



K. R. MANGALAM UNIVERSITY

THE COMPLETE WORLD OF EDUCATION

SCHOOL OF HUMANITIES

Bachelor of Arts (Honours) Economics

B.A. (H) Economics

Programme Code- 19

(Undergraduate Programme)

2018-21

**Approved in the 17th Meeting of Academic
Council Held on 29 June 2018**




Registrar
K.R. Mangalam University
Sector Road, Gurugram, (Haryana)



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1. Introduction

K.R. Mangalam University, Sohna Road, Gurgaon is a private University founded in the year 2013 by Mangalam Edu Gate, a company incorporated under Section 25 of the Companies Act, 1956, and recognized by the UGC under Section 2f of the UGC Act, 1956. The University offers a multidisciplinary liberal education that transcends beyond the boundaries of Science and Arts. It is constantly chasing perfection, innovating new dimensions and creating different opportunities for the new generation. Its quest for knowledge is seamless across disciplines like Engineering, Law, Basic & Applied Sciences, Management and Commerce, Journalism & Mass Communication, Medical & Allied Sciences, Architecture & Planning, Fashion, Humanities, Education and Ph. D. Programmes. It places strong emphasis on interdisciplinary learning through practical exposure and research, enabling its students to become responsible professionals with self-awareness and a commitment for public service. The unique learning facilities and the state-of-the-art infrastructure of the University inspire its students to be professionally skilful, socially committed and personally successful.

Quality education is the major focus of the university. The well-qualified and experienced faculty members, the panel of experts as the visiting faculty, guest lectures and other curricular activities provide the best learning experience. The advanced laboratories, workshops, studios and activity rooms give the practical experience of the knowledge disseminated. The continuous evaluation system and systematic mentoring are the two major measures that enable the holistic development of the students of KRMU.

The K.R. Mangalam Group has made a name for itself in the field of education. Over a period of time, the various educational entities of the group have converged into a fully functional corporate academy. Resources at KRMU have been continuously upgraded to optimize opportunities for the students. Our students are groomed in a truly inter-disciplinary environment wherein they develop integrative skills through interaction with students from engineering, management, journalism and media study streams.

K. R. Mangalam University is unique because of its

- i. Enduring legacy of providing education to high achievers who demonstrate leadership in diverse fields.
- ii. Protective and nurturing environment for teaching, research, creativity, scholarship, social and economic justice.

2. Objectives

- i. To impart undergraduate, post-graduate and Doctoral education in identified areas of higher education.
- ii. To undertake research programmes with industrial interface.
- iii. To integrate its growth with the global needs and expectations of the major stake holders through teaching, research, exchange & collaborative programmes with foreign, Indian Universities/Institutions and MNCs.
- iv. To act as a nodal center for transfer of technology to the industry.

3. About School of Humanities

The School of Humanities at KRMU comprises two disciplines (English, Economics) offering undergraduate programmes.

- B.A. (H) English
- B.A. (H) Economics

School Vision

Our vision is to equip the students with critical thinking, problem-solving, creativity, and collaboration skills along with professional knowledge.

School Mission

In order to achieve its vision, SOHS intends to focus on the following mission objectives:

- M 1: To promote cross-curricular innovation with a focus on developing a strong knowledge and skills base.
- M 2: To contribute significantly towards the larger institutional mission of instilling lifelong learning.
- M 3: To promote humanitarian goals of global peace, sensitivity and cooperation through inclusive and dynamic curriculum.
- M 4: To promote analytical and critical research skills, scientific enquiry and creative thinking among the students.
- M 5: To provide opportunities to acquire language proficiency and socio-cultural-philosophical awareness
- M 6: To promote awareness on socio-economic issues at regional, national, and global levels through cooperative learning reinforced by classroom teaching, experiential learning, and research.

4. Programmes in Economics

The School of Humanities aims to instill core and foundational values of constructive education. The programs under Economics have primary learning outcomes which are achieved through a strong curriculum, innovative pedagogy, and hands-on learning experiences. Founded in 2015, programmes in economics offered at the School of Humanities thrives to reach standards of excellence in teaching, research, and consultancy. The school recognizes the growing demand for trained manpower in industry, government, research and other sectors as well as nurturing future researchers and specialists in economics.

5. Bachelor of Arts- Economics (Hons.)

The B.A (Hons.) Economics programme is enriching yet challenging, suited to the varying interests and career ambitions of students in the area of Economics. The objective is to encourage critical, evaluative and strategic ways of thinking using principles of economics. The programme is designed to generate an appreciation of the economic dimensions extending to social, political, environmental and international issues. The program focuses on the systematic study of production, distribution, conservation and allocation of limited resources and in conditions of scarcity in society, together with the organizational frameworks related to these processes.

5.1 Eligibility Criteria: - The candidate should have passed the 10+2 or its equivalent examination from a recognized Board/University with a minimum of 50% marks in aggregate with minimum 50% in Maths/Economics.

5.2 Programme Duration

The minimum period required for completing B.A (Hons.) Economics programme is three years i.e., 6 semesters. The programme will be considered complete when the candidate has earned minimum credits as per the scheme.

5.3 Course Outlines: - Economic History of India 1857-1947/Principles of Economics/Basics of Mathematics/Environmental Studies/Communication Skills/Indian Economy since Independence: Problems and Prospects/Micro Economics/Differential Equation and Optimization Technique/Society, Culture and Social Change/Information Technology Fundamental/Indian Economy: Problems and Prospects/Development Economics/Business Statistics/Money and Banking/Macro Economics/Public Economics/Economics of Agriculture/History of Economic Thought/Basics of Financial Markets/Economics of Industry/Economics of Public Finance/Environmental Economics/International Economics.

Optional Papers: - Econometrics/Labour Economics/International Economic Institutions.

5.4 Career Options: - Corporate Sectors (Marketing)/Finance, Commerce and the Banking Sectors/Research Associates with Economics Consulting Firms/Economic Consulting Jobs/Customs Department/Import/Export Companies/Civil Services/Agricultural Economics & Econometrics.

5.5 Class Timings

The classes will be held from Monday to Friday from 09.10 am to 04.00 pm.

5.6 Syllabi

The syllabi of all courses for first year for all the programmes offered by School of Humanities are given in the following pages. These are arranged as: (a) common course (b) degree specific numeric order of the last three digits of the course code.

Scheme of Studies of B.A. (Hons.) Economics				For 2018-2021 (Scheme of Studies)				
SOHS								
	Odd				Even			
	S.No .	Course Code	Title	C	S.No.	Course Code	Title	C
	1	SHES101	ECONOMIC HISTORY OF INDIA: 1857– 1947 (CORE)	4	1	SHES102	INDIAN ECONOMY SINCE INDEPENDENCE: PROBLEMS AND PROSPECTS- I (CORE)	4
	2	SHES103	PRINCIPLES OF ECONOMICS (CORE)	4	2	SHES104	MICROECONOMICS- I (CORE)	4
	3	SHMA143	BASICS OF MATHEMATICS (CORE)	4	3	SHMA144	DIFFERENTIAL EQUATION & OPTIMIZATION TECHNIQUE (CORE)	4
	4	SHCH125	ENVIRONMENTAL STUDIES	3	4	SHES108	SOCIETY, CULTURE AND SOCIAL CHANGE (CORE)	4
	5	SHEL101	COMMUNICATION SKILLS	4	5	SHCS102	INFORMATION TECHNOLOGY FUNDAMENTALS (CORE)	3
	6	SHEL171	COMMUNICATION SKILLS LAB	1	6	SHCS152	INFORMATION TECHNOLOGY FUNDAMENTALS LAB	1
					7	SHMC319	BUSINESS ENVIRONMENT (CORE)	4
		TOTAL	20			TOTAL	24	
		Odd				Even		
	S. No.	Course Code	Title	C	S.No.	Course Code	Title	C
	1	SHES201	INDIAN ECONOMY SINCE INDEPENDENCE: PROBLEMS AND PROSPECTS- II (CORE)	4	1	SHES202	PUBLIC ECONOMICS (CORE)	4
	2	SHES203	MICRO ECONOMICS-II (CORE)	4	2	SHES204	MACRO ECONOMICS – I (CORE)	4
	3	SHES205	DEVELOPMENT ECONOMICS	4	3	SHES206	DEVELOPMENT ECONOMICS – II	4

			- I (CORE)				(CORE)	
4	SHES207	MONEY AND BANKING (CORE)	4	4	SHES208	ECONOMICS OF AGRICULTURE (CORE)	4	
5	SHMA120	BUSINESS STATISTICS (CORE)	4	5	SHES212	DEMOGRAPHY (CORE)	4	
6	SHMC211	HUMAN RESOURCE MANAGEMENT (CORE)	4	6	SHMC310	ENTREPRENEURSHIP (CORE)	4	
		TOTAL	24			TOTAL	24	
	Odd				Even			
S. No.	Course Code	Title	C	S.No.	Course Code	Title	C	
1	SHES301	HISTORY OF ECONOMIC THOUGHT- I (CORE)	4		SHES302	HISTORY OF ECONOMIC THOUGHT – II (CORE)	4	
2	SHES303	MACRO ECONOMICS – II (CORE)	4	1	SHES304	ECONOMICS OF PUBLIC FINANCE (CORE)	4	
3	SHES305	BASICS OF FINANCIAL MARKETS (CORE)	4	2	SHES306	ENVIRONMENTAL ECONOMICS (CORE)	4	
4	SHES307	ECONOMICS OF INDUSTRY (CORE)	4	3	SHES308	INTERNATIONAL ECONOMICS-II (CORE)	4	
5	SHES309	INTERNATIONAL ECONOMICS-I (CORE)	4	4	SHES310	DISSERTATION	5	
6	SHEL317	RESEARCH METHODOLOGY- AN INTRODUCTION	6			Elective (any one)		
				1	SHES312	INTERNATIONAL ECONOMIC INSTITUTIONS	4	
				2	SHES314	LABOUR ECONOMICS	4	
				3	SHES210	ECONOMETRICS	4	
		TOTAL	26			TOTAL	25	
						Total Credits(C)	143	

SEMESTER-I

SHEL101	COMMUNICATION SKILLS	C
		4

Course Objective:

- To make the students understand the basics of Grammar and its correct usage.
- To enhance the written and oral communication skills of students.
- To improve students' personality and to enhance their self-confidence.

