

**NATIONAL COLLEGE (Autonomous)**  
Nationally accredited at A level by NAAC  
Tiruchirapalli-620001

**Programme Structure for B.A Tamil under CBCS**  
**For candidates admitted from the academic year 2013-14 onwards**

Semester	Part	Course	Course Title	Ins tru Hrs Per week	week Credit	Exam hr	CIA Marks CIA	W	O	Total Marks
<b>I</b>		<b>SEMESTER-I</b>								
	I	Language course-I(LC-I)	Language	6	3	3	25	75		100
	II	English Language course I - (ELC-I)	English	6	3	3	25	75		100
	III	Core Course I-(CC-I)	Ikkala Ilakiyam	5	5	3	25	75		100
		Core Course II-(CC-II)	Yaaperunkalakkaarikai	6	5	3	25	75		100
		First Allied Course (IAC-I)	Nadagaviyal	5	3	3	25	75		100
	IV	Skill Based Elective Course I (SBEC-I)	Office Automation	2	2	3	25	75		100
		<b>Total</b>		<b>30</b>	<b>21</b>					<b>600</b>
<b>II</b>		<b>SEMESTER-II</b>								
	I	Language course-II (LC-II)	Language	6	3	3	25	75		100
	II	English Language course II- (ELC-II)	English	4	2	3	25	75		100
		Communicative English Course I-(CEC I)	Communicative English	2	1	3	25	70	5	100
	III	Core Course III (CC III)	Sitirilakkiyangal	5	5	3	25	75		100
		First Allied Course II(I ACII)	Ilakkiya Thiranaivu	6	3	3	25	75		100
		First Allied Course III (I AC III)	Ilakkiya Varalaru	5	3	3	25	75		100
	IV	Environmental Studies (ESC )	Environmental Studies	2	2	3	25	75		100
		<b>Total</b>		<b>30</b>	<b>19</b>					<b>700</b>
<b>III</b>		<b>SEMESTER-III</b>								
	I	Language course-III (LC-III)	Language	6	3	3	25	75		100
	II	English Language course III- (ELC-III)	English	4	2	3	25	75		100
		Communicative English Course II (CEC II)	Communicative English	2	1	3	25	70	5	100
	III	Core Course IV (CC IV)	Nannuhl Yeluththathigaram (Khandigaiyurai)	5	5	3	25	75		100
		Core Course V (CC V)	Bakthi Ilakkiyam	5	5	3	25	75		100
		Second Allied Course I (2 AC I)	Thamizhaga Varalarum Panpadum	4	3	3	25	75		100
	IV	Skill Based Elective Course –II (SBEC –II)	Desktop Publishing	2	2	3	25	75		100
		Skill Based Elective Course –III (SBEC –III)	Office Automation & Desktop Publishing - LAB	2	2	3	25	75		100
		<b>Total</b>		<b>30</b>	<b>23</b>					<b>800</b>

<b>IV</b>		<b>SEMESTER-IV</b>								
	I	Language course-IV (LC-IV)	Language	6	3	3	25	75		100
	II	English Language course IV- (ELC-IV)	English	6	3	3	25	75		100
	III	Core Course VI (CC VI)	Nannuhl Sollathigaram (Khandigaiyurai)	6	5	3	25	75		100
		Second Allied Course II (2 AC II)	Thamizhaga Varalarum Panpadum (ki.pi 13 ahm Nootrandu Muthal 20 ahm Nootranduvarai)	5	3	3	25	75		100
		Second Allied Course III (2 ACIII)	Nattuppuraviyal	5	3	3	25	75		100
	IV	Non Major Elective –I(NMEC I)	Capital Market Operations/ Introduction to Management	2	2	3	25	75		100
		<b>Total</b>		<b>30</b>	<b>19</b>					<b>600</b>
<b>V</b>		<b>SEMESTER-V</b>								
	III	Core Course VII (CC-VII)	Kappiyangal	5	5	3	25	75		100
		Core Course-VIII (CC-VIII)	Dhandiyalangaram	5	5	3	25	75		100
		Core Course IX (CC-IX)	Nambiyagapporul	5	5	3	25	75		100
		Major Based Elective Course I (EC-I)	Suttrulaviyal	5	4	3	25	75		100
		Major Based Elective Course II (EC-II)	Idhazhgalukku Yezhuthuthal	4	4	3	25	75		100
	IV	Non Major Elective Course II (NMEC II)		2	2	3	25	75		100
		Value Education Course (VEC)	Value Education Course	2	2	3	25	75		100
		Soft skills		2	2	3	25	75		100
			<b>Total</b>	<b>30</b>	<b>29</b>					<b>800</b>
<b>VI</b>		<b>SEMESTER-VI</b>								
	III	Core Course X (CC-X)	Padaipilakkiam	6	5	3	25	75		100
		Core Course-XI (CC-XI)	Thamizhin Semmozhi Panbugal	6	6	3	25	75		100
		Core Course XII CXXII)	Purapporul Venbhamaalai	6	6	3	25	75		100
		Core Course XIII (CC XIII)	Sanga Ilakkiyam	6	6	3	25	75		100
		Major Based Elective Course III (EC-III)	Thamizharin Vazhipadugalum Vizhakkalum	5	4	3	25	75		100
		Gender Studies (GSC)		1	1	3	25	75		100
			<b>Total</b>	<b>30</b>	<b>28</b>					<b>600</b>
	<b>V</b>	<b>Extension Activities</b>		---	<b>1</b>					
		<b>Grand Total</b>		<b>180</b>	<b>14</b>					<b>4000</b>

nraAs; (, ffly , yffpak) > ci uei l > rWfi j > , yffpa 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 tpaPd; Gfo;  
ghuj ehL  
ghuj gj hrd; ftpi j fs; : j kppd; , 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 NghLfphd> mtd; \$W NghLfphd;  
ehkffy; ftpQu; ghl yfs; : , sej kpDfF  
fz z j hrd; ftpi j fs; : ghLtJ ehdy

**myF - 2:**

mgJy; uFkhd; : kz ;  
i tuKj J : ghuj p epi df;fggLfphd;  
Nkj j h : nrUgGl d; xU Ngl b  
kbh : Nt fK> j kppggwW>  
Ruz l ykhk?>  
rptgGehl h> fhj Nyh fhj y>  
gof;fk; nghyjhj J  
, d;Fyhg; : xU Gddi fr; rkpfj fahy;  
mKj ghuj p : i ` f\$  
ehl LgGwg; ghl yfs; : xgghupg; 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  
GJi kggj j d; - j kph; ehfupfj j py;

**fphkthofj f**

fyfp - Gi dfspd; Nti y eWj j k;  
rpvd; mz z hJ i u - gwW  
R[ hj h - fl Ts; , Uf;fpwhuh?

