

B A
ECONOMICS
SYLLABUS (2007-2010)

under
CHOICE BASED CREDIT SYSTEM
(CBCS)



ST. JOSEPH'S COLLEGE (AUTONOMOUS)
(Nationally Reaccredited with A+ Grade / College with Potential for Excellence)
TIRUCHIRAPPALLI - 620 002

Features of Choice Based Credit System (CBCS)

The Autonomous St. Joseph's College (1978) with A+ Grade from NAAC (2007) has introduced the choice based credit system (CBCS) for UG and PG courses from the academic year 2001-2002.

OBJECTIVES of Credit System:

- * To provide mobility and flexibility for students within and outside the parent department
- * To provide broad based education
- * To help students learn at their own pace
- * To provide students scope for acquiring extra credits
- * To impart more job oriented skills to students
- * To make any course multi-disciplinary in approach

What is a credit system?

Weightage to a course is given in relation to the hours assigned for the course. Generally one hour per week has one credit. However, there could be some flexibility because of practicals, field visits and tutorials. The following Table shows the relation between credits and hours.

Hours in a week	Hours (2-3)	Hours (4)	Hours (5-6)
Theory Credits	1	3	4
Practicals Credits	1	2	3

For UG courses a student must earn a minimum of 140 credits to get a pass. The 140 credits are split as follows:

	BA	BSc	BCom
English	16	16	8
Languages	12	12	12
Allied: Compulsory - 2 courses	10	10	10
Allied: Optional - 2 courses	10	8	10
Computer Literacy	2	2	2
Foundation Courses	3	3	3
Environmental Studies	3	3	3
Electives	9	9	9
SHEPHERD	3	3	3
Core Courses	<u>72</u>	<u>74</u>	<u>80</u>
Total	<u>140</u>	<u>140</u>	<u>140</u>

A student can acquire credits more than 140 by taking electives offered by departments in the free hours available to him in 5th and 6th semesters.

Allied Courses:

The allied courses are of two categories.

Allied Compulsory and Allied Optional: The student has choice in allied optional as two courses are offered simultaneously. The department must offer two courses. The student has to choose one.

Electives

A student should take at least three electives.

A least one elective should be from Arts Department for a student of Science Department and vice versa for Arts students.

A student cannot take more than one elective from his parent department.

Credit System Codes - Subject Code Fixation

The various papers in the different courses are coded. The following code system is adopted.

- The code number of the subject should be as **07UPH1XX** where
 - a) 07 refers to year of revision
 - b) U refers to Undergraduate
 - c) PH refers to Physics*
 - d) 1 refers to Semester 1
 - e) 0X refers to Languages (Part 1)
 - f) 1X refers to General English (Part 2)
 - g) 2X refers to Core Major (Part 3)
 - h) 5X refers to Core Allied Compulsory (Part 3)
 - i) 7X refers to Core Allied Optional (Part 3)
 - j) 8X refers to Elective (Part 3)
 - k) 9X refers to Foundation Course (Part 4)
- } X - Paper number
- The code number of the subject should be as **07PEC1XX** where
 - a) 07 refers to year of revision
 - b) P refers to Postgraduate
 - c) EC refers to Economics*
 - d) 1 refers to Semester 1
 - e) 2X refers to Core
 - f) 4X refers to Optional
 - g) 6X refers to EDC
- } X-Paper number

Codes for Departments:

Sl. No.	Course	Subject Code
1.	Biochemistry	BI
2.	Biotechnology	BT
3.	Business Administration	BU
4.	Chemistry	CH
5.	Commerce	CO
6.	Computer Applications	CA
7.	Computer Science	CS
8.	Information Technology	IT
9.	Economics	EC
10.	English	EN
11.	English - General	GE
12.	Electronics	EL
13.	Foundation Course	FC
14.	French	FR
15.	Hindi	HI
16.	History	HS
17.	Human Resource Management	HR
18.	Mathematics	MA
19.	Physics	PH
20.	Plant Biology & Plant Biotechnology	PB
21.	Personnel Management & Industrial Relations	PM
22.	Sanskrit	SA
23.	Statistics	ST
24.	Tamil	TA
25.	Tamil - General	GT
26.	Transport Management	TM

Evaluation

For each course there is formative Continuous Internal Assessment (CIA) and Semester Examinations (SE) in the weightage ratio 50:50. The following table illustrates how one evaluates the **Overall Percentage Marks (OPM)** for a student in Part I (English) in the four papers put together.

$$\text{OPM} = \frac{a_1b_1 + a_2b_2 + a_3b_3 + a_4b_4}{(b_1+b_2+b_3+b_4)}$$

Where a_1, a_2, a_3 and a_4 indicate the marks obtained in the 4 semesters for English and b_1, b_2, b_3 and b_4 indicate the corresponding credits for the 4 courses. For example let us consider the following marks scored by a student in the 4 semesters in English.

Part II-General English

S. No.	Sem.	Subject	CIA	SE	Total	Avg	Credit	Cr.pts
1.	I	GE-I	50	48	98	49.0	4	196.0
2.	II	GE-II	50	48	98	49.0	4	196.0
3.	III	GE-III	50	50	100	50.0	4	200.0
4.	IV	GE-IV	50	48	98	49.0	4	196.0
TOTAL								788.0

$$\text{OPM} = 788 / \text{total number of credits} = 788.0 / 16 = 49.25$$

This percentage corresponds to III class.

If OPM is between 50 and 60 the student gets II class. If OPM is 60 and more then the student is placed in I class.

If scores OPM=75 and more he gets first class with distinction.

Similarly we can compute OPM for part II and Part III using the marks in various subjects and the corresponding credits.

Part IV consists of foundation courses, computer literacy, SHEPHERD programme, Service Organisation and only a pass is indicated for these and Part IV is not taken into account for computing OPM.

Declaration of result:

_____ has successfully completed B.Sc. degree course with FIRST CLASS. His overall average percentage of marks in part III is _____. He has acquired 11 more credits in the course by taking Foundation Courses, Environmental Studies, Computer Literacy, and SHEPHERD programme.

BA ECONOMICS - COURSE PATTERN

Sem	Part	Subject Code	Subject title	Hours/Week	Credits Allotted
I	I	*	Tamil-I / Hindi-I / Sanskrit-I /French-I	4	3
	II	07UGE111	General English - I	5	4
	III	07UEC121	Micro Economics - I	7	4
	III	07UEC122	Indian Economic Development-I	7	4
	III	07UEC151	Mathematical methods in Economics -I	5	5
	IV	07UFC191	Foundations of Humanity	2	1
	Total for Semester I				30
II	I	*	Tamil-II / Hindi-II / Sanskrit-II / French-II	4	3
	II	07UGE212	General English - II	5	4
	III	07UEC223	Micro Economics - II	6	5
	III	07UEC224	Indian Economic Development-II	6	5
	III	07UEC252	Mathematical Methods in Economics-II	5	5
	IV	07UFC292	Computer Literacy	2	2
	IV	07UFC293	Social Analysis	2	1
Total for Semester II				30	25
III	I	*	Tamil-III Hindi-III / Sanskrit-III /French-III	4	3
	II	07UGE313	General English - III	5	4
	III	07UEC325	Macro Economics-I	5	5
	III	07UEC326	Statistics for Economics-I	5	4
	III	07UEC37I	Urban Economics / or		
	III	07UEC372	Labour Economics	5	5
	IV	07UFC394	Social Ethics / or		
	IV	07UFC395	Religious Doctrine -I	2	1
IV	07UFC396	Environmental Studies	4	2	
Total for Semester III				30	24
IV	I	*	Tamil-IV/ Hindi-IV / Sanskrit-IV /French-IV	4	3
	II	07UGE414	General English - IV	5	4
	III	07UEC427	Macro Economics-II	5	5
	III	07UEC428	Statistics for Economics-II	5	4
	III	07UEC473	Entrepreneurial Development! or		
	III	07UEC474	Economics of Rural Development	5	3
		*	Elective-I	4	3
	IV	07UFC497	Building Men for Others /		
	IV	07UFC498	Religious Doctrine -II	2	1
Total for Semester IV				30	23
V	III	07UEC529	History of Economic Thought - I	6	5
	III	07UEC530	Money and Banking	6	5
	III	07UEC53I	Research Methods in Economics	6	5
	III	07UEC532	Economics of Infrastructure	5	4
	III	*	Elective-II	4	3
	III		Library#	3	-
Total for Semester V				30	22
VI	III	07UEC633	History of Economic Thought - II	6	4
	III	07UEC634	Public Finance	6	5
	III	07UEC635	International Economics	6	5
	III	07UEC636	Project Work	6	5
	III	*	Elective-III	4	3
	III		Library#	2	-
Total for Semester VI				30	22
I-V	SHEPHERD			-	3
Total				180	140

* Code Numbers according to the subjects chosen

Library Hours can be offered only in the Fifth! Sixth Semesters, not exceeding three hours.