UNIT I

Introduction to Communication: Meaning, Forms & Types of Communication; Process of Communication; Principles of Effective Communication/7Cs, Barriers in Communication; Literature: *A Bird Came Down the Walk* by Emily Dickinson

UNIT II

Essentials of Grammar: Parts of Speech: Noun, Pronoun, Adjective, Verb, Adverb, Preposition, Conjunction, Interjection; Using tenses; Articles; Types of sentences; Reported Speech; Punctuation; Literature: *Stopping by Woods on A Snowy Evening* by Robert Frost

UNIT III

Building Vocabulary: Word Formation (by adding suffixes and prefixes); Common Errors; Words Often Confused; One word substitution, Homonyms and Homophones; Antonyms & Synonyms, Phrasal Verbs, Idioms & Proverbs (25 each); Commonly used foreign words (15 in number); Literature: *The Gift of Magi* by O'Henry

UNIT IV

Personality Development: Etiquette & Manners; Leadership; Inter & intra personal skills; Attitude, Self-esteem & Self-reliance; Public Speaking; Body Language: Posture, Gesture, Eye Contact, Facial Expressions; Presentation Skills/ Techniques; Literature: *My Prayer to Thee* by Rabindranath Tagore;

TEXT BOOK:

Kumar, Sanjay and Pushpata. *Communication Skills*. Oxford University Press.

REFERENCE BOOKS / SITES:

1. Tickoo, M.L, Subramanian A. E. and Subramaniam P.R. *Intermediate Grammar, Usage and Composition*. Orient Blackswan.
2. Mitra, Barun K. *Personality Development and Soft Skills*. Oxford University Press.
3. "Best Poems", <http://100.best-poems.net/>. 20 July 2016.
4. "Classic English Short Stories", <http://www.eastoftheweb.com/short-stories/Collections/ClasEngl.shtml>, 20 July 2016.

TEXT BOOK:

Sanjay Kumar and PushpLata, *Communication Skills*, Oxford University Press.

REFERENCE BOOKS:

5. M.L.Tickoo, A. E. Subramanian and P.R. Subramaniam, Intermediate Grammar, Usage and Composition, Orient Blackswan.
6. Barun K Mitra, Personality Development and Soft Skills, Oxford University Press.

SHEL171	COMMUNICATION SKILLS LAB	C
		1

Objective: The Communication Skills Lab focuses on communication activities in functional and situational contexts. It encourages students to speak with fluency and accuracy as well as to enhance the four language skills of reading, writing, listening and speaking through real life and professional situations.

In each practical class student should spend

- 5 to 10 minutes on effective browsing of online News paper
- 5 to 10 minutes on English Language software activities

Each student must actively complete the following ten activities in practical classes, and the Lab Record with the teacher's signature and the internal marks should be submitted to the External Expert during Viva.

Activity 1: Self- introduction: Informal introduction & formal introduction; A detailed write up on formal 'Self Introduction'; Formal Introduction of oneself in front of the group.

Activity 2: News Reading: Introduction to 'online News papers'; Browsing and selecting the preferred Newspaper; Browsing through the News Headlines; Selecting interested News items; Comprehending the content, writing down the essence and reading the News in front of the Group. Discuss 5 to 8 new words or terms, 4 to 5 important personalities of that day's news etc.

Activity 3: a. JAM: Introduction to 'Just A Minute speech' and the 'Extempore speech'; Preparation of speech on given topic (different topic for each student); delivery of the speech; Feedback (on content, time management, body language etc. highlighting the positive aspects first.)

b. Listening Comprehension: Listen to online/downloaded oration by renowned Orators; write down the content in a precise form and give an oral presentation of that write up following all the etiquettes of public speaking.

Activity 4: a. Turn Coat: Speaking for and against by the same person with time specification; assign topics from the immediate surroundings; write down the content either from the Net or from personal knowledge; prepare well and deliver; feedback & suggestions for improvement.

b. News Discussions: Selecting News of the day, Discussing among the group, prepare the news content and prepare the group opinion about the issue and present it in front of the class by the group involving each member; select 5 new words & new usages from the selected news item

Activity 5: Conversation ability: Characteristics of effective conversation; Listening to a few sample conversations; preparing conversation based on the given situation; enacting the situation through effective delivery of the script; feedback & suggestions for improvement.

Activity 6: Role Play: Characteristics of Role Play; assigning roles; developing the content to deliver; enacting the role with effective delivery; feedback & suggestions for improvement.

Activity 7: Public Speaking: Characteristics of effective Public speaking; possible barriers; watching demo online; topic assignment, information gathering & recording; delivery in front of the class; feedback & suggestions for improvement (Different topic for each student).

Activity 8: Group Discussion: Importance and characteristics; Dos & Don'ts in GD; Demo display; assign topic for the group, Preparation & performance; feedback & suggestions for improvement.

Activity 9: Debate: Difference between Group Discussion & Debating; Watching demo of Debating; Topic for the group of 2 or 4; preparation and performance; feedback & suggestions for improvement.

Activity 10: Interview: Importance & purpose of Job Interview; Interview etiquettes; Watch demo interview; Appear for formal mock interview; feedback & suggestions for improvement.

TEXT BOOK:

Kumar, Sanjay and Push Plata. *Communication Skills*. Oxford University Press.

REFERENCE BOOKS:

1. Mitra, Barun K. *Personality Development and Soft Skills*. Oxford University Press.

2. Raman Meenakshi & Sharma, Sangeetha. *Technical Communication Principles and Practices*, 2nd Ed. Oxford University Press, New Dehi, 2011.

SHES101	ECONOMIC HISTORY OF INDIA: 1857-1947	C
		4

Course Objective: The objective of this course is to:

- Understand the basic concept of Economics.
- Study about the economic history of India.

UNIT – I

Why study economic history, the problems in interpreting India's past, the state of the Indian Economy on the eve of independence, Indian Economy in the mid-nineteenth century, growth of the empire and systems of land settlements in the Colonial India.

UNIT - II

Transformation of the traditional village – economy during the British rule, Commercialization of agriculture – its causes and consequences, Emergence of agricultural labour as a category, movement of agricultural wages and prices during the period – problems of rural indebtedness.

UNIT – III

The state of industrial development in mid-nineteenth century in India, the de-industrialization thesis –its statement and validity, emergence of modern capitalist industrial enterprise in India – Textile (Jute and Cotton), Iron & Steel, Cement, Coal, Tea.

UNIT – IV

Foreign capital in Colonial India – its extent and impact; foreign-trade-growth and composition; Under-development of India during British rule; evolution of provincial finance; nature and problem of public debt; Economic drain from India – its form, extent and consequences.

TEXT BOOKS:

G. Kaushal: Economic History of India- 1757 to 1966. Kalyani Publishers, New Delhi.

REFERENCE BOOKS:

1. V B Singh (ed.): Economic History of India 1857-1956. Allied Publications Private Limited, Bombay, 1965.

2. Tirthankar Roy: The Economic History of India 1857-1947. Oxford University Press, 3rd edition, 2011.

SHES103	PRINCIPLES OF ECONOMICS	C
		4

Course Objective: The objective of this course is to:

- Understand the basic concept of principles Economics.
- Study Macro-Economics and its applications.

UNIT I

Exploring the subject matter of economics: Why study economics? Scope and Method of Economics; Economic Problem: Scarcity and Choice. Reading and working with Graphs; Production Possibility Curve. Positive and Normative Economics; Microeconomics and Macroeconomics.

UNIT II

Markets and welfare: determinants of individual demand/supply; demand/supply schedule and demand supply curve; markets versus individual demand/supply; shift in the demand/supply curve, demand and supply together; how prices allocate resources. Meaning and Types of Elasticity; consumer and producer surplus. Controls on Prices.

UNIT III

Macro-Economic concepts:

Basic issues in macroeconomics; measurement of gross domestic product; income, expenditure and the circular flow; real versus nominal GDP; price indices; national income accounting for an open economy; balance of payments: current and capital accounts. Aggregate Demand, Aggregate supply, Effective Demand. Concept of Business cycle.

UNIT IV

Money and Monetary Institutions: The nature of money; Demand for Money and supply of money, credit creation and monetary Policy. Types of Inflation.

TEXT BOOKS:

Mankiw, N. Gregory.: Principles of Economics, Cengage learning.

REFERENCE BOOK:

1. Chopra, P.N.: Principles of Economics, Kalyani Publishers.
2. Lipsey, R.G. & Chrystal, K.E.: Principles of Economics, Oxford University Press.

SHMA143	BASICS OF MATHEMATICS	C
		4

Course Objective: The objective of the course is to provide a brief knowledge of Mathematics to the BCA students. The students will learn about the Matrices, Sequence and Series, Differentiation and Integration.

UNIT 1

- (a) **Basic Mathematics:** Elementary Concepts of algebra, trigonometry and analytical coordinate geometry.
- (b) **Sequence and Series:** Introduction, Sequences, Series, Arithmetic Progression (A.P), Geometric Progression (G.P), Relationship Between A. M. and G.M., Sum to N terms of Special Series, Principle of Mathematical Induction.

UNIT II

Differentiation: Concept of function and types of functions; Limit, continuity and derivative; Rules of differentiation, Interpretation of revenue, cost, demand, supply functions; rules of partial differentiation and interpretation of partial derivatives; Problems of maxima and minima in single and multivariable functions; Simple problems in market equilibrium.

UNIT III

- (a) **Integration:** Concept of integration; simple rules of integration; Definite integrations application to consumer's surplus and producer's surplus.
- (b) **Determinants and Matrices:** Basic properties of determinants. Solution of simultaneous equations through Cramer's rule; concept of matrix-their types, simple operations on matrices, matrix inversion and rank of a matrix, Concept of vector-its properties; concept of quadratic forms- Eigen roots and Eigen vectors; Introduction to input-output analysis.

UNIT IV

Linear Programming: Basic concept, Formulation of a linear programming problem- Its structure and variables; Nature of feasible, basic and optimal solution; Solution of linear programming through graphical and simplex method; Statement of

basic theorems of linear programming; Formulation of the dual of a programme and its interpretation; Concept of duality and statement of duality theorems.

TEXT BOOKS

1. Monga, G. S. (1972) Mathematics and Statistics for Economists, Vikas Publishing House, New Delhi.
2. A Textbook of Mathematics for XI-XII Students, NCERT Publication Vol. I-II.