**myF - 4: rWfi j:**

tpay; fhyk; - Ki dtu; , uh.ghyRgukz pad;

**myF - 5:**

**, yffjpa tuyhW** - , Ugg hk; E)wwhz l  
(Gj pdk> ehl fk; eb;fyhf)

**gadKi wj j kp;** - tykpFk; tj pfspd; nj hFgG  
kpfhi kf;Fupa tj pfs;  
(eyy j kp; vOj Ntz lkh  
gf;260 - 290.

**ghl E)y;**

1. nraAs> c i uei l - fy;Y)up ntspaL
2. rpwfi j - tpay;fhyk>  
Ki dtu; , uh. ghyRgukz pad;
3. , yffjpa tuyhW - nghJ
4. gadKi wj j kp; - eyyj kp; vOj Ntz lkh>  
m.fj guej hkdu> gf;260-290

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**nraAs; (, i l fhy , yffjak> Gj pdk> , yffjpa tuyhW**  
**nraAs;U13T2**

**gUtk; ll**

**fwgpfFk; fhyk; : 6**

**ghl k; : ll**

**j ugGssp : 3**

**myF - 1**

- 1.1 j pUQhdrkgej u; Nj thuk; j pUfNfhbf;fh j pUj j yk; (11 ghl yfs) , dW..
- 1.2. j pUehTff;furu; Nj thuk; j pUgGfY); j pUj j yk; (10 ghl yfs) kUsth..
- 1.3. Rej uu; Nj thuk; j pUthi df;fh j pUj j yk; (10 ghl yfs); ki wfs;..
- 1.4. khz pff;fthrfu; j pUthrfk; - j pUntkghi t (10 ghl yfs) Mj pAk;..

**myF - 2**

- 2.1. Mz l hs; j pUgghi t (10 ghRuq;fs) Xq;fp
- 2.2. nj hz l ubgnghbaho;thu; j pUkhi y (10 ghRuq;fs) gri r
- 2.3. j pUgghz ho;thu; mkydhj ppuhd; (10 ghRuq;fs)
- 2.4. FyNrfuho;thu; ngUKhs; j pUnkhop (11 ghRuq;fs) CNdW

**myF - 3**

- 3.1. - Kj ;J fFkhurhkp gpsi sj j kp; (2 ghl yfs)
- 3.2. - eej pff;fykgfk; - 5 ghl yfs;
- 3.3. - Kf;\$l wgsS - 5 ghl yfs;
- 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.- rppwyffpak; [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 j i yrrhj j dhu)- Mj pi u gpi rapl j fhi j

**myF - 2**

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

**myF - 3**

5. , NaRfhtpak; (fz z j hrd) - ki ygnghoT
6. rWhgGuhz k; (c kWgGytu) - khDf;Fg; gpi z epdw gl yk;

**myF - 4 :**

7. j z z B; j z z B; (Nfhky; Rthkphj d)- ehl fk;

**myF - 5**

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

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

**gUtk; : IV**

**ghl k; : IV**

**fwgpfFk; fhyk; : 6**

**j ugGssp : 3**

**myF - 1**

1. FWenj hi f - 10 ghl y;fs; (8>18>25>40>58>99>131>135>167>196)
2. ewwpi z - 5 ghl y;fs; (1> 3> 16> 30> 355)
3. l qFE}W - 10 ghl y;fs; (nryT mOqFtjj j ggj ;J)

**myF - 2**

4. fyij nj hi f - 2 ghl y;fs; (FwpQrpf;fyp15> Kyi yf;fyp11)
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 pJfFws; - mwj ;Jgghy; 5 mj pfhuf;fs; (11> 13> 14> 43> 47)

**myF - 4**

8. gj ȳggħl Ł - Kyi ygghl Ł KŌtJk; (egGj dhu)

**myF - 5**

, yf;fpa tuyhW-vl Łj nj hi f> gj ȳggħl Ł> gj ȳndz ; fb;fz f;F> nkhoggapwrp - nghJ f;f;Li u (nghJ mwȳT> ehl Łel gG> rKj ha Nehf;F gwwȳad)

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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.usingenglish.com](http://www.usingenglish.com)  
                                       Owl-online writing lab  
                                       MIT-open course ware  
                                       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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**, f fhy , y f f p k ; - U13TL1**

<b>gUtk; - I</b>		<b>Fw p a l l v z ; CCI</b>
<b>fw g p f F k ; f h y k ; 5</b>		<b>j u g G s s p 5</b>
<b>myF – 1.</b>	ft p i j - Neau t p U g g k ; - m g j y ; u F k h d ; (Ne-dy; gg s p u ; ] > 2004)	
<b>myF – 2</b>	c i u e i l - n j a t j u p r d k ; - f z z j h r d ; (fz z j h r d ; g j p g g f k > 2010)	
<b>myF – 3</b>	Gj p d k ; - j f d k ; - M z l h s ; g u p a j u ; p d p (e p A + n r Q R u p G f ; ` T ] > 2001)	
<b>myF – 4</b>	r p W f i j - N j u e n j L f f g g l l r p W f i j f s ; (j k p o h a ; T j ; J i w n t s p a l l > N j r p a f ; f y ; Y } u p )	
<b>myF – 5</b>	e h l f k ; - C Q r y ; - R [ h j h ( t p r h g g s p N f - d ; ] > 2003)	