Sem:I
07UGT101

Hours : 5
Credits: 4

பொதுத்தமிழ் - 1

Nehf;fq;fs;:

1. r%f khw;w czh;it Cl;Lk; jiyrpwe;j jw;fhyf; ftpQh;fs;> ciueil Mrphpah;fsJ gilg;Gfspd; ,yf;fpaeak; ghuhl;ly;.
2. re;jpg;gpiopad;wp vOjg; gapw;Wtpj;jy;

gad;fs;

1. r%f czh;T+l;Lk; gilg;Gfis mofpay; Efh;r;rp thapyhf khzhf;fh; fw;Wf;nfhs;th;.
2. re;jpg;gpiopad;wp vOjg; gapw;Wtpj;jy;

nra;As; jpul;L

1. kfhftp ghujpahh; ftpijfs;
2. ghujpjhhd; ftpijfs;
3. Rj;jhde;j ghujpahh;> jkpo;f;fdy; \vd;dUikj; jkpo;fNs|
4. ftpkzp ftpijfs;
5. ftpQh; fz;zjhrd; - ,NaR fhtpak;
6. ngUQ;rpj;jpudhh; ghly;fs;
7. mg;Jy; uFkhd; - Myhgid
8. ftpQh; mwpTkjp ftpijfs;
9. nkhopngah;g;Gf; ftpijfs;
10. ,yf;fzk;: ty;ypdk; kpFk; - kpfh ,lq;fs;

,yf;fpa tuyhW - %d;whk; ghfk;

rpWfij

ciueil : Kjy; MW fl;Liufs;

ghIE}y;

1. nra;As; jpul;L - jkpo;j;Jiw ntspaPL> 2004-2007
2. ,yf;fzk; - Nkw;Fwpj;j E}ypy; cs;sJ.
3. r%ftpay; Nehf;fpy; jkpo; ,yf;fpa tuyhW> jkpo;j;Jiw ntspaPL
4. ciueil E}y; - jpwd; tsh;f;Fk; fl;Liufs;> jkpo;j;Jiw ntspaPL> 2004-05 (mwf;fl;lisr; nrhw;nghopT ePq;fyhf 12 fl;Liufs;)
5. rpWfij; cwT> epAnrQ;Rhp Gj;jfepiyak;> nrd;id> 2007 Kjw;gjpg;G

Sem.: I
Code: 07UGE111

GENERAL ENGLISH - I

Hours : 5
Credits : 4

Objectives

1. To enable students develop their communication skills.
2. To inculcate in students the four basic skills: Reading, Writing, Listening and Speaking.

Unit I

1. Prose : At the College
2. Shakespeare : The Merchant of Venice
3. Essential English Grammar : Units 1 to 5
4. Reading Comprehension

Unit II

5. Poetry : The Passionate Shepherd to his Love
6. Shakespeare : The Taming of the Shrew
7. Essential English Grammar : Units 6 to 10
8. Letter Writing : Informal

Unit III

9. Prose : Outside the Class
10. Shakespeare : The Tempest
11. Essential English Grammar : Units 11 to 15
12. Letter Writing : Formal

Unit IV

13. Prose : For Business and Pleasure
14. Poetry : Daybreak
15. Shakespeare : Julius Caesar
16. Essential English Grammar : Units 16 to 22

Unit V

17. Poetry : I love to see it lap the miles
18. Shakespeare : King Lear
19. Shakespeare : Macbeth
20. Essential English Grammar : Units 23 to 29

Required Reading

1. Krishnaswamy, N. & T. Sriraman: Creative English for Communication (Macmillan)
2. Raju, A.K. (ed.) : Pegasus (Macmillan)
3. Murphy, R. : Essential English Grammar (CUP)
4. Dodd, E.F. : Six Tales from Shakespeare (Macmillan)

Sem I
07UEC121

Hours/Week : 7
Credits : 4

MICRO ECONOMICS -I

OBJECTIVES

- i. To make the students to understand the agents and their functions in an economy.
- ii To give detail study about price fluctuations and to analyse the behaviour of the unit and its equilibrium.

UNIT I

NATURE AND SCOPE OF ECONOMICS: Wealth and welfare, scarcity definitions; Nature of economics laws; Methodology in Economics, Choice as an economic problem.

UNIT II

PRICE MECHANISM: Role of Price mechanism in various economic systems; Demand and Supply, Basic framework applications, market equilibrium.

UNIT III

CONSUMER'S BEHAVIOUR: Utility Analysis - Cardinal and Ordinal approaches, indifference' curve, consumer's equilibrium (Hicks & Slutsky); Giffin' goods, compensated demand.

UNIT IV

ELASTICITY OF DEMAND: Price Elasticity, Income elasticity, Cross elasticity, Consumers' surplus, Engel Curve.

UNIT V

THEORY OF PRODUCTION AND COSTS: Production decisions, production function, Isoquant, factor substitution, law of variable proportions, returns to scale, economies of scale, Different concepts of cost and their inter- relations.

BOOKS FOR REFERENCE:

1. H.L.Ahuja: Principles of Economics, New Delhi: S.Chand & Co.Ltd, 1998.
2. V.Boulding: Economic Analysis. Harper & Row, 1948.
3. S.Sankaran: Micro Economics, Chennai: Margham publications1994.
4. M.L.jhingan: Micro Economic Theory, Delhi: Vrinda Publications (P) Ltd, 1998. 5. M.L.Seth: Principles of Economics, lakshmi Nara publications, 1997.
6. K.P.M.Sundaram: Micro Economics. Rotan prakshan Publications Ltd, 1978
7. Stonier and Hague: A Test book of Economic Theory, London: longmans, Green and Co.Ltd, 1964.
8. Robert S. Pindyck and Daniel L. Rubinfeld ,Micro Economics, 6th Edition, Prentice hall of India (Pvt. Ltd) New Delhi-01.

Sem I
07UEC122

Hours/Week : 7
Credits : 4

INDIAN ECONOMIC DEVELOPMENT-I

OBJECTIVES:

- 1) To give a basic knowledge of Economic Development to students.
- 2) To give an opportunity to analyze the most important issues in Indian Economy.

UNIT 1: ECONOMIC DEVELOPMENT:

Economic development and Economic growth characteristics of under developments - Theories of Economic Development; Balanced growth - Unbalanced growth - Big push Theory.

UNIT 2: AGRICULTURE:

Factors influencing Indian agricultural Development - Sources of agricultural Finance - food security - A brief note on land reforms in India - agricultural labor in India.

UNIT 3: INDUSTRY: I

Inter dependence between agriculture and industry - role of industry to Economic development –Major Industry: Cotton textile Industry - Iron and Steel Industry and Cement Industry- Role and problems & measurement of Small scale and cottage Industries.

UNIT 4: UNEMPLOYMENT AND POVERTY IN INDIA:

Meaning and causes of Unemployment and poverty in India - measures taken by the government to solve unemployment and poverty - PDS - nutritious meals Programme- PURA-TRYSEM and CMP

UNIT 5: PLANNING:

Economic planning -meaning and significance of planning - types of planning merits and defects of planning in India - planning strategies of India – new Economic policy and planning in India.

REFERENCE:

1. Ishwar.c.dhingra - The Indian economy, twenty first edition, sultan chand & sons, New Delhi.
2. Mishra & puri - economics of development and planning, 7th edition, Himalaya Publishing source New Delhi.
3. MEIER, G.M. (1995) Leading issues in economic development, 6th edition oxford University press, New Delhi.
4. To daro, M.P. (2000) Economic development, 7th edition, addition Wesley Longman pvt. Ltd. Delhi.

Sem I
07UEC151

Hours/Week : 5
Credits : 5

MATHEMATICAL METHODS IN ECONOMICS –I

OBJECTIVES:

- i. to understand the meaning and importance of Mathematical tools.
- ii. to acquire the knowledge of-solving simple problems under each unit

UNIT I: Straight line

Slope-intercept-equations of straight line-parallel lines – perpendicular lines-point of interception of two lines-Application of straight line in Economics: Supply line, Demand line, determination of equilibrium price and quantity.

UNIT II: Differential Calculus

Differentiation of polynomials[x^2 , $(ax+b)^2$]; $\log x$, e^x , differential coefficient of sum, difference, product, quotient and power- successive differentiation.

UNIT III : Application Of Differentiation In Economics:

- Marginal utility, Marginal revenue and Marginal cost.-Maxima and Minima (Revenue and Cost functions).

UNIT IV: Partial Derivatives:

- Rules of Partial Derivatives
- Given $U = f(x, y)$ and $U = f(x, y, z)$
- Higher order partial derivatives.