REFERENCE BOOKS:

1. Shanti Narayan, Integral calculus, Sultan Chand & Co.
2. Shanti Narayan, Differential calculus, Sultan Chand & Company.
3. Babu Ram, Engineering Mathematics, Pearson Education.
4. Allen, R.G.D. (1974), Mathematical Analysis for Economists, Macmillan Press and ELBS. London.
5. Chiang, A. C. (1986) Fundamental Methods of Mathematical Economics, McGraw Hill, New York.
6. Yamane, Taro (1975) Mathematics for Economists, Prentice Hall of India, New Delhi.

SHCH125	ENVIRONMENTAL STUDIES	C
		3

Course Objectives: This course in environmental studies will develop the

- Basic understanding about the concept related to environment such as eco system and biodiversity.
- Understanding about pollution and its control.
- Insight about the various concerns regarding environment such as population and social issues.

UNIT I

Introduction of Environmental Studies: Multidisciplinary nature of environmental studies; Scope and importance; Concept of sustainability and sustainable development.

Natural Resources: Renewable and Non-renewable Resources

Land resources: land use change; Land degradation, soil erosion and desertification.

Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations.

Water: Use and over-exploitation of surface and ground water, floods, droughts, conflicts over water (international & inter-state).

Energy resources: Renewable and non- renewable energy sources, use of alternate energy sources, growing energy needs, case studies.

UNIT II

Ecosystems: Definition and Structure and function of ecosystem; Energy flow in an ecosystem: food chains, food webs and ecological succession.

Case studies of the following ecosystems:

- a) Forest ecosystem
- b) Grassland ecosystem
- c) Desert ecosystem
- d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

Biological Diversity: Levels of biological diversity; genetic, species and ecosystem diversity; Biogeographic zones of India; Biodiversity patterns and global biodiversity hot spots ; India as a mega-biodiversity nation; Endangered and endemic species of India; Threats to biodiversity: Habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity; Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.

UNIT III

Environmental Pollution: Types, causes, effects and controls; Air, water, soil and noise pollution. Nuclear hazards and human health risks; Solid waste management: Control measures of urban and industrial waste; Pollution case studies.

Environmental Policies and practices: Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture.

Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act; Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context. International agreements: Montreal & Koyoto protocol and convention on biological diversity. Nature reserves, tribal population and rights, human wild life conflicts in Indian context.

UNIT IV

Human Communities and the Environment: Human population growth: Impacts on environment, human health and welfare; Resettlement and rehabilitation of project affected persons; case studies; Disaster management: floods, earthquake, cyclones and landslides; Environmental movements: Chipko, Silent valley, Bishnois of Rajasthan; Environmental ethics: Role of Indian and other religions and cultures in environmental conservation; Environmental communication and public awareness, case studies (e.g., CNG vehicles in Delhi).

Field work:

Visit to an area to document environmental assets: river/ forest/ flora/fauna, etc.

Visit to a local polluted site-Urban/Rural/Industrial/Agricultural.

Study of common plants, insects, birds and basic principles of identification.

Study of simple ecosystems-pond, river, Delhi Ridge, etc.

TEXT BOOKS:

Erach Bharucha, Textbook of Environmental Studies, Universities Press (P) Ltd., Hyderabad, India.

REFERENCE BOOKS:

1. Anubha Kaushik and C. P. Kaushik, Environmental Studies, New Age International, New Delhi.
2. A.K. De, Environmental Chemistry, New Age International, New Delhi.
3. P. H. Raven, D. M. Hassenzahl & L. R. Berg, Environment, John Wiley & Sons, New Delhi.
4. J. S. Singh, S. P. Singh and S. R. Gupta, Ecology, Environmental Science and Conservation, S. Chand Publication, New Delhi.

SEMESTER-II

SHES102	INDIAN ECONOMY SINCE INDEPENDENCE: PROBLEMS AND PROSPECTS-I	C
		4

Course Objective: Using appropriate analytical frameworks, this course reviews major trends in economic indicators and policy debates in India in the post-Independence period, with particular emphasis on paradigm shifts and turning points.

UNIT I

Introduction to Indian Economy – Basic characteristics and features of Indian economy. Changes in structure of Indian Economy (Primary Sector, Secondary Sector & Tertiary Sector). Economic Planning in India: Features, Objectives and Assessment of Indian Planning. (Plan wise details to be excluded).

UNIT II

Demographic features of Indian Economy: Inter-state disparities in the pattern of development; Structural Changes in the distribution of Income and Workforce in India; National Income: Growth and composition; Contribution of different sectors & growth pattern. Features of Population.

UNIT III

Poverty in India- concepts, incidence & extent of poverty in India, Inequality and Social Justice; Human Development Index, Gender Development Index. Poverty and unemployment in India. Programmes for eradication of poverty and unemployment with special reference to the post – reform era.

UNIT IV

Agriculture: Features of Indian Agriculture; Land relations and land reforms; technological aspects, rural credit; pricing of agricultural produce; Impact of Green Revolution on Indian Agriculture. Recent Trends in Agricultural Development, New Agricultural Policy.

TEXT BOOK:

Brahmananda, P.R. and Panchmukhi : The Development Process of Indian Economy, V.R. (eds.) 1987 Himalaya Publishing House, Bombay.

REFERENCE BOOKS :

1. Lucas ,E.B., and Papanek, G.F.: The Indian Economy- Recent Developments and (eds.) 1988 Future Prospects, Oxford University Press, New Delhi.
2. Jalan, Bimal 1992 : The Indian Economy – Problem and Prospects, Viking, New Delhi.
3. Byres, T J (Ed.) (1998): The Indian Economy: Major Debate Since Independence, Oxford University Press, New Delhi.
4. Economic Survey: Government of India. Various Issues.
5. Economic and Political Weekly: Various Issues.

SHES104	MICRO ECONOMICS - I	C
		4

Course Objective: The objective of this course is to:

- Understand the basic concept of principles Economics.
- Study Micro-Economics and its applications.

UNIT I

Consumer Behavior and Demand Analysis: Cardinal Utility Approach: Diminishing Marginal Utility, Law of Equi-Marginal Utility and consumer equilibrium. Derivation of demand curves. Ordinal Utility Approach: Indifference Curves, Marginal Rate of Substitution, Budget Line and Consumer Equilibrium. Properties of Indifference Curve. Price, Income and Substitution Effects.

UNIT II

(a) Concept of Cost and Revenue: Concept and types of Cost, Cost Function, Derivation of cost functions; derived demand for factors. Short Run Costs, Long Run Costs. Marginal revenue, Average revenue and Total revenue.

(b) Theory of Production: Meaning and Concept of Production, Factors of Production and production function. Fixed and Variable Factors. Law of Variable Proportion (Short Run Production Analysis), Laws of Returns to Scale (Long Run Production Analysis); Isoquants-Least cost combination of inputs; Expansion Path, Concepts of product line-Isocost line and ridge line and producers equilibrium, Cobb-Douglas and CES Production Functions.

UNIT III

Theory of Product Pricing-I: Perfect Competition: Price-output Determination in the Short and Long Run; Equilibrium of the Firm under Perfect Competition. Monopoly-short run and long run equilibrium, price discrimination, Concept and Conditions; Typology – First, Second and Third Degree Price Discrimination.

UNIT IV

Theory of Product Pricing-II –Monopolistic competition- equilibrium of the firm and the group with price variation, product differentiation and selling costs, excess capacity under monopolistic and imperfect competition; concept of oligopoly and duopoly.

TEXT BOOKS:

Mankiw, N. Gregory.:Principles of Economics, Cengage learning.
Dwivedi, D.N.; Managerial Economics, Vikas Publishing House.

REFERENCE BOOK:

3. Chopra, P.N.:Principles of Economics, Kalyani Publishers.
4. Lipsey, R.G. & Chrystal, K.E.: Principles of Economics, Oxford University Press.
5. Mehta, P. L.; Managerial Economics, Sultan Chand & Sons.
6. Koutsoyiannis, A.; Modern Micro Economics, Macmillan Press Ltd.
7. Salvator, Dominick, Managerial Economics, McGraw-Hill Book Company
8. Chaturvedi, D.D. and S. L. Gupta; Business Economics, Brijwasi Publishers.
9. Gould & Lajear Micro Economics.
10. Richard A. Bilas Micro Economic Theory
11. Paul, A. Samuelson Economics
12. R. H. Lefitwich The Price system and Resource Allocation.
13. Joseph E. Stiglitz Economics, W.W. Norton & Company, New York, London.

SHMA144	DIFFERENTIAL EQUATION AND OPTIMIZATION TECHNIQUE	C
		4

Course Objective: The objective of the course is to provide a brief knowledge of Mathematics to the BCA students. The students will learn about the Limits and Continuity, Differential Equations, Statistics, Linear Programming.

UNIT I

Statistics: Definition, Importance & Limitation of Statistics, Types of data, Data collection technique, Presentation of data- tabulation, bars, histogram, diagrammatic, Measures of central tendency – mean, median and mode.

UNIT II

Index Number : Meaning and importance of index number, construction of index numbers, Problems involved, Laspayer's and Fisher's Index Numbers. Factor Reversal test and time Reversal Test. Circular Test of Consistency. Fixed base and Chain base Index Numbers. Base shifting and splicing of Index Numbers.

UNIT III

Correlation and Regression : Meaning , assumptions and limitations of simple correlation and regression analysis; Pearson's product moment and Spearman's rank correlation coefficients and their properties; concept of the least squares and the lines of regression; Standard error of estimate; Partial and multiple correlation and regression (applications only).

UNIT IV

(a)Elementary Sampling Theory: Basic concept of sampling-random and non-random sampling; simple Random Sampling, Stratified Sampling.

(b)Probability: Definition and importance, various concepts of events, simple numerical exercises based on the addition theorem, the multiplication theorem, conditional probability and Baye's theorem, mathematical expectation, Bernouli's Theorem.

(c) Theoretical Frequency Distribution: Properties of Binomial, Normal and Poisson distribution. Simple Numerical Exercises, Tests of significance-Problems based on 't', chi-square and z-test.

TEXT BOOKS:

1. S.P. Gupta and V.K Kapoor, Fundamentals of Mathematical Statistics, Sultan Chand and Sons.
2. S.P. Gupta, and P.K.Gupta, Quantitative Techniques and Operations Research, Sultan Chand & Sons.
3. A textbook of Mathematics for XI-XII Students, NCERT Publication Vol. I-II.

