

NATIOANL COLLEGE (AUTONOMOUS), TIRUCHIRAPPALLI – 620001.

NATIONALLY ACCREDITED AT 'A' LEVEL BY NAAC

UNDER GRADUATE PROGRAMME STRUCTURE UNDER CBCS

**ECONOMICS**

(FOR CANDIDATES ADMITTED FROM THE ACADEMIC YEAR 2013-2014 )

SEM	Part	Course	Course Title	Inst. Hours /Week	Credit	Exam Hours	Marks			Total Marks	
							CIA	External			
								WE	OE		
I	I	Language Course –I (LC-I)	SANSKIRT/HINDI/TAMIL	6	3	3	25	75	-	100	
	II	English Language Course-I (ELC – I)		6	3	3	25	75	-	100	
	III	Core Course – I (CC I)		INDIAN ECONOMIC DEVELOPMENT	5	5	3	25	75	-	100
		Core Course – II (CC II)		TAMILNADU ECONOMY	6	5	3	25	75	-	100
		First Allied Course – I ((1AC-I)		ECONOMIC STATISTICS	5	3	3	25	75	-	100
	IV	Skill Based Elective Course – I (SBEC-I)			2	2	3	25	75	-	100
	<b>TOTAL</b>				<b>30</b>	<b>21</b>					<b>600</b>
II	I	Language Course –II (LC-II)	SANSKIRT/HINDI/TAMIL	6	3	3	25	75	-	100	
	II	English Language Course-II (ELC –II)			4	2	3	25	75	-	100
		Communicative English Course – I (ECE-I)			2	1	3	25	70	5	100
	III	Core Course – II (CC-II)		HISTORY OF ECONOMIC THOUGHT	5	5	3	25	75	-	100
		First Allied Course –II (1AC-II)		STATISTICAL METHODS	6	3	3	25	75	-	100
		First Allied Course –III (1AC-III)		INDIAN STATISTICS	5	3	3	25	75	-	100
	IV	Environmental Studies Course (ESC)			2	2	3	25	75		100
<b>TOTAL</b>				<b>30</b>	<b>19</b>					<b>700</b>	
III	I	Language Course – III (LC-III)	Sanskirt/Hindi/Tamil	6	3	3	25	75	-	100	
	II	English Language Course-III (ELC –III)			4	2	3	25	75	-	100
		Communicative English Course – II (ECE-II)			2	1	3	25	70	5	100
	III	Core Course – IV (CC-IV)		MICRO ECONOMICS	5	5	3	25	75		100
		Core Course – V (CC – V )		MONETARY ECONOMICS	5	5	3	25	75	-	100
		Second Allied Course – I (2AC – I)		PRINCIPLES OF COMMERCE	4	3	3	25	75	-	100
	IV	Skill Based Elective Course – I (SBEC – II)			2	2	3	25	75	-	100
Skill Based Elective Course – I(SBEC – III)			2	2	3	25	75	-	100		
<b>TOTAL</b>				<b>30</b>	<b>23</b>					<b>800</b>	
IV	I	Language Course – IV (LC-IV)	SANSKIRT/HINDI/TAMIL	6	3	3	25	75	-	100	
	II	English Language Course-IV (ELC –IV)			6	3	3	25	75	-	100
	III	Core Course – VI (CC – VI )		MACRO ECONOMICS	6	5	3	25	75	-	100
		Second Allied Course – II(2AC – II)		MARKETING	5	3	3	25	75	-	100
		Second Allied Course – III(2AC – III)		BUSINESS ORGANISATION	5	3	3	25	75	-	100
		NON-MAJOR ELECTIVE COURSE – I (NMEC – I)		ADVERTISEMENT MANAGEMENT	2	2	3	25	75	-	100
	<b>TOTAL</b>				<b>30</b>	<b>19</b>					<b>600</b>

SEM	Part	Course	Course Title	Inst. Hours Week	Credit	Exam Hours	Marks			Total Marks
							CIA	External		
								WE	OE	
V	III	Core Course – VII (CC – VII)	FISCAL ECONOMICS	5	5	3	25	75	-	100
		Core Course – VIII (CC – VIII)	INTERNATIONAL ECONOMICS	5	5	3	25	75	-	100
		Core Course – IX (CC – IX)	HUMAN RESOURCE DEVELOPMENT	5	5	3	25	75	-	100
		MAJOR BASED ELECTIVE COURSE – I (EC – I)	TOURISM ECONOMICS	5	4	3	25	75	-	100
		MAJOR BASED ELECTIVE COURSE – II (EC – II)	ECONOMIC SYSTEMS	4	4	3	25	75	-	100
		NON-MAJOR ELECTIVE COURSE –II (NMEC – II)	AGRICULTURAL ECONOMICS	2	2	3	25	75	-	100
	IV	VALUE EDUCATION - VEC	VALUE EDUCATION	2	2	3	25	75	-	100
		SOFT SKILLS		2	2	3	25	75	-	100
		<b>TOTAL</b>		<b>30</b>	<b>29</b>					
VI	III	Core Course – X (CC – X)	ENVIRONOMICS	6	5	3	25	75	-	100
		Core Course – XI (CC – XI)	AGRICULTURAL ECONOMICS	6	6	3	25	75	-	100
		Core Course – XII (CC – XII)	CAPITAL MARKET	6	6	3	25	75	-	100
		Core Course – XIII (CC – XIII)	MANAGERIAL ECONOMICS	6	6	3	25	75	-	100
		MAJOR BASED ELECTIVE COURSE – III (EC – III)	PERSONNEL MANAGEMENT	5	4	3	25	75	-	100
		GENDER STUDIES COURSE (GSC)		1	1	3	25	75	-	100
		<b>TOTAL</b>		<b>30</b>	<b>28</b>					<b>600</b>
V	EXTENSION ACTIVITES			<b>1</b>						
	Total Instruction Hours / credit			<b>30</b>	<b>140</b>					<b>4000</b>

### SUMMARY OF COURSES AND THEIR CREDITS

PART I	LANGUAGE	4 COURSES	12 CREDITS
PART II	ENGLISH	4 COURSES	10 CREDITS
PART II	COMMUNICATIVE ENGLISH	2 COURSES	02 CREDITS
PART III	CORE COURSE	13 COURSES	70 CREDITS
	ELECTIVE COURSE	3 COURSES	09 CREDITS
	ALLIED COURSE I	3 COURSES	09 CREDITS
	ALLIED COURSE II	3 COURSES	09 CREDITS
PART IV	ENVIRONMENTAL STUDIES	1 COURSE	02 CREDITS
	NON-MAJOR ELECTIVE	2 COURSES	04 CREDITS
	VALUE EDUCATION	1 COURSE	02 CREDITS
	SKILL BASED ELECTIVE	3 COURSES	06 CREDITS
	GENDER STUDIES	1 COURSES	01 CREDIT
PART V	EXTENSION ACTIVITIES		01 CREDIT

ABBREVIATIONS:

**CIA – CONTINUOUS INTERNAL ASSESSMENT, WE - WRITTEN EXAMINATION, OE – ORAL EXAMINATION**

**There will be oral test for all practical examinations and Communicative English courses. The oral test will carry 5 marks in the external component.**

nraAs; (, f, fhy , yf, fak) > ci uei l > rWfi j > , yf, fa tuyhW > gadKi wj j kp; -  
U13T1

gUtk; : l

ghl k; : l

fwgpfFk; fhyk; : 6

j ugGSSp : 3

**myF - 1:**

ghuj pahu; ftpi j fs; : ] u] ; tj p Nj tpa; Gfo;  
ghuj ehL  
ghuj nj hrd; ftpi j fs; : j kpp; , dpi k  
, dgj j kp>  
c yfk; c d; Di l aJ > nfhl L KuNr  
gl LfNfhl j l ahu; ftpi j fs; : c i ogGk; Nj i t  
, td; NrhW NghLfwhd > mtd; \$W NghLfwhd;  
ehkff; ftq; ghl yfs; : , sej kpDfF  
fz z j hrd; ftpi j fs; : ghLtJ ehdy

**myF - 2:**

mgJ y; uFkhd; : kz ;  
i tuKj j : ghuj p epi df; fggLfwhd;  
Nkj j h : nrUgGl d; xU Ngl b  
khh : Nt fk > j kppgwW > Ruz j ykhk?>  
rptgGehl h > fhj Nyh fhj y > gof;fk; nghyyhj J  
, dFyhg; : xU Gd; di fr; rkpi fahy;  
mKj ghuj p : i ` f\$  
ehl LgGwg; ghl yfs; : xgghug; ghl y; - grpahwg; Nghtj pyi y

**myF - 3: ci uei l:**

ghuj pahu; - j pahdqfS k; kej µqfS k;  
j pU. tpf. - kdj d;  
c .Nt.rh - vJ j kp?  
uh.gp NrJggps; s - FbAk; gi l Ak;  
K.t. - nkhop , yyhj epi y  
GJ i kggj j d; - j kph; ehfupfj j py;

**fphkthofj f**

fy;fp - Gi dfs; pd; Nti y epWj j k;  
r;vd; mz z hJ i u - gwW  
R[ hj h - fl Ts; , Uf;fpwhuh?