UNIT V: Integration:

Rules of integration –definite integral – Application in Economics- (a) Consumer surplus, (b) Producers surplus.

BOOKS FOR REFERENCE

1. D. Arul Jeganatharaj, G. Gnanasekaran and P. Stanly. Mathematics for beginners (Tiruchirappalli: Department of Economics St. Joseph's College 1989)
2. C.S.Agarwal, R.C. Joshi., Mathematics for Economists (Jalandhar: The New Academic Publishing Co 1983)

Sem:II
07UGT202

Hours : 5
Credits: 4

பொதுத்தமிழ்-2

நோக்கங்கள்

1. சமயநல்லிணக்க உணர்வை வளர்த்தல்
2. தமிழ்க்காப்பியங்களில் அழகும் அறிவுணர்வும் ஊட்டும் பகுதிகளைப் படித்துப் புரிந்து கொள்வர். உரைநடைக்கட்டுரை எழுதும் திறன் பெறுவர்.

பயன்கள்

தமிழைத் திருத்தமாகப் படிக்கவும் பேசவும் பிழையின்றி எழுதவும் தேர்ச்சி பெறுதல்.
தம் படைப்புக்களில் படித்தவற்றை முறையாகப் பயன்படுத்தல்

1. செய்யுள் திரட்டு

1. சிலப்பதிகாரம்
2. மணிமேகலை
3. சீவகசிந்தாமணி
4. கம்பராமாயணம்
5. தேம்பாவணி
6. சீறாப்புராணம்
7. இரட்சணிய சரிதம்
8. இலக்கணம்: எழுத்து, சொல்

2. இலக்கணம் - எழுத்து, சொல் (தமிழ்த் துறை வெளியீடு)

இலக்கிய வரலாறு - இரண்டாம் பாகம் (தமிழ்த்துறை வெளியீடு,2001)
உரைநடை நூல்-7 முதல் இறுதிக்கட்டுரைகள் வரை, திறன்வளர்க்கும் கட்டுரைகள் (7-12) (தமிழ் ஆய்வுத்துறை வெளியீடு, 2001)

பாடநூல்:

செய்யுள் திரட்டு - தமிழ்த்துறை வெளியீடு, 2004-07

Sem. : II
Code : 07UGE212

GENERAL ENGLISH - II

Hours : 5
Credits : 4

Objectives

1. To enable students develop their communication skills.
2. To inculcate in students the four basic skills: Reading, Writing, Listening and Speaking.

Unit I

1. Prose : Are you Smart?
2. Jules Verne : Around the World in 80 Days (Chap. 1 to 5)
3. Essential English Grammar : Units 30 to 35
4. Reading Comprehension

Unit II

5. Poetry : Gitanjali (Song 36)
6. Jules Verne : Around the World in 80 Days (Chap. 6 to 10)
7. Essential English Grammar : Units 36 to 40
8. Note-making

Unit III

9. Prose : Are you Creative?
10. Jules Verne : Around the World in 80 Days (Chap. 11 to 15)
11. Essential English Grammar : Units 41 to 45
12. Note-taking

Unit IV

13. Prose : How to Win?
14. Poetry : The Pond
15. Jules Verne : Around the World in 80 Days (Chap. 16 to 20)
16. Essential English Grammar : Units 46 to 50

Unit V

17. Poetry : The Tree
18. Jules Verne : Around the World in 80 Days (Chap. 21 to 26)
19. Essential English Grammar : Units 51 to 57
20. Dialogue Writing

Required Reading

1. Krishnaswamy, N. & T. Sriraman : Creative English for Communication (Macmillan)
2. Raju, A.K. (ed.) : Pegasus (Macmillan)
3. Murphy, R. : Essential English Grammar (CUP)
4. Verne, J. (Retold by M. Green) : Around the World in Eighty Days (Macmillan)

Sem II
07UEC223

Hours/Week : 6
Credits : 5

MICRO ECONOMICS –II

OBJECTIVES

- To know about the factor and product pricing.
- To analyze investment and returns.
- To study about welfare economics.

UNIT I

MARKET STRUCTURE AND PRODUCT PRICING: Perfect and Imperfect markets; equilibrium of a firm -Perfect competition, Monopoly and price discrimination; measure of monopoly power; Monopolistic competition; Oligopoly; Duopoly.

UNIT II

FACTOR PRICING- THEORIES OF DISTRIBUTION: Marginal productivity theory of distributions: Theories of wage determination; Theories of Profits; Theories of Interest; Theories of Rent

UNIT III

PRICING METHOD AND PROBLEMS: Practical ways of Pricing the Product- the technical problems and solutions-Pricing decisions

UNIT IV

INVESTMENT ANALYSIS: Payback period- average annual rate of return, Net present value, Internal rate of return criteria, price changes, risk and uncertainty, elements of social cost benefit analysis.

UNIT V

WELFARE ECONOMICS: Problems in measuring welfare, classical welfare economics, Pareto's criteria, value judgment, concept of social welfare function, Compensation principle-Kaldor, Hicks.

BOOKS FOR REFERENCE:

1. H.L.Ahuja: Principles of Economics, New Delhi: S.Chand & Co.Ltd, 1998.
2. V.Boulding: Economic Analysis. Harper & Row, 1948.
3. S.Sankaran: Micro Economics, Chennai: Margham publications 1994.
4. M.L.jhingan: Micro Economic Theory, Delhi: Vrinda Publications (P) Ltd, 1998.
5. M.L.Seth: Principles of Economics, lakshmi Nara publications, 1997.
6. K.P.M.Sundaram: Micro Economics. Rotan prakshan Publications Ltd, 1978
7. Stonier and Hague: A Test book of Economic Theory, London: longman, Green and Co.Ltd, 1964.

Sem II
07UEC224

Hours/Week : 6
Credits : 5

INDIAN ECONOMIC DEVELOPMENT-II

OBJECTIVES:

- 1) To give a basic knowledge of Economic Development to students.
- 2) To give an opportunity to analyze the most important issues in Indian Economy

UNIT 1: ECONOMIC DEVELOPMENT:

Concept of under development - British rule - impact on the Indian economy- Natural Resources: land - water - forest - minerals.

UNIT 2: POPULATION AND INFRASTRUCTURE:

Demographic features: size, growth, sex, rural- urban migration - over population: causes, effects, and measures - infrastructure and economic growth: railways, roads, shipping and air transport.

UNIT 3: NATURE AND IMPORTANCE OF AGRICULTURE:

Nature and importance of agriculture - agricultural production and productivity -green revolution new agricultural strategy - HYV seeds, mechanization and power - agricultural marketing.

UNIT 4: PATTERN OF INDUSTRIALIZATION:

Pattern of industrialization - industrial policy; 1956 and 1991 and FEMA - Role of public sector - private sector in India- Concept of ICT, IT- Role of Banking, Insurance and power sector.

UNIT 5: ECONOMIC PLANNING:

Planning in India: objectives, strategies, broad achievement and failure
current five year plan: objectives, allocation and targets - new economic reforms:
liberalization, privatization and globalization.

REFERENCE:

1. Ishwar.c.dhingra - The Indian economy, twenty first edition, sultan chand & sons, New Delhi.
2. Mishra & puri - economics of development and planning, 7th edition, Himalaya publishing source New Delhi.
3. MEIER, G.M. (1995) Leading issues in economic development, 6th edition oxford university press, New Delhi.
4. Todaro, M.P. (2000) Economic development, 7th edition, addition Wesley Longman pvt. Ltd. Delhi.

Sem II
07UEC252

Hours/Week : 5
Credits : 5

MATHEMATICAL METHODS IN ECONOMICS –II

OBJECTIVES:

- i. to understand the meaning and importance of Mathematical tools.
- ii. to acquire the knowledge of-solving simple problems under each unit

UNIT I: Matrices:

Matrices - Addition and Subtraction of matrices. - Matrix multiplication - Transpose of matrix - sub-matrix of a matrix - determinants - Inverse of a matrix - solution of linear equation by Cramer's rule.

UNIT II: Linear Programming I

Meaning-Basic concepts: Objective function, Constraint, Feasible solution, Optimum solution- Graphical solution (only two variables)

UNIT III: Linear Programming II

Simplex method (only two variables) Maximization and Minimization.

UNIT IV: Ratio Analysis.

Meaning of ratios, Classification of ratios, Profitability ratios, coverage ratios, turn over ratios, financial ratios- Advantages of ratio analysis.

UNIT V: An Introduction to Econometrics.

Definition- Econometrics and Mathematics- Econometrics and Statistics – Meaning of Linear Regression Model.-the concepts Auto correlation, Heteroscedasticity, Multicollinearity.