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**ahggUqfyf; fhup f - U13TL2**

<b>gUtk; - I</b>		<b>Fw p a l l v z ; CCII</b>
<b>fw g p f F k ; f h y k ; 6</b>		<b>j u g G s s p 5</b>
<b>myF – 1:</b>	g h a p u k > v O j ; J > m i r > r l ;	
<b>myF – 2:</b>	c W g g p a y ; : j i s > m b > n j h i l	
<b>myF – 3:</b>	n r a A s p a y ; : n t z g h > M r p u p a g g h k w W k ; g h t p w ; F u p a m b A k ; X i r A k ;	

**myF - 4:**

nraAspay; : fypggh> tOrpggh> kUl gh

**myF - 5:**

xogpay; : \$d> tpfhuk> ti fAsp thoj J> ti r> tdgG> nghUsNfhs;

**ghl E)y;**

ahggUq;fyf;fhupi f - fof ntspal

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**rpyyffpafs; - U13TL3**

**gUtk; - II**

**Fwalf L vz ; CCIII**

**fwgpfFk; fhyk; 5**

**j ugGssp 5**

**myF - 1**

fypq;fj Jg; guz p - fhL> Nfhapy> Nj tp ghbaJ> , uhrgekgi u

**myF - 2**

%tUyh - tpf;fpuk NrhoDyh gFj p kl Lk;

**myF - 3**

kbhl rpaki k gpsi sj j kp; - Kj j ggUtk; kl Lk;

j pUtq;fj j ej hj p - Kj y; 25 ghl yfs;

**myF - 4**

mofu; fpsi s tL J}J

**myF - 5**

ehy;tu; ehd;kz pki y - KOtJk;

**ghui t E)y;fs;**

Nkwgb E)y;fs; - fof ntspal

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**edD)y; vOj j j pfhuk; (fhz bi fAi u) - U13TL4**

**gUtk; - III**

**Fwalf L vz ; CCIV**

**fwgpfFk; fhyk; 5**

**j ugGssp 5**

**myF 1:** ghapuk> rpwgGg; ghapuk> nghJ gghapuk;

**myF 2:** vOj j pay;

**myF 3:** gj tpay;

**myF 4:** c apulWg; Gz upay;

**myF 5:** nkaalWg; Gz upay> c UG Gz upay;

**ghl E)y;**

edD)y; - fof ntspal

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**gfj p , yffjak; - U13TL5**

**gUtk; - III**

**FwpaL vz ; CCV**

**fwgpfFk; fhyk; 5**

**j ugGssp 5**

**myF 1: Nj thuk;**

- Qhdrkgej u; - j pUgguhaj ;i w gj pfk; - 10 ghl yfs; (eW NrutJ)
- ehTf;furu; - j pUntWkgrAu; gj pfk; - 10 ghl yfs; (tUkgr CWtNI y)
- Rej uu; - j pUgghrrpyhrrpuk; - 10 ghl yfs; (i tj j dd; j dNF)

**myF 2: j pUthrfk;**

- khz pffthrfu; - gbj j gj ;> mrNrhggj pfk;

**myF 3: j pta gmejk;**

- Gj j j ho;thu; - , uz ; hk; j pUtej hj p
- ekkho;thu; - mdNg j fsjah - 1-50 ghl yfs;
- j pUthankhop - Kj wgj ; 'c autu'

**myF 4: rpwpyffjak;**

- mgpukp mej hj p - KOi kAk;

**myF 5:**

- , NaRfhtpak;** - %dwhk; ghfk; - 'nghJ tho;T'
- rWhgGuhz k;** - thUqfs; vdgpdNd> urk; j Be;J tp ; J
- c LkG Ngrpa gl yk;

**ghui t E)yfs;**

- Nkwgb E)yfs;

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**, yffz k; - 3> edD)y; nrhyj pfuk; (fhz bi fAi u); - U13TL6**

**gUtk; - IV**

**FwpaL vz ; CCVI**

**fwgpfFk; fhyk; 6**

**j ugGssp 5**

**myF - 1** ngaupay;

**myF - 2** tpi dapay;

**myF - 3** nghJ tpay;

**myF - 4** , i l apay;

**myF - 5** c upapay;

**ghl E)y;**

- edD)y; - fof ntspaL

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**fhggpaqfs; - U13TL7**

**gUtk; - V**

**FwpaL vz ; CCVII**

**fwgpfFk; fhyk; 5**

**j ugGssp 5**

**myF - 1**

- rpyggj pfuk; - kJi uf;fhz ; k; 16 - 20 fhi j fs;
- kz pNkfi y - 11 - 12 fhi j fs;

**myF – 2**

rPt frpej hkz p - gJi kahu; , ykgfk;

**myF – 3**

fkguhkhaz k; - mNahj j pah fhz j k; - kej i u #orng; gl yk;

**myF – 4**

ngupaGuhz k; - j pUeyfz j u; Guhz k;

**myF – 5**

tpyyghuj k; - c Y}fd; J}JrrUffk;

**ghj t E}yfs;**

Nkwgb E}yfs; - fof ntspaL

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**, yffz k; - 4> j z bayqfhuK; - U13TL8**

**gUtk; - V**

**FwpaL vz ; CC VIII**

**fwgpfFk; fhyk; 5**

**j ugGssp 5**

**myF – 1**

j di kaz p c ti kaz p

**myF – 2**

c Utf mz p j Pt f mz p NtwWgnghUs> NtwWi kaz p tpyffz p

**myF – 3**

xI j z p j w;FwpgNgwwk> VJ> El gk> , Nyrk;

**myF – 4**

epyeji u> Ri taz p j dNkkghl jLi u> gupahatz p rNy i l .