**myF - 4: rŋWfi j :**

tŋbay; fhyk; - Ki dtu; , uh.ghyRgukz ŋad;

**myF - 5:**

, yffŋa tuyhW - , Ugj hk; E}wwhz Ł  
(Gj ŋdkŋ ehl fk; ebŋfyhf)

**gadKi wj j kŋ;** - tyŋkŋFk; tŋj ŋfŋŋd; nj hFgG  
kŋfhi kŋFupa tŋj ŋfŋ;  
(eyy j kŋ; vOj Ntz Łkh  
gf;260 - 290.

**ghl E}y;**

- 1. nraAsŋ c i uei l - fy;Y}ŋp ntsŋaŁ
- 2. rŋWfi j - tŋbay;fhykŋ  
Ki dtu; , uh. ghyRgukz ŋad;
- 3. , yffŋa tuyhW - nghJ
- 4. gadKi wj j kŋ; - eyyj kŋ; vOj Ntz Łkhŋ  
m.fŋ guej hkdhŋŋ gf;260-290

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**nraAs; (, i l fŋhy , yffŋakŋ)ŋ Gj ŋdkŋ , yffŋa tuyhW  
nraAs;U13T2**

**gUtk; : ll**

**fwgŋfFk; fhyk; : 6**

**ghl k; : ll**

**j ugŋssŋ : 3**

**myF - 1**

- 1.1 j ŋUQhdrkgej u; Nj thuk; j ŋUfNfhbfŋh j ŋUj j yk; (11 ghl yfŋs) , dW..
- 1.2. j ŋUehTffuru; Nj thuk; j ŋUgGfY}u; j ŋUj j yk; (10 ghl yfŋs) kUsth..
- 1.3. Rej uu; Nj thuk; j ŋUthi dfŋh j ŋUj j yk; (10 ghl yfŋs); ki wŋs;..
- 1.4. khz ŋffŋthrfu; j ŋUthrfk; - j ŋUntkghi t (10 ghl yfŋs) Mj ŋAk;..

**myF - 2**

- 2.1. Mz l hs; j ŋUgghi t (10 ghRuqŋfs) Xqfŋ
- 2.2. nj hz l ubgnghbaho;thu; j ŋUkhi y (10 ghRuqŋfs) gri r
- 2.3. j ŋUgghz ho;thu;mkychj ŋgŋhd; (10 ghRuqŋfs)
- 2.4. FyNrfuho;thu;ngUKhs; j ŋUnkhop (11 ghRuqŋfs) CNdW

**myF - 3**

- 3.1. - K j ;J fFkhurhkŋ ŋŋsi sj j kŋ; (2 ghl yfŋs)
- 3.2. - eej ŋffŋykgfk; - 5 ghl yfŋs;
- 3.3. - K f;\$l wgsS - 5 ghl yfŋs;

- 3.4. - xsi tahu; ghl yfs; - 4 ghl yfs;
- 3.5. - fhsNkfgGytu; ghl yfs; - 3 ghl yfs;
- 3.6. - rfj pKj j gGytu; ghl y; - 1 ghl y;
- 3.7. - fkgu; ghl yfs; - 3 ghl yfs;

**myF - 4**

Gj pdk;- rKj ha tjj p - eh. ghuj j rhuj p

**myF - 5**

**5.1. , yffpa tuyhW**

- 5.1.1. - gfj p , yffpak; [i rtk> i tz tk]
- 5.1.2.- rpwmyffpak; [ gpsi sj j kpo> fykgfk>gsS
- 5.1.3 -Gj pd , yffpak;

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**fhggpak> ehl fk> , yffpa tuyhW-U13T3**

**gUtk; : III**

**ghl k; : III**

**fwgpfFk; fhyk; : 6**

**j ugGssp : 3**

**myF - 1**

- 1. rpyggj pfhuk; (, sqNfhtbfs) - tofFi u fhi j
- 2. kz pNkfi y (rjj i yrrhj j dhu)- Mj pi u gpi rapl i fhi j

**myF - 2**

- 3. fkguhkhaz k; (fkgu) - , uhkhtj huk; - fhl rpggl yk;
- 4. ngupaGuhz k; (Nrf;fpohu)- Gryhu; ehadhu; Guhz k;

**myF - 3**

- 5. , NaRfhtpak; (fz z j hrd) - ki ygnghopT
- 6. rlvhgGuhz k; (c kWgGytu) - khDfFg; gpi z epdw gl yk;

**myF - 4 :**

- 7. j z z b; j z z b; (Nfhky; Rthkpeh j d)- ehl fk;

**myF - 5**

- 8. , yffpatuyhW - fhggpak> Guhz k> ehl fk;

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**gz i l , yffpak> , yffpa tuyhW> nkhoggawrp -U13T4**

**gUtk; : IV**

**ghl k; : IV**

**fwgpfFk; fhyk; : 6**

**j ugGssp : 3**

**myF - 1**

- 1. FWenj hi f - 10 ghl yfs; (8>18>25>40>58>99>131>135>167>196)

- 2. ewwpi z - 5 ghl y;fs; (1> 3> 16> 30> 355)
- 3. I q;FE}W - 10 ghl y;fs; (nryT mOq;F tñ j ggj ;J)

**myF - 2**

- 4. fyij nj hi f - 2 ghl y;fs; (Fw;Q;pf;fy;15> Kyi yf;fy;11)
- 5. mfehD}W - 2 ghl y;fs; (129> 140)
- 6. GwehD}W - 10 ghl y;fs; (95>165>182>183>184>188>194>195>204)

**myF - 3**

- 7. j pU;Fws; - mwj ;J ggghy; 5 mj pfhuq;fs; (11> 13> 14> 43> 47)

**myF - 4**

- 8. gj ;J ggghl L- Kyi ygghl L KOtJk; (egG;j dhu)

**myF - 5**

, yf;f;pa tuyhW-vl Lj nj hi f> gj ;J ggghl L> gj indz ; fb;f;fz f;F> nkhogga;wrp - nghJ f;f;l i u (nghJ mw;T> ehl Lel gG> rKj ha Nehf;F gww;pad)

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**ENGLISH FOR COMMUNICATION – U13E1**

**Semester: I**

**English Language Course: I**

**Instruction Hours/Week: 6**

**Credit: 3**

- Unit I :** 1.Civilization and History – C.E.M. Joad  
2. The Fun They Had – Issac Asimov
- Unit II :** 3. Big Numbers and Infinities – George Gamow  
4. Oil – G.C. Thornley
- Unit III:** 5. An Observation and An Explanation – Desmond Morris  
6. A Robot about the House – M.W.Thring
- Unit IV:** 7.A Wrong Man in Worker’s Paradise – Rabindranath Tagore  
8. Making Surgery Safe – Horace Shipp
- Unit V:** 9. Using Land Wisely – L.Dudley Stam  
10. The Karuburator – Karel Capek

**Text Book:** English through Reading, by W.W.S.Baskar and N.S.Prabu, Published by Macmillan Publishers India Ltd.,

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**ENGLISH THROUGH EXTENSIVE READING - U13E2**

**Semester : II**

**English Language Course : II**

**Instruction Hours/Week:4**

**Credit: 2**

**Unit I**

- R.K.Narayan An Astrologer’s Day
- Boman Desai Between the Mosque and the Temple

**Unit II**

O. Henry	The Gift Of the Magi
Premchand	The Child

**Unit III**

R.P. Sisodia	The Last Salvation
Kasturi Sreenivasan	I Prepare to gotoCoimbatore

**Unit IV**

F.E.B. Gray	A Slip of the Tongue
Ruskin Bond	The Eyes are not Here

**Unit V**

Rabindranath Tagore	The Cabuliwallah
Guy de Maupassant	The Diamond Necklace

**Text book**

Glimpses of Life ; An Anthology of Short Stories ; Board of Editors [Orient Longman]

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**COMMUNICATIVE ENGLISH I – U13CE1**

**Semester : II**

**Communicative English Course: I**

**Instruction Hours/Week:2**

**Credit: 1**

**OBJECTIVES**

01. To Facilitate communication
02. To expose the students to various levels/types of communication.
03. To help the students achieve communicative competency

**UNIT I**

01. At the College
02. on the Campus
03. Outside the class

**UNIT II**

04. At the Post office
05. For Business and Pleasure
06. Review

**UNIT III**

07. Are you Smart?
08. Are you creative?
09. Is it too hard to improve?
10. How to win?

**UNIT IV**

11. View points
12. Snakes and ladders
13. Your Self

**UNIT V Write**

- 14. Circulars, notes-reminders, warnings, farewells, apology;
- 15. Draft invitations – marriage, annual day, inaugural functions of associations, valediction, seminar, workshop.
- 16. Draft Short messages- compliments, birthday wishes, notifications, etc.,  
Draft Posters- Slogans, announcements etc.,
- 17. Dialogue writing

Text Book: Creative English for Communication (2<sup>nd</sup> edition) by Krishnasamy and Sriraman.

Reference: Websites            www.english club.com  
[www.using english.com](http://www.usingenglish.com)  
Owl-online writing lab  
MIT-open course ware  
[www.eslcaf .com](http://www.eslcaf.com)

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**ENGLISH FOR COMPETITIVE EXAMINATIONS – U13E3**

**Semester        : III**

**English Language Course: III**

**Instruction Hours/Week:4**

**Credit: 2**

**Unit-I:**

Basics of English

- (a) Parts of speech
- (b) Tenses
- (c) Active and passive voice
- (d) Tag questions

**Unit –II:**

- (a) Errors and how to avoid them
- (b) Spotting errors
- (c) Reconstructing passages
- (d) Précis writing

**Unit –III**

Reading comprehension

**Unit –IV:**

Vocabulary – synonyms, antonyms, prefix & suffix, Homonyms, sentence completion, spelling Phrasal verbs & Idiomatic Expressions.



**Unit –V:**

Writing letters and drafting a resume /cv  
Types of essays and how to write them  
Guidance to a group discussion and  
Guidance to attending an interview

**Text book :**

English for Competitive Examinations by R.P.Bhatnagar & Rajul Bhargava macmillan India Ltd. Delhi.