BOOKS FOR REFERENCE

D.Arul Jeganatharaj, G.Gnanasekaran and P.Stanly. Mathematics for beginners
(Tiruchirappalli: Department of Economics St.Joseph's College 1989)

C.S.Agarwal, R.C. Joshi., Mathematics for Economists (Jalandhar: The New Academic Publishing Co 1983)

Singh Parasher Singh, An introduction to Econometrics, New Delhi, Sterling Publishers Pvt Ltd., 1998

Sem:III
07UGT303

Hours : 5
Credits: 4

பொதுத்தமிழ்-3

நோக்கங்கள்

1. தமிழ்ச்செய்யுள்களைப் படித்துப் பொருள் புரிந்து கொள்ளுதல்
2. செய்யுள்களில் அமைந்துள்ள சமூகக்கருத்துக்களை உணர்தல்
3. படைப்புத்திறனை வளர்த்தெடுத்தல்

பயன்கள்

1. புரிந்து கொண்ட கருத்துக்களில் பயனுள்ளவற்றைத் தெளிவாக, இனிமையாக எடுத்துச்சொல்லும் திறனைப் பெறுதல்.
2. தமிழ் மொழியின் சிறப்பை அறிதல்.

செய்யுள் திரட்டு

1. குறுந்தொகை
2. பதிற்றுப்பத்து
3. கலித்தொகை
4. புறநானூறு
5. சிறுபாணாற்றப்படை
6. பதினெண் கீழ்க்கணக்கு - திருக்குறள்
7. இலக்கணப் பகுதி: யாப்பு, அணி

இலக்கணம் : யாப்பு, அணி

புதினம் - சூரியகாந்தன், *அம்மன் பூவோடு*, பாவைபதிப்பகம், சென்னை, 2003
இலக்கிய வரலாறு - முதல் பாகம்.

பாடநூல்

செய்யுள் திரட்டு - தமிழ்த்துறை வெளியீடு 2004-07
சமூகவியல் நோக்கில் இலக்கிய வரலாறு - தமிழ்த்துறை வெளியீடு

Sem. : III
Code : 07UGE 313

GENERAL ENGLISH - III

Hours : 5
Credits : 4

Objectives

1. To enable students to acquire reading habit and thus develop their reading skills.
2. To make them activate their passive vocabulary and sentence structures through prescribed texts.
3. To enhance their taste for reading that will naturally develop their vocabulary power and sentence structures.
4. To develop the listening, speaking and writing skills of students through the prescribed texts.

Unit – I

1. Guy de Maupassant : The Diamond Necklace
2. Emile Gaboriou : The Accursed House
3. Sheila Kaye-Smith : Mrs. Adis
4. Anton Tchekov : The Bet
5. Reading Comprehension

Unit – II

6. O. Henry : After Twenty years
7. Leonard Merrick : The Judgement of Paris
8. Stephen Leacock : The Conjuror's Revenge
9. A.E. Coppard : The Halfyard Ham
10. Expansion of a Maxim

Unit – III

11. Far From the Madding Crowd : Chapters 1 to 4
12. Far From the Madding Crowd : Chapters 5 to 8
13. Far From the Madding Crowd : Chapters 9 to 11
14. Far From the Madding Crowd : Chapters 12 and 13
15. Essential English Grammar : Units 58 to 72

Unit – IV

16. P.G. Wodehouse : The Prize Poem
17. Mulk Raj Anand : The Barber's Trade Union
18. R.K. Narayan : Wife's Holiday
19. Kushwant Singh : The Mark of Vishnu
20. Essential English Grammar : Units 73 to 91

Unit - V

21. Far From the Madding Crowd : Chapters 14 to 15
22. Far From the Madding Crowd : Chapters 16 to 18
23. Far From the Madding Crowd : Chapters 19 to 21
24. Far From the Madding Crowd : Chapters 22 to 24
25. Précis Writing

Required Reading

1. Ramesh, K.P. (Ed.) : The Diamond Necklace and Other Stories (Macmillan)
2. Hardy, T. (Retold by EF Dodd) : Far From the Madding Crowd (Macmillan)
3. Murphy, Raymond : Essential English Grammar (CUP)

Sem III
07UEC325

Hours/Week : 5
Credits : 5

MACRO ECONOMICS-I

UNIT-I

Macro Economics: Theory of Income and Employment

Nature and Scope of Macro Economics- Concepts of Economic Surplus and Wealth - Macro Economic ratios- Circular flow of income- National income- Measurement of National Income- National income Accounting.

UNIT-II

The Classical theory of Income and Employment:

The Classical theory of Employment: Say's law of Market- Wage price flexibility and full employment- Classical theory of employment- Out-put- complete Model- Critique of Say's Law and Classical theory.

UNIT-III

Keynes Theory of Employment- An Outline

Keynes Theory of Income- Aggregate Demand and Aggregate Function- Effective Demand- Underemployment Equilibrium and Determination of National Income. Consumption Function- Psychological Law- Consumption as a function of Income- APC-MPC-APS-MPS- Determinants of Consumption function- Keynes Investment Multiplier- Working of Multiplier- Leakages of Multiplier.

UNIT-IV

Keynes Investment Function:

Types of Investment- Induced Vs Autonomous Investments- Inducement to Invest -Marginal Efficiency of Capital- Factors other than the interest rates affecting Inducement to invest. Liquidity Preferences theory of rate of interest - Demand for money, Supply of money-equilibrium rate of interest. Liquidity trap analysis.

UNIT-V

Relevance of Keynesian Economics to Developing Countries:

Traditional View- Irrelevance of Keynesian Economics-Nature of Unemployment in Developing Countries- Irrelevance of Keynesian Prescription- Non-applicable assumptions- Limitations of Multiplier in Developing Countries- Different Nature of Problems- Suggested measures- Validity of Keynesian theory- Role of Monetary policy in Developing countries- Objectives and tools of Keynesian Monetary Policy to control inflation-Conclusion.

REFERENCES:

1. M.L.JHINGAN-MACRO ECONOMICS
2. Ackley, G., Macro economics Theory and Policy(London: Macmillian New York 1978)
3. Edey, M. and A T Peacock., National Income and Social Accounts (Hutchinson University library 1967)
4. Keynes J M., The Heneral Theory of Employment interest and money (London: Mac Million 1936)
5. Gerley, J and E. S. Shaw., Money in a Theory of Finance (Brookings Institutions 1960)

Sem III
07UEC326

Hours/Week : 6
Credits : 4

STATISTICS FOR ECONOMICS-I

OBJECTIVES

- i. The subject introduces various statistical tools to the students of Economics.
- ii. To give a research bent of mind to the students of economics (statistical tools are; commonly used in research).

Unit-I

Meaning, functions and limitations of Statistics- Statistics and Economics - Primary and secondary data - Methods of collecting primary data- Drafting the questionnaire –pre-testing the questionnaire – Sources of secondary data – precautions in the use of secondary data.

Unit-II

Sampling and Sampling design – Census and sample method – Methods of selecting sample- Sampling and non- sampling errors- Principles of Sampling – essentials of sampling – merits and demerits of sampling.

Unit-III

Classification Tabulation and Diagrams- Meaning and objectives of classification - Types of classification – parts of table – general rules of tabulation – types of tables - Diagrammatic and graphic representation - Types of diagrams - Graphs of frequency distribution - Histograms - Frequency Polygon - Ogives.

Unit-IV

Measures of Central tendency - Objectives of averaging - Requisites of a good average - Arithmetic mean - Weighted Mean - Median - Quartiles - Deciles - Percentiles – Mode- Limitations of averages.

Unit- V

Measures of variation: Meaning – Significance -Range - Quartile deviation - Mean deviation - Coefficient of variation --Variance - Lorenz curve.

Books For Reference

1. S.P.Gupta: Statistical Methods. New Delhi: Sultan Chand & Sons, 2001
2. S.P.Gupta: Elementary Statistical Methods. New Delhi: Vikas Publishing House Pvt. Ltd., 1973

Sem III
07UEC371

Hours/Week : 5
Credits : 5

Allied Optional: URBAN ECONOMICS

OBJECTIVES

- i. To enable the students to understand the dimensions of urbanization
- ii. To inculcate the problems and prospects of urbanization in India.

UNIT I

NATURE AND SCOPE OF URBAN ECONOMICS: Meaning of Urban Economics, Urbanism and Urbanization -Theories of migration – pulling factors and pushing factors- Central place theory and spatial economic organization- Urban system and functional dependencies between human settlement of different sizes.