**myF – 5**

mtEj p xgGi k> khWgLGfoepi yaz p GfohgGforrpaz p thoj j z p ghtpfk;

**ghl E}y;**

j z bayqfhuK; - fof ntspaL

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**RwWyhtpaY; (tjUgggghl k) - U13TL9E**

**gUtk; - V**

**FwpaL vz ; EC I**

**fwgpfFk; fhyk; 5**

**j ugGssp 4**

**myF – 1:** RwWyhtpaY; - tpsffk; - RwWyh , di wa tho;ty; ngWk; , l k; - RwWyhtpd; tpi sTfs; - edi kfs; - j l kfs; - RwWyh gaz gz p epWtdk; - mj d; gz pfs; - RwWyh tLj pfs;

**myF – 2:** gddhl jG; gaz pfs; - j kpfk; tej RwWyhg; gaz pfs; - Athd; Rthq; - ghfjahd; khuNfh NghNyh – gaz qfs; kwWk; FwpgGfs;

**myF - 3:** , ej p̄ah̄t̄p̄y; R̄w̄W̄ȳh t̄surr̄p - j k̄p̄; ehl̄ b̄y; R̄w̄W̄ȳh t̄surr̄p - R̄w̄W̄ȳh̄t̄p̄d;  
gad̄f̄s; - ḡz ḡh̄l̄L̄g; ḡūp̄k̄h̄w̄w̄k; - t̄z p̄f̄ t̄surr̄p - n̄gh̄Ūsh̄j̄ h̄u t̄surr̄p -  
N̄t̄i ȳ th̄aḡG.

**myF - 4:** R̄w̄W̄ȳh̄t̄p̄d; t̄op m̄w̄p̄aȳh̄F̄k; f̄i ȳ> ḡz ḡh̄L̄ r̄k̄ak̄> t̄uȳh̄w̄W̄r; r̄p̄d̄d̄q̄f̄s; -  
j k̄p̄f̄j̄ j̄p̄y; R̄w̄W̄ȳh ī k̄aq̄f̄s; - R̄w̄W̄ȳh t̄op̄f̄h̄l̄ b̄f̄s; - j̄ F̄j̄ p̄f̄s;

**myF - 5:** R̄w̄W̄ȳh f̄of̄q̄f̄s> ḡaz K̄f̄t̄ūf̄s; - R̄w̄W̄ȳh̄i t̄j; n̄j h̄op̄y; N̄eh̄f̄f̄p̄y; t̄suj̄ j̄ y;  
- j k̄p̄f̄j̄ j̄p̄y; R̄w̄W̄ȳh t̄surr̄p̄f̄f̄h̄d th̄aḡḠf̄s;

**ghuj t E)yfs;**

R̄w̄W̄ȳh̄t̄p̄ay; - kh. , uhr̄N̄rf̄u j̄ q̄f̄k̄z p̄ n̄f̄h̄q̄F̄ ḡj̄ p̄ḡḡf̄k̄> 2006.

j̄ k̄p̄p̄y; ḡaz , ȳf̄f̄p̄ak; - l̄ h̄f̄l̄ u; , uh. Q̄hd̄Ḡ\̄ ḡk̄>

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**gadghl Lj ; j k̄p̄; (t̄p̄Ūgḡḡh̄l̄ k) - U13TL10E**

**gUtk; - V**

**F̄w̄p̄al̄ L̄ v̄z ; EC II**

**fwgpfFk; fhyk; 4**

**j̄ ūḡḠs̄s̄p 4**

**myF - 1:**

t̄yp̄ k̄p̄F̄j̄ y; t̄yp̄ k̄p̄F̄j̄ Ȳk; k̄p̄f̄h̄i k̄Āk; t̄yp̄ k̄p̄F̄k; t̄j̄ p̄f̄s̄p̄d; n̄j̄ h̄F̄ḡḠ - t̄yp̄  
k̄p̄f̄h̄i k̄f̄F̄ūp̄a t̄j̄ p̄f̄s;

**myF - 2:**

v̄s̄p̄a r̄ej̄ p̄ t̄j̄ p̄f̄s; - r̄ej̄ p̄ K̄i w̄f̄s; - j̄ k̄p̄p̄y; t̄oq̄F̄k; t̄l̄n̄k̄h̄op̄ , ȳf̄f̄z̄ k̄;  
n̄r̄h̄w̄n̄w̄h̄l̄ ūg; ḡp̄p̄ḡj̄ ; j̄ t̄W̄f̄s; f̄l̄l̄ī ū t̄ī f̄f̄s;

**myF - 3:**

t̄h̄f̄f̄p̄a t̄ī f̄f̄S̄k; m̄i k̄f̄F̄k; K̄i w̄f̄S̄k; v̄Oj̄ J̄k; n̄r̄h̄ȳȲk; t̄h̄f̄f̄p̄aj̄ j̄ p̄w̄F̄f̄;  
f̄Ūt̄p̄f̄s; - t̄h̄f̄f̄p̄a t̄uȳh̄W̄ - t̄h̄f̄f̄p̄ak; v̄d̄w̄h̄y; v̄d̄d̄? - t̄h̄f̄f̄p̄a t̄ī f̄f̄s; - f̄Ūj̄ J̄  
t̄ī f̄ - n̄r̄aj̄ p̄ t̄h̄f̄f̄p̄ak; - t̄p̄d̄h̄ t̄h̄f̄f̄p̄ak; - t̄p̄ī ōT̄ t̄h̄f̄f̄p̄ak; - c̄z̄ ūr̄r̄p̄ t̄h̄f̄f̄p̄ak; -  
m̄i k̄ḡḠ t̄ī f̄: j̄ d̄p̄ t̄h̄f̄f̄p̄ak; - n̄j̄ h̄l̄ u; t̄h̄f̄f̄p̄ak; - f̄ȳī t̄ t̄h̄f̄f̄p̄ak; - n̄j̄ h̄l̄ ūf̄ȳī t̄  
t̄h̄f̄f̄p̄ak; - j̄ j̄ī z̄ t̄p̄t̄p̄ K̄b̄j̄ y; - k̄W̄k̄ȳūr̄r̄p̄ t̄h̄f̄f̄p̄aq̄f̄s;

