gresham's Law – Qualities of A Good Monetary Standard – Principles of Note Issue – Systems of Note Issue – Merits and Demerits of Paper Currency.

UNIT III: MONETARY THEORIES   (18 hours)

Meaning of Value of Money – Fisher's Quantity Theory of Money: The Cash Transaction Approach – The Cambridge Equations: The Cash Balance Approach – The Superiority of Cash Balance Approach Over Transaction Approach.

UNIT IV: MONETARY POLICIES   (18 hours)

Meaning – Definition – Objectives – Instruments of Monetary Policy – Limitations of Monetary Policy – Role of Monetary Policy in A Developing Economy - Demonization 2016 in India: Positive and Negative Effect.

UNIT V: COMMERCIAL AND CENTRAL BANKING   (18 hours)

Banking: Meaning And Definition – Evolution – Central Banking: Meaning – Functions – Methods of Credit Control – Commercial Banking: Meaning – Functions – Process Of Credit Creation Process – The Role Of Banking In Economic Development.

Text Book:

1. Mithani D M, Money, Banking, International Trade and Public Finance, Himalaya Publishing House, Mumbai, 2016.

Reference Books:

1. Gorden Natarajan, Banking Theory, Law and Practice, Himalaya Publishing House,

   Mumbai, 2017. 2.Paul R.R Monetary Economics , Kalyani Publishers, Ludhiana, 2015.

2. Prabathi Patnaik, Jeyathi Gosh, Demonetisation 2016, Oxford University Publiction,

3. *பண மதிப்பு நீக்கம்: ஏன், ஏப்படி, எதற்காக?, தொகுப்பு: நா. மணி மற்றும் செள. புஷ்பராஜ்,*

   பாரதி புத்தகாலயம்