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**COMMUNICATIVE ENGLISH II – U13CE2**

**Semester : III**

**Communicative English Course : II**

**Instruction Hours/Week:2**

**Credit: 1**

**Unit-I:**

Enriching Vocabulary – Register Development; who is who; Synonyms, antonyms, Active and Passive vocabulary, proverbs

**Unit –II:**

Tense Forms with emphasis on differences between Present and Present Continuous; Past and Present Perfect – Framing questions, Auxiliaries, if clauses; conjunctions, and linkers; Prepositions

**Unit –III**

Pronunciation, Good Pronunciation habits, R.P., Greetings, Farewells commands etc.,

**Unit –IV:**

Conversational Skills – Affirmative or Negative Language – idiomatic expressions, Phrases, Dialogue Writing,

**Unit –V:**

Writing Skills – Note- taking, note- making, e-mail- Describing an object- narrating a story

**Reference Books**

- i) A Practical English Grammar by A.J Thomson and A.V. Martinet.
- ii) Remedial English Grammar, by F.T. Wood.
- iii) English for competitive Examinations by R.P Bhatnagar & Rajul Bhargava.

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**READING POETRY AND DRAMA– U13E4**

**Semester : IV**

**English Language Course: IV**

**Instruction Hours/Week:6**

**Credit: 3**

**POETRY:**

<b>Unit: I</b>	John Milton	:	On His Blindness
	Oliver Goldsmith	:	The village Schoolmaster

	William Wordsworth	:	The Solitary Reaper
<b>UNIT II</b>	P.B.Shelley: Ozymandias		
	John Keats	:	La Belle Dame Sans Merci
	Browning	:	Incident of the French Camp
<b>UNIT III</b>	John Masfield	:	Laugh and Be Merry
	Robert Frost	:	Stopping By the Woods On a Snow Evening
	John Drink water	:	The Vagabond

**DRAMA:**

<b>Unit: IV</b>	Anton Chekhov	:	The Bear
	Norman Mckinnel	:	The Bishop's Candlesticks
<b>Unit: V</b>	Fritz Karinthy	:	Refund
	F.M. Synge	:	Riders to the Sea.

**Textbooks:**

- 1) **An Introduction to Poetry** edited by A.G.Xavier; [Macmillan]
- 2) **Nine Modern Plays:** ed. B.T Reddy, Oxford University Press

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**CORE COURSE I - INDIAN ECONOMIC DEVELOPMENT – U13EC1**

**Semester : I** **Core course: I**  
**Instruction Hours/Week: 5** **Credit : 5**

**UNIT I – Economic Development and National Income**

Economic growth and development – determinants of economics growth – Features of Indian Economy – Economic and non-economic factors – Barriers to economic development – National Income – Methods of measuring National Product – trends – difficulties in measuring National Income – Social Accounting.

**UNIT II – population, poverty and unemployment**

Population – growth – age composition – occupational distribution – demographic theory – causes, effects and remedial measures – population policy – poverty – rural and urban poverty – causes – poverty alleviation programme – unemployment – types – causes and effects – employment generation programmes.

**UNIT III – Agriculture**

Agriculture and its role – productivity – causes for low productivity in agriculture – land reforms – Govt. measures – agricultural development under five year plans - Green revolution.

#### **UNIT IV – Industries**

Role of cottage, small and large scale industries – Industrial policies of 1948, 1956, 1991 and recent changes – problems of rural industries – Govt. Measures to remedy the problems – industrial development under five year plans- Industrial Finance-Public sector.

#### **UNIT V – Transport and Labour**

Transport – Meaning – Types - Role of Transport in economic development – Transport coordination – Labour – causes for low productivity – labour unrest – Trade unionism – Labour problems – Govt. Measures – Wage policy – social security measures-Foreign Trade - Export & Import policy.

#### **Reference:**

1. Agarwal, A.N, Indian Economy, Wishwa Prakashan publications, New Delhi.
2. Datt, Rudder and KPM Sundharam, Sultan Chand & Sons, New Delhi

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### **CORE COURSE –II : TAMIL NADU ECONOMY – U13EC2**

**Semester : I**

**Core course : II**

**Instruction Hours/Week : 6**

**Credit : 5**

#### **UNIT I – A profile of the economy of Tamil Nadu**

Tamil Nadu – Salient features land area – Distribution of occupational structure in Tamil Nadu population TN – Land use – Livestock – Forest resources – Human Resources – Infrastructure: rural – Urban Education – Health, Banking, Power, Transport and Communication – Development experience of Tamilnadu.

#### **UNIT II – Agricultural Development**

Agriculture – Land Use – Cropping pattern – Principle Commodities – Irrigation – Green revolution, Blue and White revolution -- Animal husbandry and fisheries – Agricultural finance – Agencies – Govt. role.

#### **UNIT III – Industrial Development**

Major Industries – Automobile, cotton, sugar, cement, software – small scale industries, cottage industries, Ancillary industries – Hand loom industries – Industrial finance – Agencies TANSI, TIIC, SIDCO, SIPCOT, ELCOT, Industrial Estate – DIC, SEZ.

#### **UNIT IV – State Finance & Development Programmes**

State finance – Revenue and expenditure of the state – Budget – Poverty Alleviation Programmes in Tamil Nadu- Unemployment- Causes and remedial measures in Tamilnadu – Health Care and other Govt. schemes.

## UNIT V – General Performance of the State

Tourism Development in Tamil Nadu – Ports – Trade – Commerce – Role of Local bodies – Industrial sector and its role – Environmental protective measures in Tamil Nadu.

### Reference:

1. AG.Leonard, Tamil Nadu Economy, Sultan Chand & Sons, New Delhi.
2. Perumalsamy, Tamil Nadu Economy, Sultan Chand & Sons, New Delhi
3. MIDS – Tamil Nadu Economy – Performance and issues.
4. Manorama year book – Recent issues – 2010.
5. Rajalakshmi, - Tamil Nadu Economy, Sultan Chand & Sons, New Delhi.

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## CORE COURSE - III: HISTORY OF ECONOMIC THOUGHT - U13EC3

Semester : II

Core Course : III

Instruction Hours/Week : 5

Credit : 5

### UNIT – I:

Pre-classical school - Mercantilism, Physiocracy- Classical School- Adam smith, J.B .Say , David Ricardo, Malthus and J.S.Mill- Neo Classical School- Alfred Marshall.

### UNIT – II:

Austrian School - Marginalism- Karl Menger and Vonvieser, Mathematical school – Jevons and Walras - Institutional School- Veblen, Commons, Mitchell.

### UNIT – III

Historical School - Roscher, Hildebrand, Karl Knies and Schmoller – Keynesian School- J.M.Keynes- Welfare School- Hobson, Pigou and Pareto.

### UNIT – IV

State socialism and Marxian thought - State Socialism- Saint Simon, Sismondi – Utopian Socialism – Robert Owen – Scientific Socialism – Karl Marx and Friedrich Engels.

### UNIT – V

Indian Economic Thought - Naoroji -- Gandhian Economics, Jawaharlal Nehru – E.V. Ramasamy – Nobel Laureates – Robert E. Lucas, J.R.Amartya sen , Paul Grugmen.

### REFERENCE:

- 1.Girija and Manimekalai, (1999),History of Economic Thought, Virinda Publications, New Delhi.
2. Hagela, (2000), History of Economic Thought, Konark Publications, New Delhi.
- 3.Lional Robbins, (2000), A History of Economic Thought, Oxford University Press, Chennai.
4. Loganathan. V. (1998), History of Economic Thought, S.Chand & Co., New Delhi.
- 5.Mittal Sanjay and Prakash Sharma (1999), Economic Thought - Then and new., RBSA Publications, Jaipur.
6. Sankaran. S. (2000), History of Economic Thought, Margam Publications, Chennai.

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**CORE COURSE – IV : MICRO ECONOMICS - U13EC4**

**Semester : III** **Core Course : IV**  
**Instruction Hours/Week : 5** **Credit : 5**

**UNIT – I: Introduction and Consumption**

Definition – Scope of Micro Economics – Static and Dynamic Analysis — Positive and Normative Economics – Law of demand – Elasticity of Demand – Diminishing Marginal utility – Law of Equi - Marginal utility – Consumer’s surplus - Indifference curve Analysis.

**UNIT – II: Production, Revenue, Price and Cost**

Factors of Production – Production Function – Law of Variable Proportions – Isoquant – Producer’s equilibrium - Factor Pricing - cost concept - cost function – types of cost - short term and long run cost curve – relationship between AR and MR.

**UNIT – III: Market and Competition**

Market structure – Equilibrium of firm and industry – perfect and Imperfect competition - price determination under perfect competitive market – Monopoly, Monopolistic competition – price and product differentiation – price and output determination under Oligopoly.

**UNIT - IV Distribution**

Theories of Distribution – theories of rent – Ricardian and modern – Quasi-rent- theories of wages – real and money wage – theories of profit – interest theories.

**UNIT – V General Equilibrium and welfare economics**

General equilibrium – The Walrasian system – Existence, uniqueness and stability of equilibrium – static properties of a general equilibrium state – welfare economics.

**Reference:**

1. Ahuja H.C, Advanced Economic Theory, S.Chand & Co, New Delhi.
2. Koutsoyiannis, A, Modern Microeconomics, Macmillan Press, London.
3. Salvatore, Dominic, Microeconomic Theory, McGraw Hill, New Delhi.
4. Baumol, W.J, Economic Theory and Operations Analysis, Prentice Hall of India, New Delhi.
5. Sen, A, Microeconomics, Theory and Application, Oxford University Press, New Delhi.

