

j kpha;Tj ;J i w> Nj rpa;f;fy;Y}up (j ddhl rj)> j pUrrp;hgg;ss; - 1.

Kj w; gUtk;

j hs; nkhogghl k; - 1 nraAs; (, f;fhyk)> ci uei l> rWfi j > , yf;f;pa;tu;yhW

U16T1

fwgpf;Fk; fhyk; 6 kz p

j ugG;ss;pf; 3

myF 1: ghuj ;pahu; - gukng;hUs; thoj ;J
ghuj ;j hrd; - eb;f;Ns nrhy;Yq;fs;
ft;kz p - Nfht;py; tog;hL
gl ;L;f;N;f;hl ;j l ahu; - xz z hap;U;f;f;Z k; mz z hrrp
ehk;f;fy;yu; - Rj ej ;uk; ahJ?

myF 2: fz z j hrd; - Ntz ;Lk; Ntz ;Lk;
thyp - Gddi f kddd;
i tuK;j ;J - ghuj ;p epi d;f;f;gg;L;f;whd;
K.Nkj;j h - RtUk; ge;J k;
mg;J;y; uFkhd; - j twhd vz ;

myF 3: ci uei l:

1. guk;gi u;f;f;Z k; - c .Nt.rh
2. fy;t; - ahogghz k; ng;hd;d;kg;yg;gs;i s
3. , yf;f;pa;Kk; r%f;Kk; - v] ;i tahG;gg;gs;i s
4. fi yAk; fwi dAk; - uh.g;Nr;J;gg;gs;i s
5. Fws; fhl ;Lk; newp - f;M.ng.t;R;teh; k;
6. , awi ff; fhl r;f;s; - f;th.[feeh; d;
7. rka , yf;f;pa;q;f;s;py; mwnewp - Fdwf;Fb mbfshu;

myF 4: rWfi j:

1. j ei j Ak; kFDk; - fy;f;p
2. fl TS k; fej rhk;gg;gs;i sAk; - GJ i kg;gj ;j d;
3. ej ;gg; p t;f;f;h;dh; - mz z hJ i u
4. Kj y;g;pb; - e.g;pr;r%;uj ;j p
5. fhf;j c wT - R.rK;j ;j uk;
6. kNd;hg;ht;k; - tyyp;f;z z d;
7. kd;j ae; j uk; - t;ej d;
8. gri r;f;f;dT - yh.r. uhkhk;pu; j k;

myF 5: tyyp;k; k;f;K; , l q;f;s> tyyp;k; k;f;h , l q;f;s;
, yf;f;pa; tu;yhW (trdft;pi j > GJ f;f;tpi j > ci uei l> rWfi j kl ;Lk)

ghl E};y: j k;po; - Kj wgUtk; - Nj rpa;f;fy;Y}up nts;pa;L
, yf;f;pa;tu;yhW - Nj rpa;f;fy;Y}up nts;pa;L

**j kpha;Tj ;J i w> Nj rpa;ffy;Y}up (j ddhl rj> j pUrrp;hggssp – 1.
, uz ; hk; gUtk;**

**j hs; nkhogghl k; - 2 nraAs; (gfj p mw , yff;paqfs)> Gj pdk> , yff;pa tuyhW.
U16T2**

fwgpfFk; fhyk; 6 kz p

j ugGssps; 3

myF 1: j pUQhdrkgej u; - j pUthi df;fh gj pfk; - ki oahu; kpl whkO thS i laha;.
j pUehTf;furu; - tpl k; j t; j gj pfk; - xdW nfhyhk; mtu; rpei j Aauti u
ngupahothu; - j pUtuq;fk; ghRuk; 2 - kutbi aj ; j kgpf;F
FyNrfuu; - t; j ; t f; Nfhl ;L mkkhi d Ntz ;b epwvy; - j UJ auk;...10

myF 2: tssyhu; - j pUtUl gh - ngwhgNgW - Mth vdwi d MI nfhz ; Us p.10
j hAkhdtu; - gdkhi y - gdkhi y j pus;Uf;f...9
, NaRfht;pak; - c ti k top nraj p - fl Nyhuk; xUehs; VR epdwhu;.
Fz q;Fb k] j hd; - epuhkaffz z p – 1-25 fz z pfs;