UNIT II

ECONOMICS OF CITY SIZE: Cost and benefit of city size- Agglomeration economics- Economics of location- Economics base and Economic base multiplier-Monocentric and poly-nucleus urban structure – city size distribution

UNIT III

URBAN INFRASTRUCTURE AND URBAN PLANNING: Land use and land development- Urban housing-Problem of slum up gradation-Drinking water and sewerage system- Transport and communication problem- Health ;and education facilities- Location: Place of work and place of residence

UNIT IV

URBAN FINANCE: Sources of Urban Finance-Local public finance-Municipal and Corporation Administration-Urban modeling

UNIT V

URBANIZATION IN INDIA: Urbanization in India-Causes and Consequences of Urbanization in India-Problems of urbanization- Remedial measures-Urbanization in Tamil Nadu

REFERENCE

1. Richard F.Muth., Urban Economic Problems (Harper and Row Publishers 1975)
2. Werner,Z, Hirsch., Urban Economic Analysis (Tata McGraw Hill Publishing Co Ltd 1975)
3. R.Ramachandran., Urbanization and Urban System in India (Oxford University Press 1987)
4. Button., Urban Economic Theory and Policy (McMillan, 1976)

Sem III
07UEC372

Hours/Week : 5
Credits : 5

Allied Optional: LABOUR ECONOMICS

OBJECTIVES

- i this paper expose students to theoretical as well as empirical issues to the labour market with special reference to India.
- ii to impart the issues pertaining to the labour market, wage theories, employment policies, trade unions and collective bargaining in the globalized economy.
- iii it helps the students to understand about the issues such as unemployment and social security for the growing millions.

UNIT I

LABOUR MARKETS: Nature and characteristics of labour markets in developing countries like India; Demand for labour in relation to growth of labour force; Labour market policies; Mobility and productivity of labour.

UNIT II

EMPLOYMENT: Employment and development relationship - Poverty and unemployment in developing countries; Impact of rationalization, technological change and modernization on employment in organized private industry, Public sector and employment in agricultural sector; Analysis of educated unemployment; Methods of recruitment and placement; Employment service organization in India.

UNIT III

WAGE DETERMINATION: Classical, neo-classical and bargaining theories of wage determination; Concepts of minimum wage, living wage and fair wage in theory and practice; Wage Determination in various sector-rural, urban, organized, unorganized and informal sectors; Non-wage component of labour remuneration; Productivity and wage relationship; National wage policy; Wages and wage Boards in India; Bonus system and profit sharing

UNIT IV

INDUSTRIAL RELATIONS: Theories of labour movement - Growth, pattern and structure of labour unions in India, Achievements of labour unions; Causes of industrial disputes and their settlement and prevention mechanism; Role of tripartism; Current trends in Collective Bargaining; Labour legislation in India.

UNIT V

STATE AND LABOUR: State and social security of labour - Concept of social security and its evolution; Social assistance and social insurance; Special problems of labour; child labour female labour, Discrimination and gender bias in treatment of labour; Globalization an labour markets.

REFERENCE

1. Datt, G., Bargaining Power, Wages and Employment: An Analysis of Agricultural Labour Markets in India (New Delhi: Sage Publications 1966)
2. Hajela, P.D., Labour Restructuring in India: A Critique of the New Economic Policies (New Delhi: Common wealth Publishers 1988)
3. Lester, R.A., Economics of Labour (New Delhi: (Second Ediction) (Macmillian 1964)

4. Rosenberg M.R., Labour markets in Low Income Countries in Chenery H.B. and T.N. Srinivasan,(Eds.), The Handbook of Development Economics (New york: North-Holland 1988)
5. Venkata Ratnam, C.S., Globalisation and Labour Management Relations (New Delhi: Dynamics of change, Sage Publications/Response Books 2001)
6. Sen, A.k., Employment, Technology and Development (New Delhi: Oxford University press 1975)
7. Deshpande,L.K., P.R. Brahmananda, E.A.G.Robinson., Employment policy in Developing Economy (London: Vol. I & II Macmillan (Eds) 1983)
8. Hicks J.R., The Theory of Wages (Clarendon Press Oxford 1932)
9. Memoria, C.B., Labour problems and Social Welfare in India (Allahabad: Kitab Mahal 1996)
10. Misra,L., Child Labour in India (New Delhi: Oxford University Press 2000)

Sem: IV
07UGT404

Hours : 5
Credits: 4

பொதுத்தமிழ்-4

நோக்கம்

1. நாடகத்தின் நோக்கம், அதன் போக்கு, உத்திகள், பாத்திரப்பாங்கு, உரையாடல் முறை, கற்பனைத்திறம் போன்றவற்றை வெளிப்படுத்தல்
2. புதிய நாடகங்களைப் படைக்கும் திறனை மாணவர்களிடையே உருவாக்குதல்.

பயன்கள்

1. நாடகவழி அழகியல் உணர்வுகளை வளர்த்தல்.
2. நாடகங்களைச் சமூகப் பயன்பாட்டிற்கு ஏற்ப உருவாக்குதல்

செய்யுள் நாடகம் :

மனோன்மணியம், பேராசிரியர் சுந்தரனார்

அலகு 1: மனோன்மணியம், பாயிரம், அங்கம் 1, களம் 1-5 வரை

அலகு 2: மனோன்மணியம், பாயிரம், அங்கம் 2, களம் 1-3 வரை

அலகு 3: மனோன்மணியம், பாயிரம், அங்கம் 3, களம் 1-4 வரை

அலகு 4: மனோன்மணியம், பாயிரம், அங்கம் 4, களம் 1-5 வரை

அலகு 5: மனோன்மணியம், பாயிரம், அங்கம் 5, களம் 1-3 வரை

உரைநடை நாடகம் :

முனைவர் ஆ. சிவக்கண்ணன், பேராசிரியர் பிரம்மச்சாரி, நியூசெஞ்சுரி புத்தகநிலையம், 2005. (உரைநடை நாடகம் முழுமையும்)

பாடநூல்

1. பேராசிரியர் சுந்தரனார் , மனோன்மணியம் - (பதி) தமிழ்த்துறை, தூய வளனார் கல்லூரி, திருச்சிராப்பள்ளி
2. முனைவர் சிவக்கண்ணன், பேராசிரியர் பிரம்மச்சாரி, பாவைப்பதிப்பகம்.

மதிப்பெண் பகிர்வு

மனோன்மணியம் - 80

உரைநடை நாடகம் - 20

உரைநடை பாகம் 3-இல் நாடகம் கட்டுரை வினாவில் மட்டும் இடம் பெற வேண்டும்.

Sem. : IV
Code : 07UGE414

GENERAL ENGLISH - IV

Hours : 5
Credits : 4

Objectives

1. To enhance reading skills towards developing vocabulary power and composition skills.
2. To create in students a taste for enjoying English One-Act Plays thus making them imbibe dramatic skills.
3. To develop the listening, speaking and writing skills of students through the prescribed texts.

Unit – I

1. A. Ball : The Seven Slaves
2. R.H. Wood : Post Early for Christmas
3. Reading Comprehension
4. Essential English Grammar : Units 92 to 98

Unit – II

5. Monica Thorne : The King Who Limped
6. A.E.M. Bayliss : One Good Turn
7. A Tale of Two Cities : Part I
8. Essential English Grammar : Units 99 to 106

Unit – III

9. A Tale of Two Cities : PART II: Chapters 1 to 3
10. A Tale of Two Cities : PART II: Chapters 4 to 7
11. A Tale of Two Cities : PART II: Chapters 8 to 10
12. General Essay

Unit – IV

13. Allan Monkhouse : Night Watches
14. Ella Adkins : The Unexpected
15. A Tale of Two Cities : PART II: Chapters 11 to 13
16. Essential English Grammar : Units 107 to 114

Unit – V

17. Josephina Niggli : Sunday Costs Five Pesos
18. A Tale of Two Cities : PART III: Chapters 1 to 5
19. A Tale of Two Cities : PART III: Chapters 6 to 9
20. Report Writing

Required Reading

1. K.S. Ramamurthy (Ed.) : Seven One-Act Plays (OUP)
2. Dickens, C. (Retold by P. Atkinson): A Tale of Two Cities (Macmillan)
3. Murphy, Raymond : Essential English Grammar (CUP)

Sem IV
07UEC427

Hours/Week : 5
Credits : 5

MACRO ECONOMICS-II

OBJECTIVES

- i To understand the various macro concepts
- ii To examine how the macro concepts are used in macro economic policy framework

UNIT-I

Macro Economic Goals:

Achieving goals- Economic Planning- Need for Planning- Planning Models and Planning in a Mixed Economy.

UNIT II

Joan Robinson's Model of Capital Accumulation

Robinson Model- A critical appraisal- Its applicability to developing countries- the Golden Role of Accumulation.