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**CORE COURSE - V : MONETARY ECONOMICS– U13EC5**

**Semester : III** **Core Course : V**  
**Instruction Hours/Week : 5** **Credit : 5**

**UNIT –I**

Quantity Theory - Evolution and Functions of Money – Forms of Money – Money and Near Money – Supply of Money (M1, M2, M3 and M4) – Value of Money – Quantity Theory of Money – Fisher’s version – Cambridge version.

**UNIT – II**

Demand for Money – Keynes’s theory of Demand for money Friedman’s restatement of the quantity theory of money – Patinkins Real Balance Effect – Tobin’s portfolio selection theory.

**UNIT – III**

Commercial and Central Banking – Commercial Banking Functions – Balance Sheet – Credit Creation – Central banking Functions – Nationalisation of Banks – Performance of Public Sector Banks in India – RBI Functions – Concept of Money Market – Characteristics and Constituents of Indian Money Market- Financial institutions – Non-banking financial institutions

**UNIT – IV**

Business Cycles – Types- Characteristics- Phases of Trade Cycles – Theories of Trade Cycles – Schumpeter – Hawtrey - Hicky and Samuelson – Business cycle and controlled economics.

**UNIT – V**

Economics of Inflation – Meaning – Definition - Types – Causes and Measures – Theories : Demand – Pull, Cost-Push, and Structural Inflation – Phillips Curve – Deflation – Effects – Control of deflation.

**Reference:**

1. Dillard, Dudley, (1977), The Economics of John Maynard Keynes, Vikas Publishing Company, New Delhi.
2. Dwivedi, D.N., (2005), Macro Economics : Theory and Policy, Tata McGraw Hill Publishing Company Ltd., New Delhi
3. Ghosh, B.N., and Rama Ghosh, (1989), Fundamentals of Monetary Economics, Himalaya Publishing Company, Bombay.
4. Jhingan, M.L., (2003), Monetary Economics, Vrinda Publications (p) Ltd., Delhi.
5. Kaufman, George, G., (1977), Money, The Financial System and The Economy, Rand McNally College Publishing Company, Chicago.

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**CORE COURSE – VI : MACRO ECONOMICS – U13EC6**

**Semester : IV**

**Core Course : VI**

**Instruction Hours/Week : 6**

**Credit : 5**

**UNIT – I**

Introduction – Nature and scope of Macro Economics – Importance of Macro Economics – Macro and Micro Economics – Macro Economic Variables – Stocks and Flows – Macro Economic Models.

**UNIT – II**

Income – Concepts – Meaning, Measurement, Importance and Limitations – Circular flow of income – Social Accounting.

**UNIT – III**

Consumption and Investment – Keynes Consumption function – Assumptions – Implications – Keynes Investment Functions – Autonomous and induced – MEC and rate of interest – Multipliers and Accelerator.

**UNIT – IV**

Employment theory – Say’s Law and Classical theory of Employment – Principles of Aggregate supply and Demand – Keynesian theory of employment.

**UNIT – V**

General Equilibrium Hicks – Hatsun analysis – Derivations of IS – LM Curves – IS – LM Equilibrium – Objectives of Macro Economic Policy – Monetary and Fiscal Policy Measures.

**REFERENCE:**

1. Dinghra I.C.,(2002) Objective type questions in Macro Economics, Sultan and Chand, New Delhi.
2. Jhingan M.L.,(2003) Macro Economic theory Knoask Publishers Pvt.Ltd, New Delhi.
3. Mithani, D.M.(1977) Money Banking, International Trade and Public Finance, Himalaya Publishing House, Bombay.
4. Ghoss B.N. and Rama Ghoss(1989) Fundamental of Monetary Economics, Himalaya Publishing Company, Bombay.
5. Dhruvedi D.N. (2005) Macro Economics: Theory and Policy, Tata McGraw Hill Publishing Company Ltd., New Delhi.

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**CORE COURSE – VII : FISCAL ECONOMICS – U13EC7**

**Semester : V**

**Core Course : VII**

**Instruction Hours/Week : 5**

**Credit : 5**

**UNIT I**

Public Finance – Its meaning and Scope – Uses and Role of Public Finance in the Economy – Public Finance and private Finance – The principles of maximum social advantage.

**UNIT II**

Sources of revenue of the centre and states – Recent trends – Tax Revenues – Non-tax Revenues – Recent trends – Role of Direct taxes – Income Tax – Corporate Tax – Excise duty and

customs duty – Wealth Tax – Capital gains Tax – Death duty, gift Tax – Public Expenditure – general growth of public expenditure – causes, effects and control of expenditure.

**UNIT III**

Principles of taxation – The cost of Service – The benefit – The ability to pay – The progressive and proportional Taxation – Direct and Indirect Taxes – Merits and demerits – VAT – shifting of tax burden – effects of Taxation.

**UNIT IV**

Need for Public debt – Public debt and private debt – causes and effects of public – debt – public dept redemption – Public dept – recent trends – Public debt of the State Govts.

**UNIT V**

Evolution – Central – State Financial Relationship – Finance Commissions – The Recent Finance Commission and its report – Local Finance – Its trend in India – Fiscal policy – Objectives, uses, limitations – Fiscal policy in India – functional finance of A.P.Lerner.

**Books for Reference:**

1. Bright Singh. D., (1993), Fiscal Economics, Emerald Publishers 135 Annasalai – Ms –
2. Finance Commission Report – Govt of India – 2001.
3. Ganguli – NN., (1998) Public Finance, Sultan Chand Publication, New Delhi – 2.
8. Mathew T. (1996), Economics of Public Expenditure, Sultan Chand & Sons, Publishers, New Delhi – 2.
9. Sankaran K. (2002), Kamala Publication, Madras – 2.
10. Sundaram. KPM. Fiscal Economics, Sultan Chand Educational Publishers – New Delhi – 2.
11. Ved Gandhi. (2000), Some Aspects of India’s Tax – Structure, Sultan – Chand Publication – New Delhi – 2.

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**CORE COURSE –VIII : INTERNATIONAL ECONOMICS – U13EC8**

**Semester : V**

**Core Course : VIII**

**Instruction Hours/Week : 5**

**Credit : 5**

**UNIT – I: Features and Theories**

Need for separate study – Distinction between internal and international trade – Classical Theory of International trade: Ricardo’s Comparative Cost Theory – Heberler’s Opportunity Cost Theory – Modern Theory: Heckscher-Ohlin Theorem.



**UNIT – II: Free Trade and Protection**

Meaning of Free trade – Advantages - Case for against free trade – Protection: meaning – arguments for and against protection – Tariffs: Meaning – Types – Effects – Import Quotas: Meaning – Types – Effects – Dumping: Meaning – kinds -conditions for dumping – effects – anti-dumping measures.

**UNIT – III: Balance of Payments**

Definition – importance – Components – distinction between balance of trade and balance of payments – Disequilibrium in the balance of payments: Meaning – Types and causes – measures for removal of disequilibrium.

**UNIT - IV Foreign Exchange & Exchange Control**

Meaning - Demand for and Supply of Foreign exchange – equilibrium rate of Foreign exchange – Purchase Power Parity Theory – Stable and Flexible Exchange Rate – Exchange Control: Objectives, methods and Merits & defects.

**UNIT – V International Financial Institutions & Co-operation**

IMF: Objectives, functions, lending operations, conditionalities, SDR Scheme, IMF and India – IBRD – Asian Development Bank – SAARC – WTO and India.

**References/texts:**

1. Sankaran. Dr. S., (2004), International Economics, Margham Publications
2. Jhingan, M.L., (2003), International Economics, Vani Educational Books (or) Viranda / Konark Publishers Pvt. Ltd., Delhi.
3. Mithani, D.M., International Economics, Himalaya Publishing House, Bombay.

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**ELECTIVE COURSE – I: TOURISM ECONOMICS – U13EC9E**

**Semester : V**

**Elective Course : I**

**Instruction Hours/Week : 5**

**Credit : 4**

**UNIT I**

Definition – scope – importance of Tourism– Tourists - classification of Tourist – Transitional and domestic tourism - socio – Economics benefits of tourism –Demerits of Tourism.

**UNIT II**

Tourism marketing – Special features – Tourist Product – Market Segmentation – Market research – Media advertisement.

**UNIT III**

Transport – Functions – Classifications – Holiday inns – Tourist Guides – Travel Documents – Travel Agents.

#### **UNIT IV**

Tourism Development – India Tourism Development Corporation – Tamilnadu Development Corporation – Tourism Policy.

#### **UNIT V**

Selective tourist centers in and around Tiruchirappalli

#### **Reference:**

1. Bhatia A.K. (2001) – International Tourism Management, Sterling Publishers Pvt. Ltd., New Delhi
2. Vishwanath Ghosh (2000) – Tourism and Travel Management, Vikas Publishing House, Pvt., Ltd., New Delhi
3. John M. Bryder (1973) – Tourism and Development, Cambridge University Press, London.
4. Michael Peters (1969) – International Tourism, Hutchinson, London.
5. Rajasekara Thangaman (2003) – Tourism Development, Madras art printers, Chennai.

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#### **ELECTIVE COURSE EC-II : ECONOMIC SYSTEMS- U13EC10E**

**Semester : V**

**Elective Course : II**

**Instruction Hours/Week : 4**

**Credit : 4**

#### **UNIT – I**

Nature, Scope and Importance of the study of Economic Systems : The economy as a system - Definitions of an Economic system – Functions of an economic system – Kinds of Economic systems (Primitive Communism, Feudalism, Mercantilism, Capitalism, Socialism, communism and Mixed economy- broad features only).