myF 3: ehd;kz pff;bi f: (ghl y; vz ;fs; 6> 10> 12> 16> 31> 38> 45> 56> 69> 75)
ehybahu; (ghl y; vz ;fs; 2> 29> 35> 77> 95> 109> 114> 172> 248> 269)
rpWgQr%yk; (ghl y; vz ;fs; 9> 12> 16> 26> 32> 39> 63> 82> 85> 90)
, dpai t ehwgJ: Kj y; gj ; ghl y;fs;

myF 4: Gj pdk; - fdd;pfh - uFehj d; J i w nts;paL

myF 5: , yff;pa tuyhW (i rtk;i tz tk;r;kz k;ngsj ; j k;f;pvj ; tk> Kfkj ;pak;
kwWk; Gj pdk; gww;pad kl ;Lk)

ghl E}y; j kpo; - , uz ; hk;gUtk; - Nj rpa;ffy;Y}up nts;paL.

fdd;pfh - rll j gj ;ggf nts;paL> nr;di d.

, yff;pa tuyhW - Nj rpa;ffy;Y}up nts;paL.

j kpha;Tj ;J i w> Nj rpa;fy;Y}up (j dahl rð)> j þUrrpuhggsSp – 1.

%dwhk; gUtk;

j hs; nkhogghl k; - 3 nraAs; (fhggpak)> ehl fk> , yffpa; tuyhW

U16T3

fwgpfFk; fhyk; 6 kz p

j ugGssps; 3

myF 1: rpyggj pfhuk; - eluggi l fhi j

kz pNkfi y - ghj j þuk; ngww fhi j

myF 2: fkguhkhaz k; - Aj j fhz ;l k; - , ej þurj ;J ti j ggl yk;

ngupaGuhz k; - fz z gg ehadhu; Guhz k;

myF 3: Nj kghtz p - tsd; rdj j gl yk;

rþvhgGuhz k; - khDfFg; gpi z epdw gl yk;

ghQrhyp rgj k; - #j hl ;l r; rUffk;

myF 4: ehl fk; xj j pi f – m. , uhkrhkþ (vdr;pgvr; ntspalL)

myF 5: , yffpa; tuyhW (fhggpak> Guhz k> ehl fk; gwwpad kl ;Lk)

ghl E}y: j kþo; - %dwhkgUtk; - Nj rpa;fy;Y}up ntspalL.

xj j pi f – m. , uhkrhkþ (vdr;pgvr; ntspalL)

, yffpa; tuyhW - Nj rpa;fy;Y}up ntspalL.

PAPER 1 – PROSE, SHORT STORY AND GRAMMAR

PROSE

Prescribed Text Book

INDI GADYA PRABHAKAR, Ed. Dr. Hiranma Shiksha Bharathi, shmiri Gate, Delhi-06.

Prescribed Lessons

- | | | |
|------------------------------------|----|-----------------------|
| 1. Bharat Eke hay | By | Ramdhari Singh Dinkar |
| 2. Japan Mein kaya dekka | By | Premchand |
| 3. Jeevan ke theen pradhan baathey | By | Acharya Vinobabavey |

SHORT STORY

Prescribed Text Book

KAHANI VIVDHA, V. Mahadeven, Trichy.

Prescribed Lessons

- | | | |
|------------------|----|---------------------------|
| 1. Idhaah | By | Premchand |
| 2. Usne kaha tha | By | chandradhar Sharma guleri |