REFERENCE BOOKS:

1. R.L.Rardin, Optimization in Operations Research, Prentice Hall.
2. Chiang, A. C. (1986) Fundamental Methods of Mathematical Economics, McGraw Hill, New York.
3. Monga, G. S. (1972) Mathematics and Statistics for Economists, Vikas Publishing House, New Delhi.
4. Allen, R.G.D. (1974) Mathematical Analysis for Economists, Macmillan Press and ELBS. London.
5. Yamane, Taro (1975) Mathematics for Economists, Prentice Hall of India, New Delhi.

SHES108	SOCIETY, CULTURE AND SOCIAL CHANGE	C
		4

Course Objective: This course explores the development of the structure and institutions of capitalist economies and their relationship to social and political forces.

UNIT I

Society: Tribal, Rural , Urban Industrial and Post Industrial : Its Nature, Definition & Types.

UNIT II

Culture: Its Nature, Definition & Types: Material and Non-Material Culture; Socialization: Its Importance, Processes and Stages; Social Control: Its Types and Means.

UNIT III

Process of Social Change: Industrialization, Secularization, Modernization & Globalization: Its Nature & Impact on Society.

UNIT IV

Concepts & Basis of Social Stratification: Caste, Class, Power & Gender

REFERENCE BOOKS:

1. Ahuja, Ram (1997): **Society in India: Concept, Theories and Recent Trends**, Jaipur: Rawat Publication.
2. Beteille, Andre (1992): **Backward Classes in Contemporary India**, New Delhi: OUP.
3. Dube, S.C.(1991): **Indian Society**, New Delhi : National Book Trust.
4. Ghurye, G.S. (1968): **Social Tension**, Bombay: Popular Prakashan.
5. Karve, Iravati (1961): **Hindu Society: An Interpretation**, Pune: Daccan College.
6. Mandelbaum, D.G. (1970): **Society in India**, Bombay: Popular Prakashan.
7. Sharma K.L.(ed.) (1994): **Caste and Class**, Jaipur, Rawat Publication.
8. Srinivas, M.N.(1980): **India's : Social Structure**, New Delhi : Hindustan Publication.
9. Srinivas, M.N.(1985): **Social Change in Modern India**, New Delhi : Orient Longman.
10. India: 2010 Govt. of India, New Delhi, Govt. of India publication division.

SHCS102	INFORMATION TECHNOLOGY FUNDAMENTALS	C
		3

Course Objective: The aim of this course is to familiarize the students with the computers, operating system, networking, and use of computers in data processing.

UNIT I

Basics of Computer and its evolution: Evolution of Computer, Data, Instruction and Information, Characteristics of computers, Various fields of application of computers, Various fields of computer (Hardware, Software, Human ware and Firmware), Advantages and Limitations of computer, Block diagram of computer, Function of different UNITS of computer, Classification of computer (i) On the basis of technology (Digital, Analog and Hybrid) (ii) On the basis of processing speed and storage capacity (Micro, Mini, Mainframe and Super) (iii). On the basis of Purpose (General & Special) Different Generation of computes (I to V), Types of software (System and Application), Compiler and Interpreter, Generation of Language (Machine Level Assembly, High Level, 4GL), Number Systems and their Inter-conversion.

UNIT II

Input and Output Devices: Keyboard, Mouse, Joystick, Digitizer, Scanner, MICR, OCR, OMR, Light Pen, Touch Screen, Bar Code Reader, Voice Input Device, Monitor and it's type (VGA, SVGA and XGA), Printer and it's type (Impact and Non-Impact with example), Plotter

Computer Memory: Primary Memory (ROM and it's types – PROM, EPROM,EEPROM, RAM) Secondary memory- SASD, DASD Concept, Magnetic Disks – Floppy disks, Hard disks, Magnetic Tape, Optical disks – CD ROM and it's types (CD ROM, CD ROM-R, CD ROM-EO, DVD ROM Flash Memory

UNIT III

Operating System Concept: Introduction to operating system; Function of OS, Types of operating systems, Booting Procedure, Start-up sequence, Details of basic system configuration, Important terms like Directory, File, Volume, Label, Drive name, etc.,

All Directory Manipulation: Creating directory, Sub directory, Renaming, Copying and Deleting the directory

File Manipulation: Creating a file, deleting, copying, and renaming a file.

UNIT IV

Concept of Data Communication and Networking: Networking concepts, Types of Networks (LAN, MAN, WAN), Communication Media, Mode of Transmission (Simplex, Half Duplex and Full Duplex), Analog and Digital Transmission, Network Topologies, Internet, Intranets, Extranets, Inter-networking devices

Office Productivity Software: Introduction to Word Processing, Spreadsheets and Presentation Software; Database management concepts, Comparison with Traditional File systems, DBMS Models and Concept of keys; Data Security concepts.

REFERENCE BOOKS:

1. Turban, Rainer and Potter. Introduction to Information Technology. John Wiley & Sons.
2. Saini, A.K. and Pradeep Kumar. Computer Applications in Management, Anmol Publications, N. Delhi.
3. ITL Education Solutions Ltd., Introduction to Information Technology, Pearson Education.
4. Sinha, Kr. Pradeep and Preeti Sinha; Foundations of Computing, BPB Publication, Latest Edition.
5. William Sawyer, Hutchinson. Using Information Technology, Tata McGraw Hill, Fifth Ed.

SHCS152	INFORMATION TECHNOLOGY FUNDAMENTALS LAB	C
		1

Course Objectives: The aim of this course is to perform various practical on the computers, operating system, office applications and use of computers in data processing.

1. Define block diagram of computer.
2. Learn to create directory, Sub directory, Renaming, Copying and deleting the directory

3. Learn to create a folder, copy files, move files, and delete files in Windows.
4. Use of multimedia applications using various multimedia tools.
5. Learn to use the menu commands of MS-Word to Create, Edit, Modify, Format a document.
6. Create a time table of your class in MS-Word using tables.
7. Learn to use Mail Merge concept in MS-Word.
8. Learn to use menu commands of MS-EXCEL to create and manipulate a spread sheet.
9. Learn to use arithmetic formulae in MS-EXCEL.
10. Plot graphs and charts in MS EXCEL.
11. Learn to use the menu commands of MS-Power Point.
12. Learn to apply slide effects and slide transitions in MS-Power Point PPT.
13. Adding multimedia effects in MS-PowerPoint PPT.

Learn to use basic DDL and DML commands in SQL.

SHMC319	BUSINESS ENVIRONMENT	C
		4

Course Objective: The purpose of this course is to make students understand the contemporary changes in various laws, forces and regulatory measures governing business operations in India.

Course Content:

UNIT I

Introduction to Indian business environment: Nature, structure and components of business environment; country risk, political risk and corporate adjustment; salient features of Indian economy with respect to current economic survey.

UNIT II

Economic reforms: Current monetary and fiscal policy environment; competitive environment and the Competition Act 2002; consumer and investor's protection; introduction corporate governance.

UNIT III

Introduction to background of industrial policy and industrial policy of 1991; public sector reforms; public private partnership-concept, significance and major government initiatives;

SMEs – threats and challenges; industrial sickness-concept, reason and impact; DFI's i.e. IDBI, IFCI and ICICI - concept and contribution to economy.

UNIT IV

Current scenario of Indian economy with respect to: Balance of payments; foreign trade policy; globalization trends; FII in India ; FDI in India; Foreign Exchange Management Act.

TEXT BOOK:

Cherulimum, F.(2015). *Business environment - Text & cases* (24thed.). New Delhi: Himalayas Publishing House.

REFERENCE BOOKS:

1. Mishra, S. K., &Puri, V. K. (2016). *Economic environment of business (With case studies)*.(9th ed.). New Delhi: Himalaya Publishing House.
2. Shukla, M. B. (2012). *Business environment - Text and cases*. New Delhi: Taxman.
3. Cherulimum, F.(2015). *International business environment* (2thed.). New Delhi: Himalayas Publishing House.
4. Saleem, S. (2015). *Business environment* (3rded.). Noida: Pearson India Education.
5. Ashwatthapa, K. (2016). *Essentials of business environment* (13thed.). New Delhi: Himalayas Publishing House.
6. Datt, G., &Sundaram, K. P. M.(2016). *Indian economy* (72nd ed.). New Delhi: S. Chand.
7. Ministry of Finance.(2016-17)*Economic Survey*. New Delhi: Government of India.
8. Ministry of Finance.(2017-18)*Union budget*. New Delhi: Government of India.
9. Bedi, S.(2012). *Business environment*. New Delhi: Excel Books.

SEMESTER III

SHES201	INDIAN ECONOMY SINCE INDEPENDENCE: PROBLEMS AND PROSPECTS –II	C
		4

Course Objective: Objective of this course is to acquaint students of the Indian Economy, present and future of Indian Economics, and how the Indian Economy is influencing the business environment in India context.

UNIT I

Economic Problems: Poverty, Inequality, Parallel Economy, Unemployment, Concentration of Economic Power, Balanced Regional Development, Capital Formation; Industrial Sickness; Trends in National Income in India.

UNIT II

Industrialisation in India: Growth and pattern of industrialisation; small-scale and large scale sector industries; Productivity in industrial sector, Public Sector enterprises and their performance; Problem of sick units in India; Privatisation and disinvestment debate. Recent Industrial policy.

UNIT III

Labour and employment: Progress of Industrial relations in India, Employment Policy, unemployment scenario, Work Force Participation and Changes in Occupational Structure in India. Labour market reforms.

UNIT IV

(a) Foreign Trade: Salient features of India's foreign trade- Direction and composition; Balance of payment, Balance of Trade, Trade Policy, Trade Reforms, Foreign Exchange Management Act (FEMA), Export Promotion and import substitution.

(b) WTO and India- TRIMS, TRIPS, Foreign Direct Investment, Foreign Institutional Investment.

TEXT BOOKS

1. Misra, S. K. and Puri, V. K, Indian Economy, Himalaya Publication.
2. Datt, and Sundhram, R, Indian Economy, 61st edition, S. Chand & Company Ltd

REFERENCE BOOKS:

1. Dhingra, I C, Indian Economy, Sultan Chand & Sons.
2. Agrawal, A.N., Indian economy, Vikas publications Ltd.
3. Jaiganta, Sarkar, Indian Economy: Policies and Practices, 1st edition, Pearson Education.
4. Prakash, B. A., The Indian Economy since 1991 – Economic Reforms & Performances, 1st edition, Pearson Education.