**myF - 4:**

m̄W̄ḡj̄ n̄j̄ l̄L̄ t̄j̄ k̄h̄d̄ t̄h̄f̄f̄p̄a t̄Ōf̄f̄S̄k; j̄ p̄Ūj̄ j̄ q̄f̄S̄k;

**myF - 5:**

c̄l̄d̄ḡh̄l̄L̄ t̄p̄ī d̄ī ā v̄j̄p̄k̄ī w̄ t̄p̄ī d̄ah̄f̄ k̄h̄w̄W̄j̄ y; - j̄ d̄t̄p̄ī d̄ī ag; ḡw̄t̄p̄ī d̄ah̄f̄  
k̄h̄w̄W̄j̄ y; - n̄r̄at̄p̄ī d̄ī ar; n̄r̄aḡḡh̄l̄L̄ t̄p̄ī d̄ah̄f̄ k̄h̄w̄W̄j̄ y; N̄euf̄;\$̄w̄ī w̄ m̄aw̄;\$̄w̄w̄h̄f̄  
k̄h̄w̄W̄j̄ y; - x̄Nū f̄Ūj̄ j̄ j̄ %d̄W̄ t̄j̄ k̄h̄f̄ k̄h̄w̄w̄p̄f̄; \$̄W̄j̄ y;

**ghuj t E)yfs;**

ēyȳ j̄ k̄p̄; v̄Oj̄ N̄tz̄ l̄L̄k̄h̄ - m̄.f̄p̄ḡuēj̄ h̄k̄d̄h̄u;

c̄q̄f̄s; j̄ k̄p̄ī ōj̄; n̄j̄ ūp̄ēJ̄n̄f̄h̄s̄S̄q̄f̄s; - j̄ k̄p̄z̄ z̄ y> r̄ūN̄th̄j̄ , ȳf̄f̄p̄ag; ḡz̄ ī z̄ >  
k̄J̄ī u.

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**ekgpa fgnghUs; - U13TL11****gUtk; - V****Fwpa l vz ; CC IX****fwgpfFk; fhyk; 5****j ugGssp 5****myF - 1** gha utpay;**myF - 2** mfj j pi z apay> fstpay;**myF - 3** ti utpay;**myF - 4** fwgpay;**myF - 5** xogpay;**ghl E)y;**

ekgpa fgnghUs; - fof ntspaL

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**gi l ggyf;fak; - U13TL12****gUtk; - VI****Fwpa l vz ; CC X****fwgpfFk; fhyk; 6****j ugGssp 5****myF - 1**rpfj j vOj j y; rpfj j f;fhd rKj har; rpf;fy;fs; Fi wghl hd ghj j uq;fs;  
msth d tUi z i d Kj yhd twi wf; nfhz l l eJ gffq;fS fF kpfhky; rpfj j  
vOj j y;**myF - 2**kuGf; ftj j f;fhd i kagnghUi s mbggi l ahffnfhz l 20 mbfS fF kpfhky;  
ftj j vOj j y; - myyJ GJ f;ftj j vOj j y;**myF - 3**xuqf ehl fk; vOj j y; thndhyp myyJ nj hi yffhl rpf myyJ j pi ugl j j wF  
toqf;fgLk; Røi yfnfhz l l eJ fhl rpfS fF kpfhky; xuqf ehl fk; vOj j y; 20**myF - 4**NehKf tUi z vOj j y; Nfhay; j utph fi y gz ghl l tph tj sahl l tph  
Mfjad gwpa NehKf tUz i z fi s thndhyp nj hi yffhl rpf vOj j y; goFj y;**myF - 5**ci uei l f; fl li u vOj j y; mwptpay; c stpay; r%ftpay; fytpay;  
nghUspay; j fty;fi sf; nfhz l l eJ gffq;fS fF kpfhky; fl li u vOj j y; goFj y;**ghh t E)y;fs;**

1. ftp ghl yhk; - fpth.l. mKj epi yak;
2. vOj tJ vggb? - godpaggh guj u] ; ntspaL.
3. Gj pa ci u ei l - kh. , uhkyq;fk> j kpg; Gj j fhyak> nr di d.
4. eyyj kpo; vOj Ntz lkh? - m.fpg.

**FwgG**

1. **vOj ;Jj; Nj uT:** myf wF xU tpdh (myyJ Ki w) vdw mi kgyy; l eJ tpdhf;fs;  
(5x10=50)

2. **nraKi wj; Nj uT:** myf<sub>pw</sub>F gj J kj igngz ffs; vdw Ki way; nraKi wj; Nj ui tj;  
j dNa el j j p 50 kj igngz ffs; toqf<sub>gg</sub>l Ntz Lk;

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**j kp; nkhop tuyhWk; nrknkhopAk; - U13TL13**

**gUtk; - VI**

**Fw<sub>pa</sub>l L vz ; CC XI**

**fwg<sub>f</sub>Fk; fhyk; 6**

**j ugG<sub>ss</sub>p 6**

**myF - 1**

j kp; nkhop<sub>pd</sub>; nj hdi k - r<sub>pw</sub>gG<sub>f</sub>fs; - nkhop<sub>f</sub>FLkg<sub>q</sub>fs; - j <sub>pu</sub>ht<sub>pl</sub> nkhop<sub>f</sub>s; -  
j <sub>pu</sub>ht<sub>pl</sub> nkhop<sub>f</sub>s<sub>pd</sub>; ti ffs; - r<sub>pw</sub>gG<sub>f</sub>fs;

**myF - 2**

j kp; , yf<sub>fz</sub> tuyhW - l ej <sub>y</sub>f<sub>fz</sub> k; - ki we; J Nghd<sub>></sub> tof<sub>f</sub>y; c ss j kp;  
, yf<sub>fz</sub> E<sub>y</sub>fs; m<sub>w</sub>pK<sub>f</sub>k;