GRAMMER

Prescribed Portion

1. Noun
2. Verb
3. Gender (Change the gender only)
4. Number (Change the number only)
5. Aarth and Ultey Sabdh Likeye

Reference Book

VYAKARANPRADEEP

By Ramdev, Saraswathi Prakashan, Varansi

UNITISED SYLLABUS
PAPER 1 – PROSE, SHORT STORY AND GRAMMAR

Semester – I

Time 3 Hrs

Max Marks 75

UNIT- 1

- 1.Noun
- 2.Bharath Eke Hai
- 3.Gender

UNIT- 2

- 1.Gender
- 2.Idhgaah
- 3.Jaapan mein kya dheka

UNIT- 3

- 1.Jeevan ke theyeen pradhan bhathey
- 2.Idhgaah
3. Number

UNIT-4

- 1.Ling Badhaliye, Vachan Badhaliye
2. Verb
- 3.Aarth (Meanings) Likeye

UNIT-5

- 1.Aarth (Meanings) Likeye
- 2.Ultey Sabdh (opposite) Likeye

QUESTION PAPER PATTERN

SECTION- A (20 Marks)

- | | | |
|-------------------------------|--------------|-----------|
| I 1. Change the Gender (Ling) | 10/12 | (10Marks) |
| 2. Change the Number (Vachen) | 10/12 | |

SECTION- B (25 Marks)

II. One Question from each unit (either or)

- | | | |
|---------------------|--------------|---------|
| 1. From Prose | (1 out of 2) | 5 Marks |
| 2. From Short story | (1 out of 2) | 5 Marks |
| 3. From Grammar | (1 out of 2) | 5 Marks |
| 4. Meanings 5 nos | (Either or) | 5 Marks |
| 5. Opposites 5 nos | (Either or) | 5 Marks |

SECTION- C (3x10=30 Marks)

III. One Question from each unit (Three out of five)

- 1. From Prose**
2. From Prose
3. From Short Story
4. From Grammar
5. From Grammar

U16H2

Semester – II

PAPER II – COMPREHENSION, DRAMA, GRAMMAR-II, GENERAL ESSAY AND TRANSLATION – I

COMPREHENSION : General Paragraph from Anuvadh
Abyas Bah – 3, Dakshina Bharath Hindi
Prachar Sabha, Chennai – 17.

DRAMA

:
Prescribed Text Book : Subodh Hindi patamala – 2
Dakshina Bharath Hindi
Prachar Sabha, Chennai – 17.

Prescribed Portion : **APPOORVA THYAG**
By Balashori Reddy

GRAMMAR – II

Prescribed Portion : 1. Pronoun
2. Adjectives
3. Adverb
4. Case Endings
(Definition and Name of types only)
5. Paryavachay Sabdh

Reference Book : **VYAKARANPRADEEP**
By Ramdev, Saraswathi Prakashan, Varansi

GENERAL ESSAY

Prescribed Book : Subodh Hindi Rachna – 2
Dakshina Bharath Hindi
Prachar Sabha, Chennai – 17

Prescribed Portions : 1. Priya Theohar
2. Gaayi
3. Samachar pathra

TRANSLATION -1

Prescribed Book : Anuvadh Abyas Bah – 1,1 to 10 lessons
Dakshina Bharath Hindi
Prachar Sabha, Chennai – 17

Prescribed Portions : 1 to 10 Lessons

UNITISED SYLLABUS
PAPER II – COMPREHENSION, DRAMA, GRAMMAR-II, GENERAL ESSAY
AND
TRANSLATION – I

Semester – II

Time 3 Hrs

Max Marks 75

UNIT- 1

Comprehension

Aproova Thyag

Pronoun

Translation 1,2

UNIT- 2

Comprehension

Aproova Thyag

Adjectives

Translation 3,4

UNIT- 3

Comprehension

Priya Theohar

Adverb

Translation 5,6

UNIT-4

Comprehension

Gaayi

Case Endings

Translation 7,8

UNIT-5

Comprehension

Samachar pathra

Paryavachaye Sabdh

Translation 9,10

QUESTION PAPER PATTERN

SECTION- A (20 Marks)

I . Answer all the Questions:

- (a) Write Same meaning (Paryavachi) 10 x 1 = 10
(Each word two meaning must) – 10/12
- (b) Answer in one sentence (Any 5) 5 x 2 = 10

SECTION- B (25 Marks)

II. One Question from each unit (either or)

- | | | |
|-----------------------------------|--------------|---------|
| 1. From Drama | (1 out of 2) | 5 Marks |
| 2. From Grammar | (1 out of 2) | 5 Marks |
| 3. From Grammar | (1 out of 2) | 5 Marks |
| 4. Translation (Hindi to English) | (Either or) | 5 Marks |
| 5. Translation (English to Hindi) | (Either or) | 5 Marks |