SHES203	MICRO ECONOMICS-II	C
		4

Course Objective: The objective of this subject is to give understanding of the basic concepts in Micro economics and their application in business decisions.

UNIT-I

Distribution: Determination of rent, wages, interest and profit; Classical and Neo-classical approaches, Elasticity of technical substitution, technical progress and factor shares. Theory of distribution in imperfect product and factor markets, Product exhaustion theorem.

UNIT-II

General Equilibrium and Economic Efficiency:- Exchange, production and welfare. The concept and conditions of Pareto optimality. Markets with asymmetric information: adverse selection, moral hazards, agency problems (concepts only).

UNIT-III

(a) Classical Welfare Economics:- The principle of Compensating variation, Hicksian types of consumer's surplus, Slutsky's approach to measurement of consumer's surplus, Compensation criteria, Hicks and Kaldor, Scitovsky's criterion.

(b) New Welfare Economics:- Social Optimum, Community indifference map, Samuelson's utility possibility curve, Bergson's Concept of Welfare and its Measurement, Social Welfare Function.

UNIT IV

Problems of non-market interdependence, externalities in production and consumption, External economies and diseconomies, Problems of Public Goods and negative spillovers, The Problem of Market Failure, uncertainty and non-existent and incomplete markets.

TEXT BOOKS:

Ahuja, H.L., Advanced Micro Economics, S. Chand & Company Ltd.

REFERENCE BOOKS:

1. Koutsoyiannis, A. (1979), Modern Microeconomics, (2nd Edition), Macmillan Press, London.
2. Kreps, David M. (1990), A Course in Microeconomic Theory, Princeton University Press, Princeton.
3. Layard, P.R.G. and A.W. Walters (1978), Microeconomic Theory, McGraw Hill, New York.

SHES205	DEVELOPMENT ECONOMICS - I	C
		4

Course Objective: The objective of this course is to:

- Familiarize with some central themes and issue of Economic Development.
- To understand the concept of Inequality and development, Major Growth Models etc,

UNIT I

Growth and Development: Conceptual issues; Determinants of Economic Growth; Basic Requirements for Economic Growth. Traditional Measures of Economic Development -National income and per capita income, UNDP indices for measurement of Development. Stationary State and Steady State Growth.

UNIT II

Theories of Economic Development

Theories of Economic Growth: Classical growth theory (Smith, Ricardo, Malthus and, Mill); Marxian model; Schumpeter's Theory.

UNIT III

Labour Supply and Economic Growth

Lewis' Theory of Unlimited Supply of Labour, Ranis-Fie Model; Leibenstein's Critical Minimum Effort Thesis; balanced growth, unbalanced growth; Rosenstian rodan's Theory of Big-Push.

UNIT IV

Approaches to Economic Development

Vicious circle of poverty, Myrdal's-Backwash Effects and circular causation, , Harris Todaro Modal of Migration and Arrow's Learning by Doing. Nelson's Low Level Equilibrium Trap; Rostow's stages of Economic Growth, Marx stages of Economic Growth.

TEXT BOOKS:

1. Jhingan M.L., —The Economics of Development and Planning, Vrinda Publications (P)Ltd
2. Mishra, S. K. & Economics of Development and Planning. Puri, V. K.
3. Higgins (1968), Economic Development, WW Norton & Co.

REFERENCE BOOKS:

1. Thirlwall, A. P., Growth and Development, Seventh edition, Palgrave Macmillan, New York.
2. Ray, Debraj (2004), —Development Economics, Seventh impression, Oxford University Press, New Delhi.
3. Todaro, Michael P. and Stephen C Smith., —Economic Development, Pearson Education, (Singapore) Pvt. Ltd., Indian Branch, Delhi.
4. Meier, Gerald M. and James E. Rauch., “*Leading Issues in Economic Development*”, Oxford University Press, New York.

SHES207	MONEY & BANKING	C
		4

Course Objective: The objective of this course is to:

- To learn and understand basic Economic concepts related to Money & Banking and Various approaches of Money.
- To use Economic theory to analyze topics related to money and banking.

UNIT-I

Money :- Meaning & Functions, Classification, Supply of Money- Approaches to Supply of Money. High Powered Money and Money Multiplier, Measurement of Supply of Money in India, Demand for Money- Conventional, Neo-Classical and Keynes' Approaches,

UNIT-II

Value of Money :- Cash Transaction Approach, Cash Balance Approach; Keynes' View on Value of Money, Theories of M. Friedman, Patinkin, Baumol and Tobin.

UNIT-III

Inflation-Definition & Types, Causes and Effects of Inflation; Demand-pull and Cost-push Inflation, Inflationary Gap and Double Inflationary Gap (Bent Hanson); Inflation and Unemployment-The Phillips Curve-Short run & Long run, Measures to Control Inflation.

UNIT -IV

Banking- Meaning and Functions of commercial banks, Process of Credit Creation, Recent Reforms in Banking Sector in India. Central Banking- Role and Functions; Methods of Credit Control, Objectives & Limitations of Monetary Policy with Reference to India.

TEXT BOOKS:

Suraj B.Gupta: Monetary Economics: Institutions, Theory & Policy, S.Chand & Company Ltd.

REFERENCE BOOKS:

1. T.N Haneja: Money Banking and Public Finance, Ane Books Pvt. Ltd, New Delhi.
2. Jhingan M.L.: Macro Economic Theory, Vrinda Publications (P)Lt
3. Ahuja, H.L.: Macro Economics Theory and Policy, S. Chand & Company Ltd.
4. T.T. Sethi: Money Banking and International Trade, S.Chand & Company Ltd.
5. E.Narayanan Nadar: Money and Banking, PH1 Learning Pvt Ltd. New Delhi.
6. Jadhav Narendra: Monetary Policy, Financial Stability and Central Banking, Macmillan.

SHMA120	BUSINESS STATISTICS	C
		4

Course Objective: In the current scenario the managers are having large amount of information and data pool available with them. But to make adequate decisions relying upon these data sets is creating hurdles in their overall development as Business Managers. With regards to this the “Business Statistics” course outline will help them in making quality

decisions and thereby minimizing their risk factors. The course is designed to enable students to think and act rationally by using statistical applications and reasoning in their business world. The broad objectives of this course are:

UNIT I

Overview of Business Statistics: Definition, important and limitations; Functions and scope of statistics; Types of data; Data collection techniques; Presentation of data- tabulation, charting and diagrammatic

UNIT II

Measures of Central Tendency and Variation: Central tendency- mean, median, mode, partition values; Variation – range, quartile deviation, average deviation, standard deviation, Lorenz curve; Skewness, moments and kurtosis

UNIT III

Correlation and Regression analysis: Significance of study of correlation; Correlation and causation; Types of correlations; Measurement of correlation (Karl Pearson's methods, Spearman's rank correlation); Difference between correlation and regression; Bivariate regression model & regression equations of Y on X; Index Numbers; Times series analysis.

UNIT IV

Sampling & Tests of Hypothesis: Sampling and Sampling Distributions; Procedure of hypothesis testing; Type I and Type II errors; One tailed and two tailed tests; Testing of hypothesis w.r.t. small and large samples, about population means, difference between means, attributes, population proportion and difference between two proportions; t-test, z-test and Chi-square test;

TEXT BOOKS:

1. Business statistics By S.N. Arora S. Chand Publication
2. Business Statistics for Contemporary Decision Making, by Ken Black, John Wiley & Sons (Asia) Pte. Ltd., Singapore.

REFERENCE BOOKS:

1. Statistics for Management- by Richard Levin & David S. Rubin, Pearson Education.
2. Statistics for management – by Gerald Keller, Cengage Learning.
3. Complete Business Statistics Amir D Aczel & Jayavel Sounderpandyan.
4. Introductory Statistics by Weiss. Seventh edition, Pearson education.
5. Business Statistics – by J. K Sharma, Pearson education.
6. Statistics for Management - by T N Srivastava and Shailaja Rego, The McGraw-Hill companies.

SHMC211	HUMAN RESOURCE MANAGEMENT	C
		4

Course Objective: The primary concern of this course is to develop an appreciation of effective management of human resources and to enable the students to meet HR challenges in present scenario.

UNIT I

Introduction to HRM: Concept, Nature, Scope, Objectives and Importance of HRM; Evolution of HRM; Personnel Management vs HRM ; Functions of HRM ;Challenges of HRM; Strategic HRM ; HRIS; International HRM; HRM in Changing Environment.

UNIT II

Acquisition of Human Resources: HR Planning; Job Analysis – Job Description and Job Specification; Recruitment; Selection Process, Placement, Induction, Socialization.

UNIT III

Developing Human Resources: Training and Development; Executive Development – Process and Techniques; Career Planning and Development; HRD.

UNIT IV

Managing Performance & Compensation: Performance and Potential Appraisal; wage and salary administration; Incentive compensation, significance; Employee Welfare; Health and Safety, Social Security.

TEXT BOOK:

1. Dessler, Gary, (2011) Human Resource Management, Pearson Education, (2nd Edition),

REFERENCE BOOKS:

1. Aswathappa, K., Human Resource Management, McGraw Hill Education.
2. VSP Rao, Human Resource Management, Excel Books.
3. C.B. Gupta, Human Resource Management, Sultan Chand & Sons.
4. Jyothi, P. and Venkatesh, D.N, Human Resource Management, Oxford Higher Education.

SEMESTER IV

SHES202	PUBLIC ECONOMICS	C
		4

Course Objective: The main objective of the course is to:

- Discuss the use of taxes and public expenditures for promoting socially efficient resource allocation and a desirable income distribution.
- The analysis of tax policy will highlight on the one hand harmful market effects of taxes and on the other hand the role of taxes in supporting public provision of goods and services.
- On the expenditure side, assessment of public projects is essential.

UNIT-I

Introduction to Public Finance: Nature, Scope and Importance. Positive vs. Normative Public Finance. Theory of Maximum Social advantage. Concept of Market failure, Role of Government in the Economic Activity; Allocation, Distribution and Stabilisations, Public, Private and Merit Goods, Optimal provision of public goods.

UNIT-II

Government Budgets: Government budget and its structure; Receipts and expenditure Economic and functional classification of the budget; concepts of current and capital account. Balanced, surplus, and deficit budgets; balanced budget multiplier; budget as an instrument of economic policy. Types of Deficits; Budget deficit vs. fiscal deficit; revenue deficit, primary deficit; deficit budgeting. Concept of Performance and Programme Budgeting, zero based budgeting, government policy and its impact.