UNIT-III

Development Strategy:

- a) Under development and development. Development Strategy of an economy.
- b) Nurkse's theory of Disguised Unemployment as a Saving Potential
- c) Lewis Theory of Unlimited Supplies of Labour

UNIT-IV

Doctrine of Balanced Growth:

Strategies of Balanced and Unbalanced Growth: Growth Models-Harrod and Domar Models- Mahalanobis heavy industry Model- Strategy for development- Two Sector Model- Wage Good Model of Development.

UNIT-V

Role of Foreign Capital and Aid in Economic Development:

Types of foreign capital: Role of foreign Aid: Case for and against of Foreign Aid. Factors determining the amount of Foreign Aid for Economic Development- Two Gap Model and Cost Benefits of foreign Aid.

REFERENCES:

1. M.L.JHINGAN-MACRO ECONOMICS
2. Aekley,G., Macro economics Theory and Policy(London: Macmillian NewYork 1978)
3. Edey ,Mand A T Peacock., National Income and Social Accounts (Hutchinson University library 1967)
4. Keynes J M., The Heneral Theory of Employment interest and money(London: Mac Million 1936)
5. Gerley,J and E.S.Shaw., Money in a Theory of Finance (Brookings Institutions 1960)

Sem IV
07UEC428

Hours/Week : 5
Credits : 5

STATISTICS FOR ECONOMICS II

OBJECTIVES

- i To understand the various statistical measures which are related to Economics.
- ii To enable the students to apply the statistical tools in economic theories.

Unit-I: Correlation Analysis

Meaning – significance of the study of correlation – correlation and causation – Types of correlation: a) Positive, negative, b) Partial, multiple, c) Linear and non-linear Methods of studying correlation: i) Scatter diagram method, ii) Graphic method, iii) Karl Pearson's Coefficient of correlation, iv) Spearman's Rank Correlation.

Unit-II : Regression Analysis

Meaning – Difference between correlation and regression – Regression lines - Regression equations of X on Y and Y on X only - Regression coefficients.

Unit-III : Probability

Meaning – calculation of probability – Theorems of probability : (a) Addition (b) Multiplication .

Unit-IV: Analysis of Time Series

Utility of time series - Components of Time series – Measurement of trend : (a) graphic method (b) semi average method (c) moving average method c) Least square method.

Unit- V: Index numbers

Meaning – uses – classification - Problem in construction - Paasche, Laspeyres, Fisher Index number

BOOKS FOR REFERENCE

S.P.Gupta: Elementary Statistical Method. New Delhi: Vikas Publishing House Pvt. Ltd., 1973.

S.P.Gupta: Statistical Methods. New Delhi: Sultan Chand & sons,2001.

Sem IV
07UEC473

Hours/Week : 5
Credits : 3

Allied Optional: ENTREPRENEURIAL DEVELOPMENT

OBJECTIVES

- i to acquire the Knowledge of Entrepreneurial Development
- ii to identify the skills of Entrepreneurs
- iii to know the Entrepreneurship Development Programme
- iv to study the importance of Project.

UNIT I

Definition of entrepreneur- Importance of entrepreneurship – Sociological and Psychological factors of entrepreneurship-Motivation and methods of improving it in a person.

UNIT II

ENTREPRENEURSHIP DEVELOPMENT PROGRAMME: ERP institutions in India and their functions-NIESBUD New Delhi: SIET Institute ,Hyderabad: ITCOT AND SIPCOT in Tamil Nadu: SISI;NSIC- The role of Development Banks and Commercial Banks.

UNIT III

PROJECT AND ITS LOCATION: Planning the project- Essentials of a project report of a Business-Technical and Economic feasibility – Counseling – Project formulation.

UNIT IV

MANAGERIAL SKILLS: Methods- Role of Management- Partnership and company- Types of Credits-Benefits of leasing.

UNIT V

WOMEN ENTREPRENEURS: Problems-Reservation for Small-scale industry- Problems of family Business- Industrial Estates-Prevention of Industrial Pollution-Causes and prevention of Industrial sickness.

REFERENCES

1. Vasant Desai., Dynamics of Entrepreneurial Development (New Delhi: Wiley Eastern Ltd 1990)
2. P.Saravanel., Entrepreneurship Development Principles, Policies and programmes (New Delhi: Himalaya Publishing House 1992)
3. S.B.Srivastava., A Practical Guide to Industrial Entrepreneurs (New Delhi: Wiley Eastern Ltd 1990)
4. Gupta Srinivasan., Entrepreneurial Development (New Delhi: Sultan Chand & Sons 1999)
5. T.V.Rao and Udai aPareek., Developing Entrepreneurship- A hand Book (New Delhi: McGraw Hill Publications Co Ltd 1995)

Sem IV
07UEC474

Hours/Week : 5
Credits : 3

Allied Optional: ECONOMICS OF RURAL DEVELOPMENT

OBJECTIVES

The basic objective of this paper is to highlight the characteristics, performance and problems of rural economy of India – the thrust ;is on rural unemployment, rural industries; marketing and rural banks.

UNIT I

CHARACTERISTICS OF RURAL ECONOMY: Difference between Agriculture and Industry – low productivity in Agriculture contribution of rural economy to the National economy – rural indebtedness – causes – remedies.

UNIT II

RURAL UNEMPLOYMENT: disguised unemployment – causes and consequences – population pressure in rural areas – remedies to solve the problems.

UNIT III

RURAL INDUSTRIES: Small Industries – Cottage Industries-- Importance of rural industries – Problems of rural industries – Suggestions – Role of KVIC

UNIT IV

RURAL MARKETS: Co-operative marketing and regulated markets – defects of Agricultural marketing – steps taken to improve Agricultural marketing.

UNIT V

RURAL BANKS: Sources of rural finance - Co-operative banks commercial banks – Regional rural Banks – NAABARD – Technique of Agricultural financing – Farmers' market.

REFERENCE

1. Dhingra,I.C., The Indian Economy (New Delhi: Sultan Chand and Sons 1998)
2. Satyasundaram,I., Rural Development (Mumbai: Himalaya Publishing House 1997)
3. Vasan Desai., Rrural Economics Vol.I-VI.(Mumbai: Himalaya Publishing House 1988)
4. Sen,K.K., Rural Industrialisation (New Delhi: Sultan Chand and Sons 1995)
5. Panda,R.K., Agricultural Indebtedness and Institutional Finance (Ashish Publications)
6. Agrawal,A.N. Kundal Lal., Agricultural Problems of India (New Delhi: Vikas Publishing House Pvt Ltd 1996)
7. Sankaran, S., Indian Economy (Chennai: Marcham Publications 2000)
8. Sriram and Maheswari., Rural Development in India (New Delhi: Saga Publications India Pvt Ltd 1995)

Sem V
07UEC529

Hours/Week : 6
Credits : 5

HISTORY OF ECONOMIC THOUGHT-I

OBJECTIVES

This course, tracing the history of economic thought, would enable the student to understand how contemporary economics came to be what it is.

UNIT I

EARLY PERIOD: Economic thought of Plato and Aristotle- Medieval Economic Thought of St. Thomas Aquinas.

UNIT II

PRE-CLASSICALS: Mercantilism: main characteristics; Thomas Mun - Physiocracy; natural order, primacy of agriculture, social classes, Tableau Economique, taxation, Turgot- Economic ideas of Petty, Locke and Hume.

UNIT III

CLASSICAL PERIOD: Adam Smith - division of labour, theory of value, capital accumulation, . distribution, views on trade, economic progress; David Ricardo - value, theory of rent, distribution, ideas of economic development and international trade; Thomas R.Malthus theory of population, theory of gluts; Economic ideas of J.B.Say, J.S.MILL

UNIT IV

DEVELOPMENT OF SOCIALISTIC IDEAS: St. Simon, Sismondi and Robert Owen; Economic Ideas of Karl Marx - dynamics of social change, theory of value, surplus value, profit, and crisis of capitalism;

UNIT V

HISTORICAL SCHOOL: The Older Historical School - Wilhelm Roscher, Bruno Hildebrand, Karl Knies. The Newer Historical School- Schmoller.

BOOKS FOR REFERENCE:

1. Blackhouse, R., A History of Modern Economic Analysis (Basil Blackwell Oxford 1985)
2. Ganguli, B.N., Indian Economic Thought (New Delhi: A 19th Century Perspective Tata McGraw Hill 1977)
3. Gide, C. and G. Rist., A History of Economic Doctrines (London: (Second Edition) (George Harrop & Co 1956)
4. Grey, A and A.E. Thomson., The Development of Economic Doctrine (London: (Second Edition) Longman Group 1980)
5. Kautilya., The Arthashastra (New Delhi: Edited, Rearranged, Translated and Introduced by L.N. Rangarajan, Penguin Books 1992)
6. Roll, E., A History of Economic Thought (London: Faber 1973)
7. Schumpeter, J.A., A History of Economic Analysis (New York: Oxford University Press 1954)
8. Seshadri, G.B., Economic Doctrines (Delhi: B.R. Publishing Corporation 1997)

Sem V
07UEC530

Hours/Week : 6
Credits : 5

MONEY AND BANKING

OBJECTIVES

- To understand operations of the Money and Banking in an economy
- To provide both theoretical and Practical aspects of banking
- To understand the objectives and limitations of the monetary policy.