SECTION- C (3x10=30 Marks)

III. One Question from each unit (Three out of five)

1. From General Essay
2. From General Essay
3. From Grammar
4. From Grammar
5. Comprehension

SEMESTER – III
PAPER III – MODERN AND MEDIEVAL POETRY, DIALOGUE
WRITING AND TRANSLATION – II

1. POETRY

Book Name : 1. KAVYA SAURABH
2. SUBODH HINDI – 2
Pub. Dakshina B. Hindi P.Sabha
Chennai.
Prescribed Lessons : 1. Samaya
2. Chhah

1.Kabir key Dhohay 1to 5
2.Thulsi key Dhohay 1to 5
3.Rahim key Dhohay 1 to 5

2. DIALOGUE WRITING : 1. Doctor Aur Marij
2. Kithab key Dhukhan
3.Pariksha key Bharey Mein

3. TRANSLATION - II

Prescribed Book : Anuvadh Aabyas Bah – 1,
Dakshina Bharath Hindi
Prachar Sabha, Chennai – 17

Prescribed Portions : 11 to 20 Lessons

UNITISED SYLLABUS
PAPER III – MODERN AND MEDIEVAL POETRY, DIALOGUE
WRITING AND TRANSLATION – II

UNIT- 1

Samya

Kabir key Dhohay

Translation 11, 12

UNIT- 2

Chhah

Thulsi key Dhohay

Translation 13, 14

UNIT- 3

Rahim key Dhohay

Dialogue – Doctor Aur Marij

Translation 15, 16

UNIT-4

Dialogue – Kithab key Dhukan

Poetry Review

Translation 17, 18

UNIT-5

Dialogue – Parisha key Bharey mein

Translation 19,20

QUESTION PAPER PATTERN

SECTION- A (20 Marks)

I. Answer in one sentence

10 x 2 = 20 Marks

SECTION- B (25 Marks)

II. One Question from each unit (either or)

1. Annotation from modern poetry (1 out of 2) 5 Marks
2. Annotation from modern poetry (1 out of 2) 5 Marks
3. Short Notes from Poetry (1 out of 2) 5 Marks
4. Translation (Hindi to English) (Either or) 5 Marks
5. Translation (English to Hindi) (Either or) 5 Marks

SECTION- C (3x10=30 Marks)

III. One Question from each unit (Three out of five)

1. Summary of Modern Poetry
2. Summary of Medieval Poetry
3. Summary of Medieval Poetry
4. Dialogue Writing
5. Dialogue Writing

U16H4
SEMESTER - IV
PAPER IV – FUNCTIONAL HINDI, GENERAL ESSAY, GRAMMAR – III AND
TRANSLATION – III

1. LETTER WRITING

Prescribed Book	:	Abinav Patralekhan Hindi Parchar Sabha Chennai.
Prescribed Portion	:	1. Leave Letter 2. Placing Order for Books 3. Complaints Letter 4. Permission Letter for Tour

2. TECHNICAL TERMS

Prescribed Book	:	Hindi Vatayan, by Dr.Chandra Mohan Vishavidyalay Prakashan, Varansi.
Prescribed Portion	:	Annexure enclosed

3. GENERAL ESSAY

Prescribed Book Hindi	:	Nibandh Praveshika, Dakshina Bharath Prachar Sabha, Chennai – 17
Prescribed Portions	:	1. Pushtakalaya 2. Pradhusan 3. Vidhyarthi Jeevan

4. GRAMMAR – II

Prescribed Portions	:	1. Tense (Kal parivarthan) 2. Correct the Sentence (Sudha Keyjiye)
Reference Book	:	Vyakaranpradeep, by Ramdev, Saraswathi Prakashan, Varansi.