UNIT-III

Public Expenditure: Public Expenditure: Objectives, Allocation, Distribution and Stabilization; canons of Public Expenditure, causes of growth of public expenditure. Wagner's Law of increasing state activities; Peacock-Wiseman Hypothesis. Effects of public expenditure on production, growth, distribution and stabilization.

UNIT-IV

Public Revenue: Sources of Public Revenue; Taxes: Classification of Taxes, Principles of taxation; Canons of Taxation. Ability to Pay and Benefit Approach, Incidence and Shifting of Tax Burden. Major Taxes in India, The Concept of Goods and Service Tax (GST). Effects of taxation on production, growth, distribution and allocation of resources. Trade-off between equity and efficiency, Laffer curve analysis.

TEXT BOOKS:

1. Lekhi, R. K., Singh, Joginder: Public Finance, Kalayani Publishers.

REFERENCE BOOKS:

1. Hajela, T.N. 'Public finance. (4th Ed.) Ane Books Pvt Ltd, 2010.
2. Musgrave, R & Musgrave, P B: Public Finance in Theory and Practice. McGraw – Hill International Eds.
3. Peacock, and Straw, G K (1970): The Economic Theory of Fiscal Policy
4. Chelliah, R C (1996): Sustainable Growth, Essays on Financial and Fiscal Sector Reforms, Oxford University Press.
5. Raghbendra Jha (1999): Modern Public Economics, Rotledge
6. Govt. of India, Ministry of Finance: Sarkaria Commission Report on Centre State Financial Relations.

SHES204	MACRO ECONOMICS-I	C
		4

Course Objective: The main objective of the course is to:

- Understand the forces determining macroeconomic variables such as inflation, unemployment, interest rates, and the exchange rate
- To use basic economic principles to be able to predict how changes in policy are expected to impact the economy.

UNIT-I

The origin and development of Macro Economics

Goals and Instruments of Macroeconomics. Supply and Demand in Macroeconomics, macroeconomic equilibrium; Macro-Statics & Macro-dynamics. Brief history and Schools of Macroeconomics – Classical, Neo Classical, Keynesian and Neo Keynesian.

UNIT-II

National Income Components - Circular flow of income in two, three and four sector economy. The Classical System: Say's Law of Market, Classical theory of Employment, saving and Investment theory, wage and price flexibility, criticisms of classical theory.

UNIT-III

The Keynesian Model: The components of aggregate demand The derivation of aggregate demand and supply curves – the Keynesian aggregate demand with vertical aggregate supply curve – sources of wage rigidity and unemployment – the flexible price with fixed money wage model – labour supply and money wage – the shift in aggregate supply Keynes vs. Classics.

UNIT-IV

Consumption Function: The Absolute Income Hypothesis, the Relative Income Hypothesis, the Permanent Income Hypothesis and other factors influencing consumption. Investment, Multiplier, Accelerator, Accelerator Multiplier interaction, Savings-Investment Equilibrium.

TEXT BOOKS:

1. Ahuja, H.L.,— Macro Economics Theory and Policy, S. Chand & Company Ltd.
2. Jhingan M.L., —Macro Economic Theory, Vrinda Publications (P)Ltd

REFERENCE BOOKS:

1. R T Froyen (2008), Macroeconomics, Theory and policies, Prentice Hall.
2. Gardner Ackley (1978), Macroeconomics, Theory and Policy, Macmillan Library
3. Shapiro, E. —Macroeconomics analysis. Harcourt Brace Jovanovich.
4. Mankiw N. Gregory: (2007) —Principles of Economics, Thomson, Indian Reprint.
5. Dwiwedi, D.N. —Macro Economics. Tata McGraw Hill, New Delhi.
6. Lipsey R.G. and K.A. Christal (1999) —Principles of Economics 9th Ed., Oxford University Press.

SHES206	DEVELOPMENT ECONOMICS-II	C
		4

Course Objective: The objective of this course is to:

- Familiarize with some central themes and issue of Economic Development.
- To understand the concept of Inequality and development, Major Growth Models etc,

UNIT I

- (a) Choice of Techniques and appropriate Technology:** Capital intensive versus Labour intensive techniques, Elementary Idea of Cost-Benefit Analysis, Technical Progress-Hicksian view, the capital controversy.
- (b) Capital formation: Meaning and sources;** capital output ratio; Human capital: concept and utilization. Foreign aid and Economic Development, Transfer of technology.

UNIT II

Models of Economic Growth: Growth models – The Harrod-Domar analysis and Mahalanobis growth model (4-sector). Neo-classical growth models – Solow and Meade, Mrs. Joan Robinson's growth model, Kaldor model of economic growth—Technological progress – embodied and disembodied technical progress, Hicks and Harrod neutral technical progress.

UNIT-III

Inequality and Development: Meaning, Measurement, Lorenz Curve, Kuznets Inverted U Shape curve, Inequality and Development:-Inter connection Population Growth and Economic Development.

UNIT IV: External Sector in Growth & Development

Trade Policies: Import-substitution and Export-led growth – domestic demand-led growth – Dual gap analysis ,International Development Institutions. Domestic and international measures for economic development: capital formation, human capital, population, foreign trade, foreign investment.

TEXT BOOKS:

1. Jhingan M.L., —The Economics of Development and Planning, Vrinda Publications (P)Ltd
2. Mishra, S. K. & Economics of Development and Planning. Puri, V. K.
3. Higgins (1968), Economic Development, WW Norton & Co.

REFERENCE BOOKS:

1. Thirlwall, A. P.,—Growth and Development, Seventh edition, Palgrave Macmillan, New York.
2. Ray, Debraj (2004), —Development Economics, Seventh impression, Oxford University Press, New Delhi.
3. Todaro, Michael P. and Stephen C Smith., —Economic Development, Pearson Education, (Singapore) Pvt. Ltd., Indian Branch, Delhi.
4. Meier, Gerald M. and James E. Rauch., “*Leading Issues in Economic Development*”, Oxford University Press, New York.
5. Kuznets, S (1966) Modern Economic growth, Rate Structure and Spread, Vakils, Feffer and Simons Private Ltd, Bombay.

SHES208	ECONOMICS OF AGRICULTURE	C
		4

Course Objective: The objective of this course is to:

- To demonstrate a basic knowledge of the principles of economics and their application to agricultural problems.
- To demonstrate a basic knowledge of the role of agriculture in Indian economy.

UNIT-I

Introduction: Agricultural Economics: Meaning, Nature and Scope, Role of agriculture in economic development. Agricultural Inputs: Seeds, Fertilizers, Irrigation, Agricultural credit sources in India and their comparative importance.

UNIT-II

Production Function Analysis: Factor-Product, Factor-Factor and Product-Product relationship. Supply Function: Response of production to prices and non-price incentives; Cobweb models; Nature of supply curves. Types of farm organizations and organizations and their comparative production efficiency.

UNIT-III

(a) Agricultural Prices: Relation between cost and price, Profit maximization in agriculture. Role of Commission for Agricultural Cost & Prices, Dual Prices; Agricultural taxation and subsidies in India.

(b) Transformation of Agriculture: Schultz thesis of transformation of traditional agriculture and Green Revolution in Indian agriculture.

Agricultural Markets: Aim, Types and Functions of agricultural markets, Criteria for judging efficiency of agricultural market systems.

UNIT-IV

Agricultural Price Policy: Need, Objectives, and instruments of agricultural price policy; Agricultural price policy in India. Agriculture and External Sector: International trade in agricultural commodities, The World Trade Organisation and agreements and its effects on Indian agriculture.

TEXT BOOKS:

Lekhi, R. K., Singh, Joginder: Agricultural Economics: An Indian Perspective, Kalayani Publishers.

REFERENCE BOOKS:

1. Soni R.N. (2003) : Leading Issues in Agricultural Economics , Shoban Lal Nagin Chand & co., Jalandhar
2. Mellor, J.W. (1968) : The Economics of Agriculture Development council University Press , NEW YORK
3. Schultz, T.W.(1964) : Transforming Traditional Agriculture, Lyall Book Depot, 1970
4. Amarjit singh (1997) Publishing Himalaya Publishing House, New Delhi Dorner Peter (1972): Land Reforms & Agricultural Development.
5. Kahlon, A.S. (1982): Agriculture Price Policy in India.

SHES212	DEMOGRAPHY	C 4
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The main objective of this paper is

- To make the students aware of the importance of population in economic development.

- To enhance the ability of students to understand the quantitative and the qualitative aspects and characteristics of the population through various demographic techniques.

UNIT 1:

Theory of optimum population; Stages of demographic transition. Population and Economic Development: Inter-relationship between population and economic development; population growth and unemployment; population and human capital formation.

UNIT 2:

- (a) Demographic Measurements: Mortality measures; infant mortality; measurement of fertility, gross and net reproduction rates.
- (b) Population Projection: Life-table; logistic curve; components methods; Naptiality and its measurement.

UNIT 3:

International aspects of Population: Unequal distribution of population and world resources. Migration: Temporary and Permanent; Ageing societies: Benefits and Costs; India's Demographic Dividend.

UNIT 4:

Demographic Profile in India: Sources of population data in India. Growth rate of population; birth and death rates; life expectancy; density; rural-urban ratio; sex ratio literacy; ; poverty profile. Population explosion and India's population policy. Family welfare programmes in India.

TEXT BOOKS:

1. M. Spiegelmen: Introduction to Demography
2. Ashok Mitra: India's Population: Problem of quality and Control
3. Chenery H. and T.N. Srinivasan: Hand Book of Development Economics

REFERENCE BOOKS:

1. G. W. Barclay: Techniques of Population Analysis
2. P. M. Hamfer et al.: The Study of Population
3. J. J. Spenglar, et al.: Demographic Analysis
- 4 A. Bose : Studies in India's Urbanisation
5. A. Bose: India's Basic Demographic Statistics.
6. S. N. Agarwal: India's Population Problems
7. M. Seth: Women and Development.

SHMC310	ENTREPRENEURSHIP	C 4
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Course Objective: It provides exposure to the students to the entrepreneurial cultural and industrial growth so as to prepare them to set up and manage their own small units.