#### **UNIT – II**

Evolution of Capitalism : Laissez – faire capitalism – Welfare capitalism – Regulated capitalism – Industrial capitalism – Schumpeter and Karl Marx on Capitalism – Capitalism and Technological Progress – Achievements and failures of capitalism.

#### **UNIT – III**

Evolution of Socialism : Utopian Socialism – Marxian Socialism – Market Socialism and Decentralisation – Socialism and Central Planning – Reforms in Eastern Europe – Broad Features of India's Socialist Pattern.

#### **UNIT – IV**

Mixed Economies and their Problems: Characteristics – Role of Public Sector in India – Factors Responsible for Privatisation in India – Globalisation and its Impact on Indian Economy.

## UNIT - V

Indian Thinking on Economic Ideas : Meaning, Principles and appraisal of Gandhian Trusteeship Economy – Sarvodaya Philosophy and its limitations – Socialistic thinking of Jawaharlal Nehru – Features of Nehruvian socialism – Ram Manohar Lohia’s views on socialism – Ideas of Jaya Prakash Narayan.

### References:

1. Desai, S.S.M., (1982), Economic Systems, Himalaya Publishing House, Bombay;
2. Halm, George N.,(1968), Economic Systems, Oxford & IBH Publishing Co., New Delhi
3. Sen, K.K., (1994), Comparative Economics Systems, Sultan Chand & Sons, New Delhi
4. Grossman, Gregory., (1978), Economic Systems, Prentice Hall, New Delhi.

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## CORE COURSE -IX : HUMAN RESOURCE DEVELOPMENT - U13EC11

Semester : V

Core Course : IX

Instruction Hours/Week : 5

Credit : 5

### UNIT I: INTRODUCTION TO HUMAN RESOURCE MANAGEMENT

Evolution of Human Resource Management – importance of HRM – Objectives of HRM – HRM Policies

### UNIT II: HUMAN RESOURCE PLANNING

Importance of HRP – Forecasting HR requirements – Internal and External Sources – Selection Process - Screening – test – interview – induction – importance

### UNIT III: TRAINING AND DEVELOPMENT

Types of training methods – purpose – benefits – resistance, Development programs – common practices – benefits

### UNIT IV: PERFORMANCE EVALUATION

Methods of performance evaluation – feedback – industry practices – promotion, demotion, transfer and separation –implications of job change

### UNIT V: CONTROL PROCESS

Meaning – importance – methods – requirements of effective control system – grievances – causes – implications – redressal methods - gender sensitivity

### REFERENCE BOOKS

1. Mamoria C. B. and Mamoria s., Personnel Management, Himalaya Publishing Co.
2. Biswajeet Pattayanayak, Human Resource Management, Prentice Hall of India
3. Mathur B. L., Human Resource Management, Arihant Publishing House, Jaipur

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**CORE COURSE –X : ENVIRONOMICS - U13EC12**

**Semester : VI**

**Core Course : X**

**Instruction Hours/Week : 6**

**Credit : 5**

**UNIT I**

Definition and scope of Environomics – Concepts – Relationship with other sciences – Approaches in Environomics – Environment and Economics – Conservation of Natural Resources – Green House Effect – Ozone Depletion and its effects.

**UNIT II**

Welfare Economics and Environomics – Pareto Theory – Environment quality as a public good – Private and Social cost –Population menace and degradation of Environment Quality – Urbanization – Land use – Air, Water and Noise Pollutions.

**UNIT III**

Economic Development – Quality of Environment – Environmental issues in developed and developing countries – Use of Resources – Environmental Protection laws – Environmental Education and its merits.

**UNIT IV**

Cost Benefit analysis – Environmental costs of Economic growth –Limits to growth – Pollution cost distribution – Effects – Plans – Total and Marginal Benefits of pollution control – Efficiency in pollution control – Pollution Control Boards.

**UNIT V**

Measures of Pollution control – Fiscal and Direct control measures – Taxes and subsidies – Pollution control Methods – Government Investment programmes – pollution permits – Global issues in Environmental Quality – Role of Government, Voluntary and Consumer Organizations.

**STUDY MATERIALS:**

1. Sankaran S - Environmental Economics
2. Karpagam M - Environmental Economics
3. Varadharajan S - Environmental Economics.

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**CORE COURSE -XI : AGRICULTURAL ECONOMICS – U13EC13**

**Semester : VI**

**Core Course : XI**

**Instruction Hours/Week : 6**

**Credit : 6**

**UNIT I**

Agricultural development – Role of agriculture in Indian Economy – Agricultural development under Five year plans – Productivity in agriculture – Causes for low productivity.

## **UNIT II**

New agriculture strategy – New Economic Policy and Agriculture – Mechanization Advantages and Limitations – Farm Size and Efficiency – Land Reforms – Measures progress – Suggestions for improvements.

## **UNIT III**

Agricultural finance – Sources – Capital formation in agriculture – Rural Indebtedness – Causes – Debt relief activities – Role of rural credit institutions.

## **UNIT IV**

Agricultural marketing – Present status – Role and functions of efficient marketing system – Agricultural price policy – Regulated markets – Co-operative marketing – Procurement and public distribution.

## **UNIT V**

Problem of Agricultural Labour – Causes for poor conditions of agricultural labour – Problem of unemployment and underemployment – Government measures.

### **Reference:**

1. Sadhu & Singh – Fundamentals in Agriculture.
2. Memoria - Agricultural problem of India – Kitab Mabul.
3. Dhingra I.G. - Indian Economy – S.Chand & Co.

### **Journals**

1. Economic and Political Weekly
2. Indian Journal of Agricultural Economics
3. Kurukshetra
4. Yojana.

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## **CORE COURSE – XII : CAPITAL MARKET – U13EC14**

**Semester : VI**

**Core Course : XII**

**Instruction Hours/Week : 6**

**Credit : 6**

## **UNIT I**

Capital market – Definition – Growth – Concepts – Functions – Structure.

## **UNIT II**

Long Term Finance – Sources – Financial Institution – LIC – UTI- IDBI – ICICI – Public deposit – Mutual Funds.

### **UNIT III**

Corporate securities – Equity shares – Preference shares – Debentures and Bonds – Convertible and Non-convertible debentures – Full and Partly convertible debentures – Global depositary receipts.

### **UNIT IV**

Stock Exchange – Functions – Listing of Certificate – Dealers in stock Exchanges – Role of securities and stock Exchange Board of India (SEBI) in the Regulation of share market operations.

### **UNIT V**

Public issues of shares – Primary Market – Secondary market – issues of shares at par and at premium – Right issues of shares – Issues of Bonus shares – underwriting of shares - Merchant banks – Foreign Institutional Investors.

### **STUDY MATERIALS:**

Kuchchal S. C - Corporate Finance.

Kuchchal S. C - Financial Management.

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## **CORE COURSE –XIII : MANAGERIAL ECONOMICS- U13EC15**

**Semester : VI**

**Core Course : XIII**

**Instruction Hours/Week : 6**

**Credit : 6**

### **UNIT I: Meaning and Scope**

Meaning and Definitions –Nature of Managerial Economics – Charecteristics – Significance –Scope of Managerial Economics – Role of Managerial Economist in Business.

### **UNIT II: Demand Forecasting**

Meaning of Forecasting – Significance – Purpose: Short-term and Long-term forecasting – Steps in forecasting – Determinants of demand forecast – Criteria for the choice of a good forecast – Methods of Forecasting: (concepts only), Demand forecasting of new products: (a) Consumer survey method, (b) Life Cycle segmentation analysis.

### **UNIT III: Analysis of Cost**

Cost in managerial decision making – Types of Costs: (i) Actual costs and Opportunity Cost, (ii) Explicit Costs and Implicit Costs, (iii) Private Costs and Social Costs, (iv) Direct Costs and Indirect Costs, (v) Business Costs and Full Costs (vi) Fixed Costs and Variable Costs (vii) Short-run Costs and Long-run Costs and (viii) Total Cost, Marginal Cost and Average Costs – Relationship between production and cost – Functional forms of Cost: Linear, Quadratic and Cubic – Relevance of Cost theory for managers - Cost Control: Budgetary Control.

#### **UNIT IV: Pricing Methods and Strategies**

Pricing Objectives – Factors involved - Pricing methods: Full Cost pricing, Target Pricing, Going Rate Pricing Price Differentials, Strategies: Price Skimming, Penetration pricing Cyclical pricing and Product bundling.

#### **UNIT V: Profit and Capital Management**

Profit: What is Profit? – Accounting and Economic profits - Functional role of Profit in Business – Profit Planning & Profit Forecasting: Break-Even Analysis – Capital Budgeting: Meaning -Need and Forms – Nature of Capital Budgeting Problem.

#### **Texts for Study:**

1. Metha, P L., Managerial Economics: Analysis, Problem and Cases, Sultan Chand & Sons, (Chapter1, 11)
2. Mithani , D.M., Managerial Economics:Theory and Applications, Himalaya Publishing House, 2004. Chapter 10.
3. Atmanand, Managerial Economics, Excel Books, NewDelhi, 2004, Chaps 6 and 15.
4. Sankaran, S. Managerial Economics, Margum Publishers (Chapters 15, 16, 17, 19 and 20).

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#### **ELECTIVE COURSE – III : PERSONNEL MANAGEMENT - U13EC16E**

**Semester : VI**

**Elective Course: III**

**Instruction Hours/Week : 5**

**Credit : 4**

#### **UNIT I**

Personnel Management – Meaning – Scope, Importance --- Objectives – Functions of personnel Management, Personnel manager- Principles of personnel policies, Characteristics- – organizational structure – Personnel records – Reports.