UNIT I

BASIC CONCEPTS: Money- Meaning, function and classification; Gresham's law; Role of Money in Capitalist, Socialist and Mixed Economy; Kinds, uses and limitation of index numbers; quantity theory of money – Cash transactions and cash balance approaches; The Keynesian approach.

UNIT II

INFLATION AND TRADE CYCLE: Definition, Types, Causes and Effects of Inflation on Different Sector of the Economy: Demand-pull and Cost push Inflation; Measures to control inflation; trade-off between inflation and unemployment. The structure of trade cycle; causes effects, control of trade cycle; Theories Keynesian, Hawtrey, Von-Hayek and Hicks.

UNIT III

COMMERCIAL BANKING: Meaning and types; Functions of Commercial banks; the process of credit creation – Purpose and limitations: Liabilities and assets of banks: Evolution of commercial banking in India after Independence: A critical appraisal of the progress of commercial banking after nationalization; Recent reforms in banking sector in India.

UNIT IV

CENTRAL BANKING: Function of Central Bank; Quantitative and qualitative methods of credit control – bank rate policy, open market operations, variable reserve ratio and selective methods; Role and functions of the Reserve Bank of India;

UNIT V

MONEY AND CAPITAL MARKETS AND MONETARY POLICY: Structure and importance of Money Market: London and New York Money Markets – Indian Money Market – Indian Capital Market a Complete Study. Monetary Policy - Theories – Classical, Keynesian objectives – Limitations of Monetary Policy with reference to India.

REFERENCE

1. Gupta. S.B., Monetary Economics (New Delhi: S. Chand & Company 1994)
2. De Kock, M.H., Central Banking (London: Staples Press 1960)
3. Harris. C.L., , Money and Banking (London: Allyn and Bacon 1961)
4. Mishra, S.S., Money, Inflation and Economic Growth (New Delhi: Oxford & IBH Publishing Company 1981)
5. Sayers, R.S., Modern Banking (Delhi: (Seventh Edition) Oxford University Press 1978)

Sem V
07UEC531

Hours/Week : 6
Credits : 5

RESEARCH METHODS IN ECONOMICS

OBJECTIVES

- i this paper is intended to help the students to acquire of research methodology
- ii it helps to know the research viz selection of problem ,methodology ,research design and research report
- iii it enables the students to have first hand knowledge about the project work they are giving to do in their final semester

UNIT I

FUNDAMENTAL CONCEPTS OF RESEARCH: Meaning, objectives, purpose ,and criteria of research :types of research –pure, applied, historical, analytical, descriptive and experimental research process of research ,scientific method –case study method :problems encountered by researchers.

UNIT II

RESEARCH PLANNING: Research problem –identification, selection and formation of research problem :review of literature in the filed of socio –economic aspects

UNIT III

RESEARCH DESIGN: Different research designs. Factors affecting research design, sampling design –principle of sampling census and sampling methods, types of sampling, factors affecting the size of the sample :methods of data collection –primary and secondary methods .

UNIT IV

HYPOTHESIS: Meaning ,sources ,formation ,concepts ,importance and types of hypothesis: procedure for hypothesis testing :type –land type-11 errors.

UNIT V

INTERPRETATION AND REPORT-WRITING:

Process of data analysis – editing, coding ,tabulation diagrams process of interpretation : scaling techniques report writing – significance of report writing : different steps in writing the report :mechanics of writing a research report.

BOOKS FOR REFERENCE

1. Pattan Shetti, C. C., ‘An Introduction to Research Methods in Social Sciences’, Rainbow Publishers, 1988.
2. Gopal, M. M., ‘An Introduction to Research Procedure’, Asia Publishing House, 1970.
3. Sonachalam, K. S., ‘Research Methodology of Social Sciences’, Koodal Publishers, 1979.
4. Wilkinson and Bhambroker, ‘Social Research’, New Delhi: Himalaya Publishing House, 1989.
5. Paulin V. Young, ‘Scientific Social Surveys and Research’, New Delhi: Asia Publishing House, 1987.
6. Kothari, C. R., ‘Research Methodology: Methods and Techniques’, Wishwa Prakashan, 1990.
7. Kurien, C. T., ‘A Guide to Research in Economics’, Rainbow Publications, 1985.
8. Kerlinge, F. W., ‘Foundations of Behavioural Research’, Surjeet Publications, 1983.
9. Ghosh, N., ‘Scientific Methods and Social Research’, New Delhi: Sterling Publishers, 1982.
10. Goode & Hatt, ‘Methods in Social Research’, New Delhi: McGraw Hill, 1983.

Sem V
07UEC532

Hours/Week : 5
Credits : 4

ECONOMICS OF INFRASTRUCTURE

OBJECTIVES

- i. to impart knowledge to the students on basic infrastructure of the country in general and of Tamil Nadu in particular.
- ii. to make them realize the importance of conservation of the sources of energy and to help the students understand the challenges of the present Educational and Health sectors

UNIT I

INTRODUCTION: Infrastructure and economic development; Infrastructure as a public good; Social and physical Infrastructure; Special characteristics of public utilities; pricing in public utilities.

UNIT II

TRANSPORT & COMMUNICATION ECONOMICS: Demand for Transport; Cost Functions in the Transport Sector; principle of pricing; Special Problems of Individual Modes of Transport; Telephone Utilities; Costs in Telephone Industry; Characteristics of Postal Services; Criteria for fixation of Postal Rates; Measurement of Standards of Service in Telephone and Postal Utilities.

UNIT III

ENERGY ECONOMICS, ELECTRICITY & WATER SUPPLY:

Primacy of Energy in the process of Economic Development; Factors Determining Demand for Energy; Effects of Energy Shortages; Energy Conservation; Renewable and Non-conventional Sources of Energy; Economics of Thermal, Hydel and Nuclear Power Plants; The Case for a National Power Grid; Urban and Rural Water Supply; Pricing Problem.

UNIT IV

SOCIAL INFRASTRUCTURE: Organization and Financing of supply of social services. Private vs. public Sector Financing; Recent debate about the fixation of prices of social services in the successive Indian plans.

UNIT V EDUCATION AND HEALTH: Education and Economic Growth. The Case for Universal, Free, Primary Education; Structure of higher education and problems of its financing in India; Human Resources and Human capital Development. Health Dimensions of development; Determinants of health- poverty, malnutrition, illiteracy and lack of health information.

BOOKS FOR REFERENCE

1. National council of Applied Economic Research (NCAER)(1996), India Infrastructure Report: Policy Implications for Growth and Welfare, NCAER, New Delhi.
2. Parikh, K.S. (Ed.)(1997), India Development Report 1 997, Oxford, New Delhi.
3. Parikh, K.S. (Ed.)(1999), India Development Report 1999-2000, Oxford, New Delhi.

Sem VI
07UEC633

Hours/Week : 6
Credits : 4

HISTORY OF ECONOMIC THOUGHT-II

OBJECTIVES

To understand the Evolution of Modern Economic Thought
To help the students to forecast the future trends of economics

UNIT I

MARGINALISTS: Main Characteristics of Marginalism; Economic Ideas-Jevons, Karl Menger, Walras and Alfred Marshall: role of time in price determination, economic methods, ideas of consumer's surplus, elasticities, prime and supplementary costs, representative firm, external and internal economies, quasi-rent, organization as a factor of production, nature of profits;

UNIT II

HETERODOXY AFTER MARSHALL AND INNOVATIONS AND IMPERFECTIONS: Institutional theory of Veblen- Gunnar Myrdal- J.K. Galbraith J.A.Schumpeter: role of entrepreneur and innovations- Mrs.Joan Robinson: Imperfect Market C.A Chamberlin: Monopolistic Competition.

UNIT III

KEYNESIAN IDEAS: The aggregate economy, Liquidity Preference Theory and Liquidity trap, Marginal Efficiency of Capital and Marginal Efficiency of Investment, wage rigidities, underemployment equilibrium, role of fiscal policy: deficit spending and public works, multiplier principle, cyclical behaviour of the economy, uncertainty and role of expectations, impetus to economic modeling.