**myF - 3**

nj hy<sub>f</sub>hgg<sub>ak</sub>; - vl Lj nj hi f - gj J gghl L - gj <sub>ndz</sub> f<sub>b</sub>f<sub>fz</sub> f<sub>f</sub> -  
, i wadhuf<sub>s</sub>t<sub>pay</sub>; - r<sub>y</sub>ggj <sub>f</sub>huk; - kz <sub>nk</sub>fi y - Kj nj hssh<sub>ap</sub>k; - nj hFgG  
Ki wfs;

**myF - 4.**

j k<sub>por</sub>; nrknkhop<sub>pd</sub>; gz Gfs; - j d<sub>ij</sub> j di k - nj hdi k - j k<sub>por</sub>; nrt<sub>t</sub>pay;  
, yf<sub>f</sub>pa<sub>q</sub>fs;

**myF - 5**

j <sub>pu</sub>ht<sub>pl</sub> nkhop<sub>pd</sub>k; - j kp; - vOj J - vz ffs;

**ghl E<sub>y</sub>;**

K. tuj uhr<sub>d</sub>hu; - nkhop tuyhW  
Nr<sub>h</sub>k. , stuR - j kp; , yf<sub>fz</sub> tuyhW.  
g. kUj ehafk; - j k<sub>por</sub>; nrt<sub>t</sub>pay; j Fj <sub>f</sub>s;

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**GwngnghUs; ntz ghkhi y - U13TL14**

**gUtk; - VI**

**Fw<sub>pa</sub>l L vz ; CC XII**

**fwg<sub>f</sub>Fk; fhyk; 6**

**j ugG<sub>ss</sub>p 6**

**myF - 1** ntl r<sub>gg</sub>l yk<sub>></sub> fuei j ggl yk;

**myF - 2** nehr<sub>r</sub>gg<sub>l</sub> yk<sub>></sub> c opi Qgg<sub>l</sub> yk;

**myF - 3** Jki ggg<sub>l</sub> yk<sub>></sub> tQ<sub>r</sub>gg<sub>l</sub> yk;

**myF - 4** thi fgg<sub>l</sub> yk<sub>></sub> fhQ<sub>r</sub>gg<sub>l</sub> yk;

**myF - 5** ghl hz gl yk;

**ghl E<sub>y</sub>;**

GwngnghUs; ntz ghkhi y - fof nts<sub>pa</sub>L.

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**rqf , yffjak; - U13TL15**

**gUtk; - VI**

**FwpaL vz ; CC XIII**

**fwgpfFk; fhyk; 6**

**j ugGssp 6**

**myF - 1**

ewwpi z - 41 - 50

FWenj hi f - 21 - 40

**myF - 2**

I qFWEJW - mddha; thog; gj :J

fyj nj hi f - FwQrpf;fyp (37 - 46)

**myF - 3**

GwehD}W - xsi tahu; ghl yfs;

gj pwWggj :J

- , uz :J hk; gj :J

**myF - 4**

gl bdgghi y - KOi kAk;

**myF - 5**

Kj nj hsshapuk; - Nruu; (1 - 10)> Nrhou; (23 - 32)> ghz bau; (52 - 61)  
nkhj j k; 30 ghl yfs;

**ghl E}y;**

Nkwgb E}yfs; - fof ntspaL.

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**j kphpd; toghLFS k; tphffS k; - U13TL16E**

**gUtk; - VI**

**FwpaL vz ; EC III**

**fwgpfFk; fhyk; 5**

**j ugGssp 4**

**myF - 1**

j kphpd; nj hy; toghL rqf fhy toghL> rpyggj pfhuj j py; toghL

**myF - 2**

toghl by; rkaqfs; i rtk; i tz tk; rkz k> ngsj j k; Mfpatwwpd; c l ghpTfs;

**myF - 3**

toghl L Ki wfs> Gi rgnghUl fs; Gi rKi w> Gi r nraNthh; tuj qfs; NehdGfs;  
ekgrfi ffs;

**myF - 4**

j pfnfhay; mi kgGk; toghl L Ki wfs k; mbath; toghL rhj j p toghL Nj hej p  
toghL

**myF - 5**

rl qfFS k; ekgrfi ffs k; toghl L Ki wfs py; vOej khwwqfS k; mj wfhd  
fhyr#oYk;

**ghuj t E)yfs;**

kf;fs; tof;fhwvpay; - r. KUfhdej k;  
j pUfNfhay;fsy; nj hoy; rKj ha c wTfs; - Ki dtu; , uh[ Nrfud;  
kf;fs; tho;ty; kej ur; rl qFfs; - Nj . QhdNrfud;  
kuG toghL - f.g. mwthz d;  
i rtrka tpsfF - e.RgGnul bahu;

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**ehl ftay; - U13ATL1**

**gUtk; - I**

**FwpaL vz ; AC I**

**fwgpfFk; fhyk; 5**

**j ugGssp 3**

**myF - 1:**

ehl fk; - tpsf;fk; - j kpo; ehl fj j pd; Nj hwwk; - \$j ;J> ehl fk; - fhyeNj hWk; tsurrrp

**myF - 2:**

j kpo; j Oty; ehl fq;fs; (kNdhdKz pak; fi j ai kgG)

**myF - 3:**

ehl f Nki l f;fhd c j j pfs; nkagghL - thagghL xggi d - muqf mi kgG -  
ci uahl y; c j j pfs;

**myF - 4:**

ehl ff; FO;fs; - ehl f KdNdhbfs; - ehl j; j wdha;Tfs; - , di wa epi y.