UNIT-I

Entrepreneurship – Concept, knowledge and skills requirement, characteristics of successful Entrepreneurs, role of entrepreneurship in economic development, entrepreneurship process, factors impacting emergence of entrepreneurship, managerial vs. entrepreneurial approach and emergence of entrepreneurship

UNIT-II

Creating Entrepreneurial Venture – Environmental scanning, competitor and industry analysis; feasibility study – market feasibility, technical/operational feasibility, financial feasibility; drawing business plan; preparing project report; presenting business plan to investors

UNIT-III

Sources of Finance – Debt or equity financing, commercial banks, venture capital; financial Institutions supporting entrepreneurs; legal issues – intellectual property rights patents, trademarks, copy rights, trade secrets, licensing, franchising

UNIT-IV

Role of Central and State Governments in promoting entrepreneurship – Start-up India, Standup India, PM Yuva Yojna, NITI Aayog, Various incentives, subsidies, fiscal and tax concessions; agencies in entrepreneurship development – District Industries Centres (DICs), Small Industries Service Institute (SISI), Entrepreneurship Development Institutes of India (EDII); Women Entrepreneurs – role, problems, prospects

TEXT BOOKS:

1. Hisrich, Robert D., Michael, P., & Dean, S. Entrepreneurship. New Delhi: Tata McGraw Hill.

REFERENCE BOOKS:

1. Barringer, B. R., & Ireland, R. D. Entrepreneurship. New Jersey (USA): Pearson Prentice Hall.
2. Lall, M., & Sahai, S. Entrepreneurship. New Delhi: Excel Books.
3. Charantimath, P. Entrepreneurship Development and Small Business Enterprises. New Delhi: Pearson Education.

4. Kuratko, D., & Hodgetts, R. Entrepreneurship. New Delhi: Cengage Learning India Pvt. Ltd.

SEMESTER – V

SHES301	HISTORY OF ECONOMIC THOUGHT - I	C
		4

Course Objective

The goals of the course are:

- That the students learn and remember the major bodies of economic thought
- That the application of these ideas becomes part of the student's day to day thinking
- That the student's ability to write in an academic manner improves qualitatively; and
- Describe the contributions of the main economic thinkers and their connections to current methodological developments.

UNIT I

Mercantilism: main characteristics; Physiocracy: natural order, primacy of agriculture, social classes, Tableau Economique, and taxation.

UNIT II

The Classical System : Adam Smith- Division of labour, Theory of value and distribution; David Ricardo- Theory of value and distribution, T.R. Malthus- Theory of population and the theory of Glut.

UNIT III

J.S. Mill-Laissez faire and protection, J.B.Say- The law of markets, K.Marx- Theory of value; Theory of capitalist competition. Subjectivism and Marginalism.

UNIT IV

The Historical Schools : H.H. Gossen; W.S. Jevons; G. Cassel, The Austrian School: K. Menger; Bohm-Bawerk. L. Walras: General equilibrium analysis. The Mathematical School: A. Cournot; F.V. Edgeworth; I. Fisher, The American contribution: J.B. Clark; A. Walker; J.A. Schumpeter.

Basic Reading List :

1. Smith, A. An Enquiry into the Nature & Causes of the Wealth of Nations.
2. Ricardo, D. Principles of the Political Economy and Taxation.
3. St. Clair, O. A Key to Ricardo.
4. Saraffa, P, (ed) Works of David Ricardo.

SHES303	MACRO ECONOMICS-II	C
		4

Course Objective: The main objective of the course is to:

- Understand the forces determining macroeconomic variables such as inflation, unemployment, interest rates, and the exchange rate
- To use basic economic principles to be able to predict how changes in policy are expected to impact the economy.

UNIT I

Macro-Economic Policies

Monetary and Fiscal Policy- Targets and instruments; The Great Depression; Lags in the effects of policies; Expectations and Reactions; Uncertainty and Economic Policy; Economic Policy - Rules vs Discretion.

UNIT II

Theory of Inflation: Concept – Types – Categories, Excess demand Inflation Keynesian Income Expenditure approach, Inflationary gap –Cost push Inflation – Wage Push and profit push inflation, Phillips curve Controversy, Tobins modified Phillips Curve, Policies to control inflation.

UNIT III

IS-LM Model: The goods market and derivation of IS curve – real influences and Shift in IS schedule – the money market and derivation of LM curve – the shift in LM curve – determination of equilibrium income and interest rates, the liquidity trap – the implications of increase in money supply, the relative efficacy of fiscal and monetary policy.

UNIT IV

a) The Mundell-Fleming model: Determining equilibrium output in a small open economy – the monetary and fiscal policy under flexible and fixed exchange rates regimes; the Mundell Flemming model with changing price level.

b) Theory of Business Cycles: Business Cycle Theories of Schumpeter, Kaldor, Samuelson and Hicks; Control of business cycles – relative efficacy of monetary and fiscal policies.

TEXT BOOKS:

3. Ahuja,H.L.,— Macro Economics Theory and Policy, S. Chand & Company Ltd.
4. Jhingan M.L., —Macro Economic Theory,Vrinda Publications (P)Ltd.

REFERENCE BOOKS:

1. R T Froyen (2008), Macroeconomics, Theory and policies, Prentice Hall.
2. Gardner Ackley (1978), Macroeconomics, Theory and Policy, Macmillan Library
3. Shapiro, E. —Macroeconomics analysis. Harcourt Brace Jovanovich.
4. Mankiw N. Gregory: (2007) —Principles of Economics, Thomson, Indian Reprint.
5. Dwiwedi, D.N. —Macro Economics. Tata McGraw Hill, New Delhi.
6. Lipsey R.G. and K.A. Christal (1999) —Principles of Economics 9th Ed., Oxford University Press.

SHES305	BASICS OF FINANCIAL MARKETS	C
		4

Course Objective: The objective of this course is to:

- Provide a self-contained study of the principles of financial economics.
- Explain basic financial and managerial accounting principles.
- It includes a critical discussion of the efficient markets theory, an overview of quantitative methods in finance, considers risk aversion in the context of utility theory.

UNIT I

Financial System: Concept and functions of Financial System; Role of Financial Market and Institutions. Financial system and economic development, Equilibrium in Financial Markets, Assessment and management of risk and return in financial institutions. Interest Rate Analysis and yield curve.

UNIT II

Banking System: Meaning and Functions of Banking; Types of Banks; Commercial Banks, Banking law and regulation, Functions of RBI Credit and Monetary Planning. Capital Adequacy and NPAs.

UNIT III

Money Market: Introduction, Meaning Definitions, Characteristics and Functions of Money market; Call Money Market; Treasury bill market; Commercial Papers Market; Certificate of Deposit Market; Giltedged Securities Market; Repo Market. Recent Developments in Indian Money Market.

UNIT IV

Capital Market: Introduction, Meaning, Objectives, Importance and Functions of Capital Market; Financial instruments and market functionaries in primary capital Market. Characteristics and Functions of Stock Exchange; Procedure for dealing at Stock Exchanges; Trading system- Clearing and settlement mechanisms; Concepts and Types of Derivatives; Futures and Options.

TEXT BOOKS

1. Bhole, L.M. (1999), Financial Institutions and Markets, Tata McGraw Hill Company Ltd., New Delhi.
2. Khan, M. Y. : Indian Financial System
3. Goldsmith, R. W. : Financial Structure and Development

REFERENCE BOOKS

1. Johnson, H.J. (1993), Financial Institutions and Markets, McGraw Hill, New York.
2. Smith, P.F. (1978), Money and Financial Intermediation: The Theory and Structure of
3. Financial System, Prentice Hall, Englewood-Cliffs, New Jersey.
4. Prasad. K. N. : Development of India's Financial System.

SHES307	ECONOMICS OF INDUSTRY	C
		4

Course Objective: This course intends to provide knowledge to the students on the basis issues such as productivity, efficiency, capacity utilization and debates involved in the industrial development of India. The objective is to provide a thorough knowledge about the economics of industry in a cogent and analytical manner, particularly in the Indian context.

UNIT I

Industrialization and its importance; problems of industrialization in the developed and developing economies. Location of Industry: different theories of location; factors affecting location of an industry; localization and decentralization of industries; diversification and integration of industrial units.

UNIT II

Project Appraisal: Cost-benefit analysis; net present value and internal rate of return criteria. Industrial Finance: Types of finance-equity debentures, public deposits, loans from banks and institutional finance. The financial ratios and their analysis.

UNIT III

Indian Experience: Industrial policy (Recent); industrial progress under the Plans; growth of public enterprises; problems of management; efficiency and pricing in public enterprises.

UNIT IV

Industrial finance; problems of small scale and cottage industries; growth of concentration and monopoly; multinationals; industrial sickness; industrial relations; workers' participation in management.

TEXT BOOKS

1. R. R. Barthwala : Industrial Economics.
2. B. N. Dutta : Economics of Industrialization.

REFERENCE BOOKS

1. S. C. Kuchhal : The Industrial Economy of India.
2. J. S. Bain : Industrial Organizations
3. Alak Ghosh : Indian Economy-Its Nature and Problems
4. C. N. Vakil (ed.) : Industrial Development of India.
5. J. N. Bhagwati & : Planning for Industrialization.
6. P. J. Devine, et al. : An Introduction to Industrial Economics.
7. L. C. Gupta : the Changing Structure of Institutional Finance in India.
8. Dalip S. Swamy : Multinational Corporations and the World Economy.
9. V. B. Singh : Multinational Corporations and India.

SHES309	INTERNATIONAL ECONOMICS - I	C
		4

Course Objective: This course introduces undergraduate students to the theory of International Economics and its application to the real world. Upon completion of this course students will be able to:

- Compare alternative theories of international trade
- Analyze and test international trade models
- Evaluate the impact of tariffs and non-tariff barriers

UNIT I:

International Trade: Interregional and International trade, International trade and growth, Production Possibility Curve, Community Indifference Curves, Offer Curves.

UNIT II:

Absolute and Comparative Advantage, Theory of comparative Cost Advantage, Theory in terms of Opportunity Costs, The Heckscher-Ohlin Theory, The Leontief's paradox, The Rybczynski Theorem, Trade and Imperfect Competition.

UNIT III:

Reciprocal Demand, Terms of Trade, Gains from Trade; J. S. Mill and Modern View, Factors affecting terms of trade. Terms of Trade and Economic Development, Singer and Prebisch thinking on terms of trade and underdeveloped economies.