#### **UNIT II**

Human Resource planning – Recruitment and selection procedure – Psychological testing – Interviews – Placement and Induction promotion – Demotion – Transfer – Separation – Absenteeism – Turnover – Training – on the job – off the job techniques.

#### **UNIT III**

Job Evaluation – Objectives – principles – Basic procedure – Advantages – Limitations – Job Evaluation Methods ---- Wage and salary --- Wage Differentials – Rewards and Incentives – Types ,Features and incentives– Employee Benefits and services.

#### **UNIT IV**

Motivation – Meaning and types of Human needs – Objectives of motivation – Job security – job enrichment –Guidelines for motivating employees and managers – Objectives of communication – Functions and responsibility of a leader – need for Grievance –Guidelines of a disciplinary action.

## UNIT V

Industrial Dispute - meaning, Causes and procedure for dispute settlement – Objectives of industrial relations – Role and objectives of Trade union – Essentials of a Trade Union- Industrial Accidents – Industrial Health – IL O's Model of Employees safety.

### STUDY MATERIALS:

1. Mamoria CB and Udai Pareek – Personnel Management.
2. Dale - Personnel Management.
3. Pavar - Personnel Management.
4. Bhushan – Business Management .
5. Agarwal RD – Dynamics of Personnel Management in India.
6. Ghosh S - Personnel Management Text & Cases.

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## ALLIED COURSE I : ECONOMIC STATISTICS – U13AEC1

Semester : I

Allied Course : I

Instruction Hours/Week : 5

Credit : 3

### UNIT I: Nature and Scope

Nature and Scope of Statistics – Functions – Importance – Uses – Limitations – Statistics an Arts or Science – Sampling – Collection of Data – Primary and Secondary Data – Census and Survey Methods – Sampling Methods.

### UNIT II: Classification and Tabulation

Classification and Tabulation – Types uses and Importance's – Diagram – Types of Diagram – Ogive.

### UNIT III: Measures of central value

Characteristics of a good average – Arithmetic mean for raw data and frequency distribution – limitations – mode and its limitations – median and its limitations – quartile deviation – properties of geometric mean – harmonic mean – simple problems.

### UNIT IV: Measures of dispersion

Properties of a good measure of variation – range – the mean deviation and its limitations – standard deviation – its merits and demerits – simple problems – Lorenz curve.

### UNIT V: Skewness and Kurtosis

Difference between Dispersion and Skewness – Karl Pearson, Bowley and Kelly's measures of Skewness – Kurtosis – measures of Kurtosis – simple problems.

### REFERENCE:

1. Murry, R.Spiegel, Schaum's Theory and Problems of Statistics, McGraw Hill, 1972
2. Taro Yamane, Statistics: An Introduction Analysis, Hrpo International Edition, 1973
3. H.M.Blalock, Social Statistics, McGraw Hill, 1988
4. S.P.Gupta, "Statistical Methods"

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**ALLIED COURSE II : STATISTICAL METHODS – U13AEC2**

**Semester : II**

**Allied Course : II**

**Instruction Hours/Week : 6**

**Credit : 3**

**UNIT I: Correlation Analysis**

Types of correlation – scatter diagram – graphic method – Pearson’s coefficient of correlation – direct method – deviations method – coefficient of determination – spearman’s rank correlation – correction factor – tied ranks – problems.

**UNIT II: Regression Analysis**

Difference between correlation and Regression analysis – two regression lines – regression coefficients – calculation of correlation coefficient from regression coefficients – problems.

**UNIT III: Index Number**

Meaning, features, uses and limitation of index number – Methods of constructing of index number – weighted and unweighted index number – Laspeyres method- Paasche method – Fisher’s Ideal Index Method – Chain Base index numbers – Construct Consumer Price Index.

**UNIT IV: Time Series Analysis**

Components of time series analysis – trend average projection – graphic method – semi averages method – moving average method – merits and limitations – measurement of cyclical and irregular variations – problems.

**UNIT V: Probability and Testing of Hypothesis**

Probability – Addition and Multiplication Theorem – Null Hypothesis – level of significance – Two Tailed and One Tailed Test – testing difference between the means of two samples.

**REFERENCE:**

1. Murry, R.Spiegel, Schaum’s Theory and Problems of Statistics, McGraw Hill, 1972
2. Taro Yamane, Statistics: An Introduction Analysis, Hrpo International Edition, 1973
3. H.M.Blalock, Social Statistics, McGraw Hill, 1988
4. S.P.Gupta, “Statistical Methods”

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**ALLIED COURSE III: INDIAN STATISTICS – U13AEC3**

**Semester : II**

**Allied Course: III**

**Instruction Hours/Week : 5**

**Credit : 3**

**UNIT I**

Usages of tables, charts and other statistical tools in Indian context – Classification and tabulation of data – Objectives – types of classification – tabulation – types – differences

between classification and tabulation in census study – NSS Rounds – Qunneial Surveys – merits, demerits and applications and methods of statistical tools.

**UNIT II**

Price statistics – Kinds – Uses – Limitations – Industrial statistics – CMI – SSMI – ASI – Monthly Abstract – Statistical Abstracts – Trade statistics – Financial Statistics – Labour Statistics – Time Series Models – Additive and multiplicative models – secular trend models – measurement and illustration – methods of seasonal variations.

**UNIT III**

Origin and growth of statistics – Census study – functions of Central Statistical Organsiation – National Sample Survey Organization – Decisions – Procedures for collection of information.

**UNIT IV**

Agricultural Statistics – Agricultural Planning – Cattle Statistics – Sources – Uses – Industrial statistics – sources – uses – population statistics – sources and uses – National income & accounting statistics – sources and uses.

**UNIT V**

Vital statistics – Relevance of census in India – importance – types – standard birthrate – standard death rate – Mortality rate – crude birth rate – Uses in Economics – Critical appraisal of Indian Statistics.

**Reference:**

1. SC.Gupta – Fundamentals of Applied Statistics, Sultan Chand & Sons, New Delhi.
2. Pillai RSN & V.Bagavathi – Statistics
3. Reports of NSS Rounds
4. Annual Reports of CSO
5. Reports from Statistical Departments

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**ALLIED COURSE IV: PRINCIPLES OF COMMERCE- U13AEC4**

**Semester : III**

**Allied Course: I V**

**Instruction Hours/Week : 4**

**Credit : 3**

**UNIT I**

Fundamentals of Commerce – Forms of Business Organizations – Sole Proprietorship, Partnership, company, Co-Operative.

**UNIT II**

Banks – Kinds – RBI- Objectives – Functions – Commercial Banks – Co-operative Banks - Insurance – Fire – Marine.

**UNIT III**

Advertisement – Importance – Media – Merits and Demerits of Media – Wholesale and retail business – chains stores - Multiple shops – Departmental Store – Super Market – Transport –Kinds - Role of Transport in Business development.

**UNIT IV**

Business Finance – Meaning and definitions – Functions – Sources - Classifications– Locations of Industries.

**UNIT V**

Business Management – Meaning, Definition – Functions of Management – Planning – Staffing – Professionalisation of Management in India.

**REFERENCE:**

1. Principles of Commerce and General commercial knowledge – K.L. Nagarajan, N.Vinayakam, M.Radhaswamy, S.V.Vasudevan.
2. Business Organisation - Kathiresan and Radha
3. Essentials of Commerce – O.R.Krishnasamy.

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**ALLIED COURSE V: MARKETING – U13AEC5**

**Semester : IV**

**Allied Course: V**

**Instruction Hours/Week : 5**

**Credit : 3**

**UNIT I**

Marketing – Definition – Growth – Concepts – Structure and Types.

**UNIT II**

Function of marketing – concentration – dispersion – buying and assembling – selling – transportation – storage – standardization – grading – Agmark – ISI – ISO Certification.

**UNIT III**

Marketing Information System – meaning and definition – characteristics – need – uses – components - marketing research – need – scope – kinds – procedure for marketing research.

**UNIT IV**

State and marketing in India-State Trading-benefits-pricing policies-factors influencing price – marketable and marketed surplus – methods of sales promotion.

**UNIT V**

Commodity exchange – regulated markets – meaning – functions of organization working of commodity exchange methods of trading – organization of marketing unit.

**Study Materials:**

1. Amarchand D and Varadharajan B – Introduction to Marketing
2. Rajan Nair – Marketing
3. Vasudevan – Marketing
4. Phillip Kotlar – Marketing Management.

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**ALLIED COURSE VI : BUSINESS ORGANIZATION – U13AEC6**

**Semester : IV**

**Allied Course: VI**

**Instruction Hours/Week : 5**

**Credit : 3**

**UNIT I**

Nature and Scope of Business Organization – Essentials of Successful Business –Factors Influencing the selection of business – Business Location Factors.

**UNIT II**

Forms of Organization – Sole trade, Partnership, Joint Stock Companies – Co-operatives – Business Environment - Importance of Business Environment – Components – Advantages of Business Environmental analysis.

**UNIT III**

Marketing – Meaning of Marketing – Modern approach – Functions of Marketing – Classification – Channels of Distribution – Importance of Middlemen – Merits and Demerits of Wholesale and Retail business – Services of Consumers.

**UNIT IV**

Foreign trade – Advantages – Disadvantages – Problems – Difference Between home and foreign trade – Meaning, Functions and Objectives of advertisement.

**UNIT V**

Functions of business finance – Kinds of shares – advantages of preference share and equity shares – Meaning, Definition, Characters and functions of stock exchanges.