**myF - 5:**

ehl f ti ffs; - tuyhW - Guhz k; - r%fr;rbj pUj j k; - thndhyp - nj hi yf;fhl rp -  
, j of;fs; - nkho;ngaugG ehl fq;fs;

**ghuj t E)yfs;**

1. MW. mofggd> j kpehl fj ; Nj hwwKk; tsurrrAk> mz z hki yg; gy;fi yf;fofk;
2. b.Nf. rz Kfk> ehl ff; fi y> vd;rp;pv; ntspaL> nrdi d.
3. uh. FkhuNty> j kpo; ehl f tsurrrp
4. K. j q;fuhR> Nki l ehl fq;fs> mz z hki yg; gy;fi yf;fofk;
5. t;Nf. , uhkrhk; vdJ Nki l ehl fq;fs;

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**, yf;fpa; j j wdha;T - U13ATL2**

**gUtk; - II**

**FwpaL vz ; AC II**

**fwgpfFk; fhyk; 6**

**j ugGssp 3**

**myF - 1:**

, yf;fpa; - ti uai w> , yf;fpaKk; tho;fi fAk; Xu; xgGNehfF - , yf;fpa; j pd;  
ghFghLfs; nj hy;fhggpa;pd; , yf;fpa; c z urrrpfs; - fUj ;J> c z urrrp fwi d>  
tbtk; Nghdw , yf;fpa;f; \$Wfs;

**myF - 2:**

j pwdha;T tpsffk; - j pwdha;thsu; ahu? j pwdha;thsupd; j Fj pfs; - j pwdha;tpd; gadfs; - j kpj; j pwdha;thsu;fspy; Fwggpl j j f;ftu;fs; - i fyhr gj p rptj j kgp m.r.Qh.> t.Rg.kh> K.t> nj .ngh.kp i tahGuggjsi s MfNahu;

**myF - 3:**

j kppy; j pwdha;T Nj hdwpa tuyhW - nj hy;fhggpak> j pUfFws> fhggpa ci uahrpau;fs; gwwpa fUj ;Jffs; - j pwdha;T gwwpa , di wa NghfF - ci uahrpau; j pwdha;thsu;fsh?

**myF - 4:**

j pwdha;tpd; ti ffs; - gi lG top kuG top tj pKi w> KUfjay;Ki w tpsffKi w> kjggll ;LKi w> tuyhwWKi w> %yghl Ki w> tho;fi f tuyhwW top xggll ;L Ki wj j pwdha;T gwwpad.

**myF - 5:**

, yffpa , affq;fs> etbj; j pwdha;tpd; mZ FKiwfs; -Gi dtjay> r%ftjay> cstjay> nj hdktjay> gbktjay> Fwpa ll bay> khuf;rlak> ngz z pak> j yij j pak; - j kp; , yffpaq;fSId; xU ghui t.

**ghui t E)yfs;**

- K. tuj uhrdhu; - , yffpa j j pwd , yffpa kuG.
- m.rh. Qhdrkgej d; - , yffpa ffi y
- K.i t. mutpej d; - ci uahrpau;fs;
- j h.V. Qhd%uj j p - , yffpa j j pwdha;tpay;
- e. grrKj ;J - j pwdha;Tk; j kp; , yffpa f; nfhs; i ffs k;

\*\*\*\*\*

**, yffpa tuyhW - U13ATL3**

**gUtk; - II**

**Fwpa ll vz ; AC III**

**fwgpfFk; fhyk; 5**

**j ugGssp 3**

**myF - 1: rqqfhyk; - rqqf; kUtpa fhyk;**

nj hy;fhggpak; - rqqfhyk; - Krrqq;fqs; - ghl ;Lk; nj hi fAk; - nj hFgGKi w - rpwgGfs; - rqqf; Gytufs; - gj ndz ; fbf;fz f;F E)yfs; - I kngUq;fhggpaq;fs;

**myF - 2: gyytu> Nrhou; fhyk;**

i rt , yffpaq;fs; gddpU j pUKi wfs; - i tz t , yffpaq;fs; ehyhapu j pt;tpa gpej k; - I QrpW fhggpaq;fs; - fkguhkhaz k; - ngupaGuhz k; - gpw , yffpaq;fs;

**myF - 3: ehaffu; fhyk;**

rppwyffpaq;fs; - mej hj p - J}J> khi y - Nfhi t - guz p - fykgfk> cyh - gpsi sj j kp; - Nfhi t - gsS> FwtQrp - mUz fpehj u> FkuFUguu; - fhsNkfgGytu; - rptggpufhru; - j dpgghl yfs;

**myF - 4: I Nuhggau; fhyk;**

j hAkhd tu; ghl yfs; - kbhl rp Rej ukgsi s - , uhkypqf mbfs; - Ntj ehafk; gpsi s - fpwj j tu;fspd; j kpoggz p - , ] yhkpauf;fspd; j kpj nj hz ;L.

**myF - 5: , fhky;**

kuGf;ftpi j - ghuj pahu; - ghuj pj hrd; - ftpkz p - ehkff;fy; ftpQu; - thz pj hrd; -  
Kbaurd; - fz z j hrd; - ci uei l : c.Nt.rh - ki wki y mbfs; - v] ;  
i tahGuggpsi s - uh.gp NrJggpsi s - j pU.tpf - K.t. - t.Rg. khz pf;fk;  
Kj yhNdhu; - ehl fk;

**ghui t E)yfs;**

K. tuj uhrdhu; - j kpo; , yff;pa tuyhW - rhf;g j pa mfhnj kp ntspaL  
Nj rpa;fy;Y}up ntspaL - , yff;pa tuyhW.  
j kpoz z y; - Gj pa Nehf;fy; j kpo; , yff;pa tuyhW> kbhl rp Gj j f epi yak> kJi u.

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**j kpf tuyhWk; gz ghLk; (12Mk; E)wwhz L ti u) - U13ATL4**

**gUtk; - III**

**FwpaL vz ; AC IV**

**fwgpfFk; fhky; 4**

**j ugGssp 3**

**myF 1:**

j kpf tuyhWwf;F Kej pa j kpfk; tuyhWwf;fhd mbggi l r; rhdWfs; rpe;Jntsp  
Muharrp - rpf fhyr; rKj ha tho;T- rpf fhy kddu; MI rp Ki w- rpf fhyf; fy;tp  
Ki w- rpf fhyj;Jf; fi yfs; rka thof;f- nghUshj hu tho;T.