UNIT IV:

Free trade versus protection. Theory of tariff: effects of tariff in terms of partial equilibrium and general equilibrium approaches. Concepts of effective tariff and optimum tariff. Quotas: effects of quotas, dumping, State trading. Nontariff barriers; Nominal, effective and optimum rates of tariffs their measurement. A general theory of customs union. Tariff versus quotas.

TEXT BOOKS

1. M. L. Jhingan: International Economics
2. M. C. Vaish and : International Economics. Sudama Singh
3. Mannur, H.G (2000). International Economics.

REFERENCE BOOKS

1. Salvatore, D. (1997), International Economics, PHI, New York.
2. Sodorston, Bo. (1991), International Economics, The Macmillan Press Ltd. London.
3. Pilbeam, Keith (1998): International Finance, Palgrave.
4. Mithani, M. D () International Economics.
5. Bhagwati. J (1981), International Trade, Cambridge University Press, London.

SHEL317	RESEARCH METHODOLOGY- AN INTRODUCTION	C
		6

Course Objectives:

- To make students understand the meaning and purpose of a research work.
- To enable students to practice scientific approach
- To develop the attitude and skill of writing a research paper

UNIT-I

Introduction:- Definition of the term ‘Research’; Research process; Characteristics; Objectives, Research & Scientific Method; Criteria of a good research

UNIT-II

Types of Research: Descriptive vs. Analytical Research; Applied vs. Fundamental Research; Quantitative vs. Qualitative Research; Conceptual vs. Empirical Research; Current trends in Research

UNIT-III

Research Process: Research problem; Research questions; Research methods & Research methodology; Formulation of hypothesis; Data collection

UNIT-IV

Writing a Research Paper: Structure of a Research paper; Literature Review; Citation methods; Research Ethics

REFERENCE BOOKS :

1. Kothari C.K. (2004), 2/e, Research Methodology, - Methods and Techniques (New Age International, New Delhi)
2. Kumar K. L.' (1997), Educational Technology, New Age International (P) Ltd., New Delhi.

SEMESTER VI

SHES302	HISTORY OF ECONOMIC THOUGHT - II	C
		4

Course Objective

The goals of the course are:

- That the students learn and remember the major bodies of economic thought
- That the application of these ideas becomes part of the student's day to day thinking
- That the student's ability to write in an academic manner improves qualitatively; and
- Describe the contributions of the main economic thinkers and their connections to current methodological developments.

UNIT I

Neo classicism and After: A. Marshall and his system of equilibrium, K. Wicksell & the Swedish School, Economics of welfare: A.C. Pigou, A.P. Learner, V. Pareto.

UNIT II

J. M. Keynes & his policies; Post-Keynesian and Neo-Keynesian approaches, Neo Walrasian approach to general equilibrium.

UNIT III

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 and trusteeship.

UNIT IV

Early approaches to planning (The national planning committee); Gadgil: co-operation as a way of life and strategy of development; J.K. Mehta: Wantlessness.

Basic Reading List :

1. Smith, A. An Enquiry into the Nature & Causes of the Wealth of Nations.
2. Ricardo, D. Principles of the Political Economy and Taxation.
3. St. Clair, O. A Key to Ricardo.
4. Saraffa, P, (ed) Works of David Ricardo.

SHES304	ECONOMICS OF PUBLIC FINANCE	C
		4

Course Objective: This paper combines a thorough understanding of fiscal institutions with a careful analysis of the issues which underline budgetary policies in general and Indian experience in particular.

UNIT I

Public Expenditure: Expenditure on revenue account and capital account; Development and non-development expenditure; Plan and non-plan expenditure; General trend of Government of India expenditure; Expenditure of State Governments; Fiscal Responsibility and Budget Management Act 2003 (key features); Key features of State finances.

UNIT II

Union and State Government Taxes: Direct and Indirect Taxes; Sufficiency Issue; The problems of tax compliance and tax evasion, The effect of unaccounted money on social and economic system. Sources of state revenues, Value Added Tax (VAT), Goods and Services Tax (GST), Major trends of State Revenue.

UNIT III

(a) Public Debt – Objectives and Sources of Public Debt; Classification and Effects of Public Debt on economic growth; Burden Controversy of Public Debt – Classical Theory, Modern Theory, Buchanan Thesis, Public Debt Management and Redemption of Public Debt.

(b) Fiscal Policy: Fiscal policy for stabilisation- automatic vs. discretionary stabilisation, Balanced budget multiplier, Compensatory finance; Functional finance.

UNIT IV

Indian Federal Finance: Federal financial structure after Independence, Division of functions, Division of resources between Centre and States; Financial imbalance mechanism of financial adjustments; Gadgil Formula; Pranab Formula; Finance Commissions (FCs) and their recommendations (last 3 FCs); Review of Centre- State financial relations in India.

TEXT BOOK:

1. Lekhi, R. K., Singh, Joginder: Public Finance, Kalayani Publishers.

REFERENCE BOOKS:

1. Hajela, T.N. 'Public finance. (4th Ed.) Ane Books Pvt Ltd, 2010.
2. Musgrave, R & Musgrave, P B: Public Finance in Theory and Practice. McGraw-Hill International Eds.
3. Peacock, and Straw, G K (1970): The Economic Theory of Fiscal Policy

4. Chelliah, R C (1996): Sustainable Growth, Essays on Financial and Fiscal Sector Reforms, Oxford University Press.
5. Raghbendra Jha (1999): Modern Public Economics, Rotledge
6. Govt. of India, Ministry of Finance: Sarkaria Commission Report on Centre State Financial Relations.

SHES306	ENVIRONMENTAL ECONOMICS	C
		4

Course Objective: This course is meant to provide some insights into the application of economic theory in the design and implementation of public policy related to the management of environment and social sectors. The course finds roots in welfare economics, national income accounting, macroeconomic policies and trade and development.

UNIT I

Introduction to Environmental Economics: Introduction; The economy and the environment: inter-linkages. Economic Efficiency and Market Failures: Market solutions and efficiency; Market failures; Problem of externalities; Public goods and public bads; Common property resources.

UNIT II

Population and Environment: Theory of Demographic Transition, Damage functions and Marginal decisions; Optimal level of pollution; Market solutions and government actions; Economic incentives and least-cost solutions; Command and control policies. Environment and Development, Degradation of Environment.

UNIT III

Valuing the Environment: Economic valuation of environmental goods; Types of environmental values; Monetary valuation techniques; Non-monetary valuation techniques; Comparing methodologies. Theory of Cost-Benefit analysis.

UNIT IV

Economic Growth and Sustainable Development, Objectives, Indicators, Progress toward Sustainable Development, Economics of Sustainable development.

TEXT BOOK:

Sankar, U. (Ed.) (2001) : Environmental Economics, Oxford University Press, New Delhi.

REFERENCE BOOKS:

- Hanley, N., J.F. Shogren and B.White (1997), Environmental Economics in Theory and Practice, Macmillan.
- Hussen, A.M. (1999), Principles of Environmental Economics, Routledge, London.
- Kolstad, C.D. (1999), Environmental Economics, Oxford University Press, New Delhi.

SHES308	INTERNATIONAL ECONOMICS - II	C
		4

Course Objective: This course introduces undergraduate students to the theory of International Economics and its application to the real world. Upon completion of this course students will be able to:

- Compare alternative theories of international trade
- Analyze and test international trade models
- Evaluate the impact of tariffs and non-tariff barriers

UNIT I

Determination of rate of exchange under conditions of inconvertible paper currencies-Purchasing power parity and balance of payment theories. Foreign Trade Multiplier with and without foreign repercussions; Determination of national income in an open economy, Fixed versus Flexible exchange rates; fluctuations in exchange rates-causes and consequences. The Determination of Floating Exchange Rate.

UNIT II

Traditional, Absorption and monetary approaches for adjustment in the balance of payments, A critical review of the monetary approach; International Reserves, Optimum Currency Areas Theory (Mundell & Magnifico) and impact in the developed and developing countries.

UNIT III

Determinants of Terms of trade, static and dynamic gains from trade: Samuelson on gains from trade; Immiserising growth, Deterioration in terms of trade -Technical progress and trade Hicksian graphical analysis neutral, capital saving and labour saving technologies and its impact on terms of trade. Trade as an engine economic growth.

UNIT IV

Growth and Trade

The nature of the growth process; The effects of growth on small countries; The Effects of Growth on Large Countries; Technical Progress and International Trade; Import substitution v/s Export Push; Trade Liberalization: order, sequencing and speed; Liberalization experience of developing countries.

TEXT BOOKS

1. M. L. Jhingan: International Economics
2. M. C. Vaish and : International Economics. Sudama Singh
3. Mannur, H.G (2000): International Economics.

REFERENCE BOOKS

1. Salvatore, D. (1997), International Economics, PHI, New York.
2. Sodorston, Bo. (1991), International Economics, The Macmillan Press Ltd. London.
3. Pilbeam, Keith (1998): International Finance, Palgrave.
4. Mithani, M. D () International Economics.
5. Bhagwati. J (1981), International Trade, Cambridge University Press, London

SHES310	DISSERTATION	C
		5

Guidelines relating to Dissertation for B. A. (Hons.) Economics

1. Every student has to undertake a Project individually under the supervision of concerned faculty and to submit the same following the guidelines stated below.
 - (a) Language of Project Report should be English. The Project Report must be typed and spirally binded.
 - (b) Failure to submit the Project Report will be treated as “Absent” in the Examination. He /she has to submit the Project Report within the time period as per the University rules.
 - (c) Evaluation of the Project Work is to be done by concerned faculty.
 - (d) A candidate has to qualify in the Project Work obtaining a minimum 25 marks out of 50.
 - (e) Marking Scheme for Project Report:

Project Report (50 marks)

- Chapter 1: Introduction – 10 marks
 - Chapter 2: Conceptual Framework/ National/International Scenario – 5 marks
 - Chapter 3: Presentation, Analysis & Findings -- 25 marks
 - Chapter 4: Conclusion & Recommendations -- 10 marks
- (f) The report should be finalized through the interaction between the students and supervisors during the period from February-March.
 - (g) The final project report should be submitted by the end of April.
 - (h) The evaluation of the Project Report should be conducted during the month of May.
 - (i) The main text of the project should normally be in the range of 5000 words. However, there may be annexure in addition to the main text.
 - (j) Three copies of the Project Report should be prepared, out of which two copies to be submitted to the University authorities and one copy to be retained by the student.

Student should not resort to acts like 'Plagiarism' and 'Cut and paste' techniques from Websites/Internet.