5. TRANSLATION – III

Prescribed Book	:	Anuvadh Aabyas Bah – 2, Dakshina Bharath Hindi Prachar Sabha, Chennai – 17
Prescribed Portions	:	1 to 10 Lessons

UNITISED SYLLABUS
PAPER IV – FUNCTIONAL HINDI, GENERAL ESSAY, GRAMMAR – III AND
TRANSLATION – III

Semester – IV

Time 3 Hrs

Max Marks 75

UNIT- 1

Leave Letter

Technical Terms

Pushthakalaya

Translation 1,2

UNIT- 2

Placing Order for Books

Technical Terms

Pradhusan

Translation 3,4

UNIT- 3

Compliant Letter

Vidhyarthi Jeevan

Technical Phrases

Translation 5,6

UNIT-4

Permission Letter for Tour

Technical Phrases

Kal Parivarthan (Change the Tense)

Translation 7,8

UNIT-5

Kal Parivarthan (Change the Tense)

Sudha Keyjiye (Correct the Sentence)

Translation 9,10

QUESTION PAPER PATTERN

SECTION- A (20 Marks)

I. Answer all the Questions:

10x2 = 20 Marks

Write 10 Technical Terms in Hindi

10/12

(Only Designation)

SECTION- B (25 Marks)

II. One Question from each unit (either or)

- | | | |
|---|--------------|---------|
| 1. Change the Tense | (5 out of 7) | 5 Marks |
| 2. Correct the Sentence | (5 out of 7) | 5 Marks |
| 3. Technical Phrases (English to Hindi) 5 nos | (Either or) | 5 Marks |
| 4. Technical Phrases (Hindi to English) 5 nos | (Either or) | 5 Marks |
| 5. Translation (Hindi to English) | (Either or) | 5 Marks |

SECTION- C (3x10=30 Marks)

III. One Question from each unit (Three out of five)

1. From General Essay
2. From General Essay
3. From Letter Writing
4. From Letter writing
5. Translation (10nos) English to Hindi

Subject Code:U16S1

National College (Autonomous) Tiruchirapalli
Language Programme Part I Sanskrit Semester I
Paper I - Sanskrit - I

(For the students admitted from the the academic year June 2016 onwards)

Time: 3 Hours

Maximum Marks: 75

Unit I

देवनागरी लिपि: - परिचयः

- १। स्वराः (१५)
- २। व्यञ्जनानि (३३)
- ३। संयुक्ताक्षराणि
- ४। संयुक्ताक्षराणां लेखनप्रकारः
- ५। विसर्गस्य प्रयोगः तस्य उच्चारणप्रकारश्च।

Unit II

कर्तृपदानि - परिचयः

- १। अकारान्त-शब्दाः (पुंलिङ्गः)
देवः
- २। अकारान्त-शब्दाः (नपुंसकलिङ्गः)
फलम्
- ३। लिङ्गाः - सामान्यविधिः
अ। पुलिङ्गः
आ। स्त्रीलिङ्गः
इ। नपुंसकलिङ्गः
- ४। लिङ्गः वचनम् विभक्तिः च
केवलम् एकवचनम् बहुवचनम् च
- ५। अनुवाद-अभ्यासः -
अ। आङ्गल/तमिल् भाषातः संस्कृते
आ। संस्कृतात् आङ्गल/तमिल् भाषायाम्

Unit III

१। क्रियापदानि (परिचयः)

- १। वर्तमानकाले परस्मैपदिनः धातवः
अ। अन्यपुरुषः/प्रथमपुरुषः
आ। मध्यमपुरुषः
इ। उत्तमपुरुषः
ई। एकवचनम्
उ। बहुवचनम्।

Unit III (continued)

	२। क्रियापदानि - धातवः - एकवचन-बहुवचन-मात्रम् अ। गम् (गच्छ) आ। पठ् इ। क्रीड् ई। वद्
३। अव्ययाः	तत्र, अत्र, कुत्र, यत्र, तदा, यदा, कदा, इदानीम्, शीघ्रम्, अपि, सह, एव, तु, किम्, च (१५)
४। अन्ये अकारान्त-कर्तृपदानि	अश्वः, बालकः, सूर्यः, मनुष्यः, हस्तः, अध्यापकः, इत्यादीनि (१०)
५। अनुवाद-अभ्यासः	अ। आङ्गल/तमिल् भाषायाः संस्कृते आ। संस्कृतात् आङ्गल/तमिल् भाषायाम्