UNIT IV

INDIAN ECONOMIC THOUGHT: Early economic ideas: Kautilya, Valluvar; Modern economic ideas: Naoroji, Ranade, R.C. Dutt and M.N. Roy; Economic ideas of Gandhi: Village, Swadeshi, place of machine and labour, cottage industries, trusteeship; Nehru; Early approaches to planning (The national planning committee); Gadgil: co-operation as a way of life and strategy of development; J.K. Mehta: Wantlessness -Dr.Ambedkar

UNIT V

NOBEL LAUREATES - AK.Sen- Kenneth Arrow- Milton Friedman - Prof. Stiglitz-Prof Edward Phelps

BOOKS FOR REFERENCE:

1. Blackhouse, R., A Histouy of Mmodern Economic Analysis (Basil Blackwell Oxford 1985)
2. Ganguli, B.N., Indian Economic Thought (New Delhi: A 19th Century Perspective Tata McGraw Hill 1977)
3. Gide, C. and G. Rist., A History of Economic Doctrines (London: (Second Edition) (George Harrop & Co 1956)
4. Grey, A and A.E. Thomson., The Development of Economic Doctrine (London: (Second Edition) Longman Group 1980)
5. Seshadri, G.B., Economic Doctrines (Delhi: B.R. Publishing Corporation 1997)

Sem VI
07UEC634

Hours/Week : 6
Credits : 5

PUBLIC FINANCE

OBJECTIVES

- ✧ To understand the role of state in fostering the economic activities via budget and fiscal policy.
- ✧ This paper enables the students to understand the vexing issues between Central and State Governments.

UNIT I: ROLE OF PUBLIC FINANCE

Meaning, Scope and importance of Public Finance - Normative and Positive approach - Role of state on economic activities - comparison of public and private finance.

UNIT II: PUBLIC REVENUE, EXPENDITURE AND DEBT.

Revenue:- meaning, source, tax and non-tax (classification) revenue and importance - Expenditure:- meaning, scope, classification, effects and importance - Debt:- meaning, classification and reasons for the growth

UNIT III: TAXATION

Meaning, characteristics, objectives, cannons and kinds tax - impact, shifting, incidence, evasion and effects of taxation - Major taxes-Income tax - expenditure tax - commodity taxes - wealth taxes - and agriculture taxes

UNIT IV FISCAL FEDERALISM

Meaning and importance - Principles of Centre –state Finance relations- Recent finance commission

UNIT V BUDGET AND FISCAL POLICY

Budgetary procedure in India, Agencies involved in Financial Administration and Parliamentary control on Budge- Current Budget- Fiscal instruments- Fiscal objectives

BOOKS FOR REFERENCE

1. H.L.Bhatia., Public Finance (New Delhi: Vikas Publishing House Pvt Ltd 1999)
B.P.Tyagi., Public Finance (Meerat: Jai Prakash Nath & co 1999)
2. Musgrve and Musgrave., Public Finance in Theory and Practice (New Delhi: McGrawHill Book co 1984)
3. R.C.Awawal, Public Finance(Lakshmi Narayan Publiation)

Sem VI
07UEC635

Hours/Week : 6
Credits : 4

INTERNATIONAL ECONOMICS

OBJECTIVES

To arrive at an understanding of theories of international trade; and, ii. To examine the impact of the trade policies on welfare

UNIT I

THEORY OF INTERNATIONAL TRADE: The Pure Theory of International Trade - Theories of Absolute Advantage, Comparative Advantage and Opportunity Costs - Modern Theory of International Trade features, assumptions and limitations.

UNIT II

MEASUREMENT OF GAINS AND THEORY OF INTERVENTIONS: Measurement and Distribution of Gains from Trade - Terms of Trade - Balance of Payments-Capital Flow and Fund Flows-FDI and FII

UNIT III

BALANCE OF PAYMENTS: Meaning and components of balance of payments: equilibrium and disequilibrium in the balance of payments; causes of disequilibrium in balance of payment, measures to correct disequilibrium in BOP - the process of adjustment under systems of gold standard, fixed exchange rates and flexible exchange rates

UNIT IV

THE THEORY OF REGIONAL BLOCS: Forms of economic cooperation; Reforms for the emergence of trading blocks at the global level; Dynamic effects of a customs union and free trade areas; Rationale and economic progress of SA ARC. Functions of GATT/WTO (TRIPS, TRIMS), UNCTAD, IMF, World Bank and Asian Development Bank-their achievements and failures; WTO and World Bank from the point of view of India - Role of Globalization in India

UNIT V

TRADE POLICIES IN INDIA: Trade problems and trade policies in India during the last five decades; recent changes in the direction and composition of trade and their implications; Rationale and impact of trade reforms since 1991 on balance of payments, employment and growth. Problems of India's international debt; Working and Regulations of MNCs in India. Instruments of export promotion and recent import and export policies and agenda for future.

BOOKS FOR REFERENCE

1. Aggarwal, M.R., Regional Economic Cooperation in South Asia (New Delhi: S Chand and Co 1979)
2. Bhagwati, J (Ed.), International Trade, Selected Readings (Massachusetts: Cambridge University Press 1981)
3. Brahmananda, P R., The IMF Loan and India's Economic Future (Bombay: Himalaya Publishing House 1982)
4. Kindleberger, C.P., International Economics (Homewood: R.D. Irwin. 1973)
5. Satyanarayan, B., India's Trade with Asia and the Far East Countries (New Delhi: B.R.Publishing Corp. 1986)
6. Soderston, Bo., International Economics (London: The Macmillan Press Ltd 1991)

**ELECTIVES OFFERED BY VARIOUS DEPARTMENTS FOR
UG COURSES**

Sem	Code No.	Title of the Paper	Hours	Credits
Department of Business Administration				
IV	07UBU481	Soft Skills Development	4	3
V	07UBU582	Advertisement and Sales Promotion	4	3
VI	07UBU683	Personal Growth Programme	4	3
Department of Chemistry				
IV	07UCH481	Food and Nutrition	4	3
V	07UCH582	Everyday Chemistry	4	3
VI	07UCH683	Soil Testing	4	3
Department of Commerce				
IV	07UCO481	Elements of Business Process Outsourcing (BPO)	4	3
	07UCO482	Accounts for Executives	4	3
V	07UCO583	Soft Skills Development	4	3
	07UCO584	Fundamentals of Investment Management	4	3
VI	07UCO685	Small Scale Business Development	4	3
	07UCO686	Hotel Management	4	3
Department of Computer Science				
IV	07UCS481	Office Automation	4	3
	07UCS482	Internet Concepts	4	3
V	07UCS583	Fundamentals of Computer Networks	4	3
	07UCS584	Information Technology	4	3
VI	07UCS685	E-Commerce	4	3
	07UCS686	Foundations of Computer Science	4	3
Department of Computer Application (BCA) (SFS)				
IV	07UCA481	Personal Soft Skills	4	3
Department of Economics				
IV	07UEC481	Indian Economy	4	3
V	07UEC582	Tamil Nadu Economy	4	3
VI	07UEC683	Economics of Social Issues	4	3
Department of Electronics				
IV	07UEL481	Computer Electronics	4	3
V	07UEL582	Radio and Television	4	3
VI	07UEL683	DVD Player Assembling and Troubleshooting	4	3

Department of English

IV	07UEN481	English for Competitive Exams	4	3
	07UEN482	Film Studies	4	3
V	07UEN583	English for Communication	4	3
	07UEN584	Public Speaking in English	4	3
VI	07UEN685	English of Literature	4	3
	07UEN686	English for Empowerment	4	3

Department of History

IV	07UHS481	Tourism and Travel Agency	4	3
V	07UHS582	Tourism and Automation	4	3
VI	07UHS683	Indian History for Competitive Examinations	4	3

Department of Mathematics

IV	07UMA481	Mathematics for Competitive Examinations	4	3
V	07UMA582	Graph Theory	4	3
VI	07UMA683	Operations Research	4	3

Department of Physics

IV	07UPH481	Everyday Physics	4	3
V	07UPH582	Photography	4	3
VI	07UPH683	Cell Phone Servicing	4	3
	07UPH684	Electrical Wiring	4	3

Department of Plant Biology & Plant Biotechnology

IV	07UBO481	Mushroom Culture	4	3
V	07UBO582	Everyday Biology	4	3
VI	07UBO683	Remote Sensing	4	3

Department of Statistics

IV	07UST481	Statistics for Management	4	3
V	07UST582	Data Analysis for Competitive Examination	4	3
VI	07UST683	Actuarial Statistics	4	3

Department of Tamil

IV	07UTA481	மைய அரசுப்பணித்தேர்வுத் தமிழ்	4	3
V	07UTA582	தமிழ் இலக்கியத்தில் மனித உரிமைகள்	4	3
VI	07UTA683	சித்த மருத்துவம்	4	3
VI	07UTA684	மக்கள் தகவல் தொடர்பியல்	4	3