**REFERENCE:**

1. Bushan – Business Organization.
2. Sherlacker SN – Modern Business Organization and Management.
3. Kathiresan and Radha – Business Organization.
4. Krishnamoorthy OR – Essentials of Commerce.

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## OFFICE AUTOMATION - U13SBE1

Semester : I

Skill Based Elective Course- I

Instruction Hours/Week: 2

Credit: 2

### Unit - I

MS- Word- Introduction to Computers - Hardware - Software, Operating System: Windows XP -MS-Paint, Notepad, WordPad, Introduction to MS-Word, Creating, Editing and Formatting Document - Working with Drawing objects - Text Manipulation

### Unit-II

Working with Tables – Columns – Labels - Plotting, editing and Filling drawing objects- Bookmark – Header & Footer - Checking and Correcting a document - Creating Labels –Envelops – Mail Merge – Formatted output and Report generation Printing Documents, Working with Internet.

### Unit-III

Ms – Excel - Ms – Excel: Introduction – Data Entry – Cell Formatting - Plotting Graphs – Workbook Features – Library Functions

### Unit-IV

Conditional Functions and Data Sorting – Limit the data on a worksheet - Data Validation –Data consolidation - Chart creation - Checking and Correcting Data - Tracking and Managing Changes- Advanced Features

### Unit-V

Ms – PowerPoint- Introduction - Creating, Editing and Formatting Presentation – Applying Transition and Animation Effects - Applying Design Templates - Viewing and Setting up a Slide Show - Navigating among Different Views - Ms Outlook: Introduction to Folder List – Address

### Book.References

1. Jill Murphy, Microsoft Office Word- Comprehensive Course, Labyrinth Publications, 2003.
2. McGraw-Hill/Irwin-Deborah Hinkle, Microsoft Office 2003 PowerPoint: A Professional Approach, Comprehensive w/ Student CD, New Delhi, 2003.
3. Nellai Kannan, C., MS-Office, Nels Publications, Tamil Nadu, 2002.

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## DESKTOP PUBLISHING - U13SBE2

Semester : III

Skill Based Elective Course– II

Instruction Hours/Week: 2

Credit: 2

### PHOTOSHOP:

#### UNIT – I

##### Photoshop Tools :

Move, Type, Marquee, Lasso, Crop, Shapes, Healing, Brush, Patch, Cloning Stamp, Eraser, Gradient, Blur, Smudge, Dodge, Pen, Eye Dropper, Patch selection and Zoom tool.

**Layer:** New layer, Layer set, Duplicate layer, Rasterize and Merge down

**Layer Styles:** Drop shadow, inner shadow, outer glow & inner glow, Bevel and Emboss, Gradient overlay, Stroke. Text formatting

#### UNIT – II

**File:** Save, File formats, Page set up.

**Edit:** Check spelling, Copy merged, Fill, Transform, Define pattern.

**Image:** Motion blur, Twirl, lens flare, Glowing edges, lighting effects, solarize, water paper, Stained glass, Mosaic Tiles.

**Window:** Character and Paragraph settings.

### COREL DRAW:

#### UNIT – III

##### Drawing Tools:

Pick, Shape, Knife, eraser, Smudge, Roughen brush, free transform, Zoom ,hand, Free hand, Bezier, Artistic, Pen, Poly line, Point, Interactive connective, Spiral tool.

##### Colour Tool:

Paint Bucket Tool, Eye Dropper, Fill Tools. Fill Options, Stroke Options.

#### UNIT – IV

**Special Effects:** 3D effects, Add perspective, Blend, Contour, Artistic media, lens, and Power clip.

**Shaping Options:** Weld, trim, Intersect.

**Text Effects:** Format text, bullet, and fit text to path, align and straighten, spell check.

**File Menu:** Save, Save as, Import, Page set Up.

**PAGE MAKER:**

**UNIT – V**

**Page Maker Tools:**

Pointer, Rotate, Line, Rectangle, Ellipse, Polygon, Hand, Text, Crop, Rectangle frame tools. Text layout, Style and Objects: Alignments, Styles, fill, frame options, Stroke, Group, Lock, unlock, mask, polygon settings character and paragraph settings.

**Text Editing:** Edit story: Undo, Redo, Cut, Copy, Paste, paste Special, Spelling check and Find.

**File:** Page set up, save, Save as.

**Reference Book:**

- CorelDraw** CorelDraw IN Simple Steps – Shalini Gupta Corel DRAW Bible - DEBORAH MILLER
- PhotoShop** Teach Yourself Adobe Photoshop – Rose Carla Adobe Photoshop Cs Classroom in a Book by Adobe Press
- PageMaker** Using Microsoft Word - Asmita Bhatt Pagemaker In Easy Steps - Scott Basham Ctoa Material By Genesis.

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**OFFICE AUTOMATION & DESKTOP PUBLISHING LAB - U13SBE3P**

**Semester : III Skill Based Elective Course– III**

**Instruction Hours/Week: 2 Credit: 2**

**Unit – I (Office Automation)**

- 1) Ms – Word : Text Formatting , Mail Merge,
- 2) Ms – Excel : Implement the Statistical & Mathematical Function  
( Using Min ,Max, Median, Average, Standard Deviation, Correlation, Logical 'if' Condition ) for the given data, Prepare a Chart for a given Data using Pie diagram / Histogram

**Unit – II (Photoshop)**

- 3) Design a College Broacher / Birthday Card.
- 4) Cropping, rotating and Overlapping the image.
- 5) Create a single image from Multiple image.
- 6) Creating an image with multilayer's.

**Unit – III (Corel Draw)**

- 7) Design a Visiting Card \ Greeting Card using Draw & Text tools.
- 8) Create a logo for a Company \ College .

**Unit – IV (Page Maker)**

- 9) Type and format a letter using text tool.
- 10) Prepare a Invitation for College Day \ Sports Day.

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## ENVIRONMENTAL STUDIES - U13ES

Semester : II

Environmental Studies Course

Instruction Hours/Week: 2

Credit : 2

### Unit 1 :

#### Environment and Natural Resources :

Definition, scope, importance of Environmental Studies - Need for public awareness.

Natural resources — classification - Associated problems

a) Forest resources: Use and over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forest and tribal people.

b) Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.

c) Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies.

d) Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.

e) Energy resources: Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources. Case studies.

f) Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification.

- Role of an individual in conservation of natural resources.
- Equitable use of resources for sustainable lifestyles.

#### Unit 2: Ecosystems

- Concept of an ecosystem.
- Structure and function of an ecosystem.
- Producers, consumers and decomposers.
- Energy flow in the ecosystem.
- Ecological succession.
- Food chains, food webs and ecological pyramids.
- Introduction, types, characteristic features, structure and function of the following ecosystem:
  - a. Forest ecosystem
  - b. Grassland ecosystem
  - c. Desert ecosystem
  - d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)



### **Unit 3: Biodiversity and its conservation**

- Introduction — Definition : genetic, species and ecosystem diversity.
- Biogeographical classification of India
- Value of biodiversity : consumptive use, productive use, social, ethical, aesthetic and option values
- Biodiversity at global, National and local levels.
- India as a mega-diversity nation
- Hot-spots of biodiversity.
- Threats to biodiversity : habitat loss, poaching of wildlife, man-wildlife conflicts.
- Endangered and endemic species of India
- Conservation of biodiversity In-situ and Ex-situ conservation of biodiversity.

### **Unit 4: Environmental Pollution**

#### Definition

- Cause, effects and control measures of
  - a. Air pollution
  - b. Water pollution
  - c. Soil pollution
  - d. Marine pollution
  - e. Noise pollution
  - f. Thermal pollution
  - g. Nuclear hazards
- Solid waste Management : Causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution.
- Pollution case studies.
- Disaster management floods, earthquake, cyclone and landslides.

### **Unit 5 : Social Issues and the Environment**

- From Unsustainable to Sustainable development
- Urban problems related to energy
- Water conservation, rain water harvesting, watershed management
- Resettlement and rehabilitation of people; its problems and concerns. Case Studies
- Environmental ethics : Issues and possible solutions.
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case Studies.

- Wasteland reclamation.
- Consumerism and waste products.
- Environment Protection Act.
- Air (Prevention and Control of Pollution) Act.
- Water (Prevention and control of Pollution) Act
- Wildlife Protection Act
- Forest Conservation Act
- Issues involved in enforcement of environmental legislation.
- Public awareness.