**myF 2:**

fsggpa; tuyhW - fsggpa; fhky; , Uz;l fhykh?- j kpf;j py; epfk toghl;l  
Ki w- gyytu; ahu? - gyytr; rpwurufs; - gyytu; rhS f;pa; Nghl b- gyytu;  
, uhl bu\$lu; c wT- gyytu> ghz bau; c wT.

**myF 3:**

gyytu; fhy murpa; tsurrp - r%fg; nghUshj hu epi y- gyytu; fi yj; nj hz L-  
rka epi y - gfj p , affk; fy;tpAk; , yff;paKk;

**myF 4:**

Nrhous; tuyhW - gpw;fhyr; Nrhog; Nguurp; Nj hwwKk; vOrrpAk; Nrhous; MI rp  
Ki w- Nfhap; gz pfs; Nrhous;fyf; fi y , yff;pa tsurrp rkaepi y- Nrhous;fyk;  
nghw;fhykh?

**myF 5:**

ghz bag; Nguurp; Nj hwwk> vOrrp tbr;pf;fhd fhuz qfs; gpw;fhyg; ghz baufsp;L  
fi y , yff;pa; rkag; gz pfs;

**ghui t E)yfs;**

j kpf tuyhW kf;fS k; gz ghLk; - Nf.Nf. gpsi s> c yfj j kphuharrp epWtdk;  
j kpf tuyhWk; gz ghLk; - m. j l rpz h%uj j p  
j kpf tuyhWk; gz ghLk; - Nt.j p nryyk;

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**j kpf tuyhWk; gz ghLk; (fpgp 13 Mk; E)wwhz L Kj y; 20Mk; E)wwhz Lt i u)- U13ATL5**

**gUtk; - IV**

**FwpaL vz ; AC V**

**fwgffk; fhyk; 5**

**j ugGssp 3**

**myF - 1**

j kpfj j py; , Ryhkpa gi l naLgG - gi l naLggpd; tpi sTfs; - j kpfj j py; tpra efuj j pd; Mj pffk; - j kpfj j py; tpra efu Ml rpa; tpi sT - j Qi r kuhl bauufs; tuyhW.

**myF - 2**

j kpfj j py; ehaf;fufsp; Ml rp - Ml rpKi w - fi yj nj hz Lfs; - rKj ha tho;T.

**myF - 3**

l Nuhggpau;fsp; tUi f - Mw;fhL> j Qi r muRfS l d; Mq;fNyau; i fahz j nfh;si f - j kpfj j py; Mq;fyf; f;pf;f;ej;pa;f; fkngdp t;pt;hf;fk; - Mq;fyf; fkngdp;pd; e;ij; p;e;u;th;fk; - Nky; ehl Lf; fy;tpAk; Mq;fyf; fkngdp;ahu; fy;tp Ki wAk;

**myF - 4**

ghi saf; fhu;fsp; vOrrp - nj dd;ej;pa t;Lj i yg; Gul rp - NtY}uf; fyfk; - 19Mk; E)wwhz by; j kpfj j py; mbi k Ki w xoj j y; - 19Mk; E)wwhz by; j kpfj j py;Ue;J nts;phL;f;S;f;F;f; Fbngauj y;

**myF - 5**

t;Lj i yf;Fg; gp; j kpfk; - nkhop top khe;py mi kgG;f;fs; - j kpf mur;pa;py; , uhr;rpAk; fhkuhrUk; - j kpfj j py; <Nt.uht;pd; nj hz L - Ml rpg; nghWggpy; j ;ht;pl;f; fofq;fs; - , Ugj hk; E)wwhz by; rka tho;tp; guz hkq;fs;

**ghj t E)jyfs;**

j kpf tuyhW kf;f;S;k; gz ghLk; - Nf.Nf. g;si s> c yfj ; j kphuharr; e;Wtdk;

j kpf tuyhWk; gz ghLk; - m. j l r; p; h%uj j p

j kpf tuyhWk; gz ghLk; - Nt.j p nryyk;

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**ehl LgGwt;pa; - U13ATL6**

**gUtk; - IV**

**FwpaL vz ; AC VI**

**fwgffk; fhyk; 5**

**j ugGssp 3**

**myF - 1**

ehl LgGwt;pa; - t;sf;fk; - ehl LgGw , yf;f;paq;fs; Nj hdWtj w;fhdr; #oy; - kdij cz utpd; nts;pgghL ehl LgGwt;pa; - ehl LgGw , yf;f;paq;fi sg; ghJ fhj j y; - j kpf ehl Lg; Gwt;pa;pd; tuyhW.

**myF - 2**

ehl LgGw;f;fi yfs; - e;f;oj;J;f; fi yfs> e;f;oj;j;hf; fi yfs; - ekg;f;fi ffs; - gof;ft;of;f;q;fs; - t;Lfi j fs; - gonkhop;fs; - goq;Fb kf;f;sp; fi yfs;

**myF - 3**

toghL Ki wfs; - ngUenj at> r;Wnj at toghL - Fynj at toghL - Mtp toghL - , awi f toghL - j ;Utpoh;f;fs;

**myF – 4**

gpmgG Kj y; , wgGti u c ss rlqFfs; - tpi sahl Lfs; - rFdk; ghuj j y; -  
 , yf;fpaq;fsy; ehl LgGwtpay; \$Wfs;

**myF – 5**

ehl LgGw , yf;fpa ti ffs; - ghl y;fs; - fi j fs; - fi j gghl y;fs; - Guhz f;fi j fs;  
 - ehl LgGw kUj;J t Ki wfs; - nj horyEl g gukxz q;fs; - nfhi yrrp;J.

**ghuj t E)j;fs;**

ehl LgGwtpay; Ma;T – R. rfj pNty> kz pthrfu; gj pggfk;  
 ehl LgGw , yf;fpa j j pd; nry;thf;F – R. rz ;KfRej uk> fht;ah gj pggfk;  
 ehl ; hu; tof;fhwwpy; rpy mbggi l fs; - Nj . Yju;J> ehl ; hu; tof;fhwwpay; Ma;T i kak> 1987  
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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 Brocher / 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), Thriftiness (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
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