**REFERENCE**

a) Agarwal, K.C. 2001 Environmental Biology, Nidi Pubi. Ltd. Bikaner.

b) Sharucha Erach, The Biodiversity of India, Mapin Publishing Pvt. Ltd., Ahmedabad — 380 013., India, Email:mapin@icenet.net (R)

c) Brunner R.C., 1989, Hazardous Waste Incineration, McGraw Hill Inc. 480p

d) Clark R.S., Marine Pollution, Clanderson Press Oxford (TB)

e) Cunningham, W.P. Cooper, T.H. Gorhani, E & Hepworth, M.T. 2001, Environmental Encyclopedia, Jaico Publ. House, Mumabai, 1196p

f) De A.K., Environmental Chemistry, Wiley Eastern Ltd.

g) Down to Earth, Centre for Science and Environment (R)

h) Gleick, H.P. 1993. Water in crisis, Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute Oxford Univ. Press. 473p

i) Hawkins R.E., Encyclopedia of Indian Natural History, Bombay Natural History Society, Bombay (R)

j) Heywood, V.H & Waston, R.T. 1995. Global Biodiversity Assessment. Cambridge Univ. Press 1140p.

k) Jadhav, H & Bhosale, V.M. 1995. Environmental Protection and Laws. Himalaya Pub. House, Delhi 284 p.

l) Mckinney, M.L. & School, R.M. 1996. Environmental Science systems & Solutions, Web enhanced edition. 639p.

m) Mhaskar A.K., Matter Hazardous, Techno-Science Publication (TB)

n) Miller T.G. Jr. Environmental Science, Wadsworth Publishing Co. (TB)

o) Odum, E.P. 1971. Fundamentals of Ecology. W.B. Saunders Co. USA, 574p

p) Rao M N. & Datta, A.K. 1987. Waste Water treatment. Oxford & IBH Pubi. Co. Pvt. Ltd. 345p.

q) q) Sharma B.K., 2001. Environmental Chemistry. Geol Pubi. House, Meerut

r) Survey of the Environment, The Hindu (M)

s) Townsend C., Harper J, and Michael Begon, Essentials of Ecology, Blackwell Science (TB)

t) Trivedi R.K., Handbook of Environmental Laws, Rules Guidelines, Compliances and Stadards, Vol I and II, Enviro Media (R)

u) Trivedi R. K. and P.K. Goel, Introduction to air pollution, Techno-Science Publication (TB)

v) Wanger K.D., 1998 Environmental Management. W.B. Saunders Co.Philadelphia, USA 499p

(M) Magazine      (R) Reference      (TB) Textbook

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## VALUE EDUCATION - U13VE

Semester :V

Value Education Course

Instruction Hours/Week: 2

Credit: 2

### UNIT 1: PHILOSOPHY OF LIFE

Human Life on Earth ( Kural 629), Purpose of Life ( Kural 46) Meaning and Philosophy of Life( Kural 131, 226) The Law of Nature (Kural 374) Glorifying All form of Life in this Universe (Kural 322, 327) – Protecting Nature /Universe (Kural 16, 20, 1038)

### UNIT 2: INDIVIDUAL QUALITIES

Basic Culture (Kural 72, 431) Thought Analysis (Kural 282, 467, 666) Regulating desire (Kural 367), Guarding against anger (Kural 158, 305, 306, 314), To get rid of Anxiety (Kural 629), The Rewards of Blessing (Kural 3), Benevolence of Friendship (Kural 786), Love and Charity (Kural 76), Self – tranquility/Peace (Kural 318)

### UNIT 3: SOCIAL VALUES (INDIVIDUAL AND SOCIAL WELFARE)

Family (Kural 45), Peace in Family (Kural 1025), Society (Kural 446), The Law of Life (Kural 952), Brotherhood (Kural 807) , The Pride of Womanhood (Kural 56) Five responsibilities/duties of Man : a) to himself, b) to his family, c) to his environment, d) to his society, e) to the Universe in his lives (Kural 43, 981), Thriftness (Thrift)/Economics (Kural 754), Health (Kural 298), Education (Kural 400), Governance (Kural 691), People's responsibility/ duties of the community (Kural 37), World peace (Kural 572)

### UNIT 4: MIND CULTURE

Mind Culture (Kural 457) Life and Mind - Bio - magnetism, Universal Magnetism (God – Realization and Self Realization) - Genetic Centre – Thought Action – Short term Memory – Expansiveness – Thought – Waves, Channelising the Mind, Stages - Meditation (Kural 261, 266, 270), Spiritual Value (Kural 423)

### UNIT 5: TENDING PERSONAL HEALTH

Structure of the body, the three forces of the body, life body relation, natural causes and unnatural causes for diseases (Kural 941), Methods in Curing diseases (Kural 948, 949)  
The Five units, simple physical exercises.

### Books for Reference:

1. Philosophy of Universal Magnetism (Bio-magnetism, Universal Magnetism) The World Community Service Centre Vethatri Publications (for Unit IV)
2. Pope, G.U., Dr. Rev., Thirukkural with English Translation, Uma Publication, 156, Serfoji Nagar, Medical College Road, Thanjavur 613004 (for All Units)
3. Value Education for Health, Happiness and Harmony, The World Community Service Centre Vethatri Publications Rs 35/- (for All Units)

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## **SOFT SKILLS - U13SS**

**Semester :V**

**Soft Skills**

**Instruction Hours/Week: 2**

**Credit: 2**

### **Learning objective**

Today's world is all about relationship, communication and presenting oneself, one's ideas and the company in the most positive and impactful way. This course intends to enable students to achieve excellence in both personal and professional life.

### **Unit I**

Know Thyself / Understanding Self

Introduction to soft skills self discovery – Developing positive attitude – Improving perceptions – Forming values.

### **Unit II**

Interpersonal Skills/ Understanding Others

Developing interpersonal relationship –Team building –group dynamics –Net working-Improved work relationship

### **Unit III**

Communication Skills/ Communication with others

Art of Listening –Art of reading –Art of speaking –Art of writing –Art of writing emails-e mail etiquette

### **Unit IV**

Corporate Skills/ Working with Others

Developing body language –Practising etiquette and mannerism – Time management – Stress management.

### **Unit V**

Selling Self/ Job Hunting

Writing resume /cv-interview skills – Group discussion –Mock interview Mock GD –Goal setting –Career planning

### **TEXT BOOKS**

Meena. K and V.Ayothi (2013) A Book on Development of Soft Skills (Soft Skills: A Road Map to Success) P.R. Publishers & Distributors, No, B-20 &21, V.M.M Complex, Chatiram Bus Stand, Tiruchirapalli -620 002.

(Phone No: 0431-2702824: Mobile No: 94433 70597, 98430 7442)

Alex K. (2012) Soft Skills – Know Yourself & Know the World, S.Chand & Company LTD, Ram Nagar, New Delhi -110 055.

Mobile No: 94425 14814(Dr.K.Alex)

## REFERENCE BOOKS

- (i) Developing the leader within you John C Maxwell
- (ii) Good to Great by Jim Collins
- (iii) The Seven habits of highly effective people Stephen Covey
- (iv) Emotional Intelligence Daniel Goleman
- (v) You can Win Shive Khera
- (vi) Principle centred leadership Stephen Covey

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## GENDER STUDIES - U13GS

**Semester : VI**

**Gender Studies Course**

**Instruction Hours/Week :1**

**Credit : 1**

### Objectives

To make boys and girls aware of each other strengths and weakness

To develop sensitivity towards both genders in order to lead an ethically enriched life.

To promote attitudinal change towards a gender balanced ambience and Women empowerment

### Unit-I

Concepts of Gender: Sex-Gender-Biological Determinism- Patriarchy- Feminism -Gender Discrimination -Gender Division of Labour -Gender Stereotyping-Gender Sensitivity - Gender Equity —Equality-Gender Mainstreaming Empowerment

### Unit-II

Women's Studies Vs Gender Studies: UGC's Guidelines - VII to XI Plans- Gender Studies: Beijing Conference and CEDAW-Exclusiveness and Inclusiveness.

### Unit III

Areas of Gender Discrimination: Family Sex Ratio-Literacy -Health -Governance Religion Work Vs Employment- Market - Media - Politics Law Domestic Violence — Sexual Harassment — State Policies and Planning

### Unit-IV

Women Development and Gender Empowerment: Initiatives International Women's Decade - International Women's Year - National Policy for Empowerment of Women - Women Empowerment Year 2001- Mainstreaming Global Policies.

## Unit-V

Women's Movements and Safeguarding Mechanism:— In India National / State Commission for Women (NCW) - All Women Police Station Family Court- Domestic Violence Act - Prevention of Sexual Harassment at Work Place Supreme Court Guidelines - Maternity Benefit Act - PNDT Act - Hindu Succession Act 2003 Eve Teasing Prevention Act - Self Help Groups 73 and 74 Amendment for PRIS.

## References

- Bhasin Kamala, Understanding Gender: Gender Basics, New Delhi: Women Unlimited 2004
- Bhasin Kamala, Exploring Masculinity: Gender Basics, New Delhi: Women Unlimited, 2004
- Bhasin Kamala, What is Patriarchy? : Gender Basics, New Delhi: Women Unlimited, 1993
- Pernau Margrit Ahmad Imtiaz, Reifeld Hermut (ed.) Family and Gender: Changing Values in Germany and India, New Delhi: Sage Publications, 2003
- Agarwal Bina, Humphries Jane and Robeyns Ingrid (ed.) Capabilities, Freedom, and Equality: Amartya Sen's Work from a Gender Perspective, New Delhi: Oxford University Press, 2006
- Rajadurai.S.V, Geetha.V, Themes in Caste Gender and Religion, Tiruchirappalli: Bharathidasan University, 2007
- Misra Geetanjali, Chandiramani Radhika (ed.) Sexuality, Gender and Rights: Exploring Theory and Practice in South and Southeast Asia, New Delhi: Sage Publication, 2005
- Rao Anupama (ed.) Gender & Caste: Issues in Contemporary Indian Feminism, New Delhi: Kali for Women, 2003
- Saha Chandana, Gender Equity and Gender Equality: Study of Girl Child in Rajasthan, Jaipur: Rawat Publications, 2003
- Krishna Sumi,(ed.) Livelihood and Gender Equity in Community Resource Management New Delhi: Sage Publication, 2004
- Wharton .S Amy, The Sociology of Gender: An Introduction to Theory and Research, USA: Blackwell Publishing, 2005.
- Mohanty Manoranjan (ed.) Class, Caste, Gender: Readings in Indian Government and Politics- 5, New Delhi: Sage Publications, 2004.
- Arya Sadhna, Women, Gender Equality and the State, New Delhi: Deep & Deep Publications, 2000.

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