Unit IV

१। विभक्ति-अन्त प्रत्ययानां आदेशाः	अ। चतुर्थी विभक्ति-प्रत्ययस्य - अर्थम् इति आदेशः आ। पञ्चमी विभक्ति-प्रत्ययस्य - तः इति आदेशः
२। तृतीया विभक्तिः	अ। सह सार्धम् साकं इति अव्ययानां उपयोगः
३। प्रश्न-निर्माण-पदानि	किम्, कुत्र, कथं, किमर्थं, कुतः, कदा
४। क्रियापदानि - (द्वितीय-स्तरः)	वर्तमानकाले परस्मैपदिनः धातवः भू (भव्), कृ (कर्), अस्, धाव्, पठ्, आ-गच्छ् केवलम् एकवचनम् बहुवचनम् च
५। अनुवाद-अभ्यासः	अ। आङ्गल/तमिल् भाषायाः संस्कृते आ। संस्कृतात् आङ्गल/तमिल् भाषायाम्

Unit V

१। विशेषण-विशेष्यौ

अ। शुक्ल - नील - पीत - रक्त - हरित - कपिश -
कृष्ण वर्णाः।

आ। संख्या-वाचक-पदानि (० तः ९ पर्यन्तम् मात्रम्)

इ। सुन्दरः - सुन्दरी - सुन्दरम् ,
मधुरः - मधुरा - मधुरम् इत्यादयः।

२। विभक्तीनां पुनः परिचयः (द्वितीयस्तरः)
अकारन्त-शब्दः पुंलिङ्गः/नपुंसकलिङ्गः

१। प्रथमा विभक्तिः
२। द्वितीया विभक्तिः
३। तृतीया विभक्तिः
४। चतुर्थी विभक्तिः

३। विभक्तीनां पुनः परिचयः (तृतीयस्तरः)
अकारन्त-शब्दः पुंलिङ्गः/नपुंसकलिङ्गः

५। पञ्चमी विभक्तिः
६। षष्ठी विभक्तिः
७। सप्तमी विभक्तिः
८। सम्बोधन-प्रथमा विभक्तिः

४। सर्वनाम-पदानि (अन्यपुरुषः/प्रथमपुरुषः)

१। सः - एषः
२। सा - एषा
३। तत् - एतत्
प्रथमा विभक्तिः एकवचन-बहुवचन-मात्रम्

५। सर्वनामपदानि (उत्तमपुरुषः)
(मध्यमपुरुषः)

४। अस्मद्
प्रथमा विभक्तिः, षष्ठी विभक्तिः च
एकवचन-बहुवचन-मात्रम्।

६। अनुवाद-अभ्यासः

अ। आङ्गल/तमिल् भाषायाः संस्कृते
आ। संस्कृतात् आङ्गल/तमिल् भाषायाम्

Subject Code:U16S2

National College(Autonomous) Tiruchirapalli
Language Programme Part I Sanskrit Semester II
Syllabus - Paper II - Sanskrit - II

(For the students admitted from the academic year, June 2016 onwards)

Time: 3 Hours

Maximum Marks: 75

Unit I

क्रियापदानि

१। पुनश्चर्या

लट् लकारे (वर्तमानकाले)
पूर्वस्मिन् षाण्मासे अभ्यस्तानां
क्रियापदानां द्विवचनेन साकं
पुनश्चर्या
द्विवचन-परिचयः - उपयोगः च

२। लृट् लकारः - भविष्यत्कालः

१। गम् (गच्छ्)

२। पठ्

३। वद्

३। लृट् लकारः - भविष्यत्कालः (अधिकम्)

४। पत्

५। लिख् (लेख्)

६। क्रीड्

४। लृट् लकारः - भविष्यत्कालः (अधिकम्)

७। आ - गम् (गच्छ्)

८। भू - भव

९। धाव्

५। लृट् लकारः - भविष्यत्कालः (अधिकम्)

१०। पा - पिब्

११। दृश् - पश्

१२। कृ - कर्

Unit II

१। लृट् लकारे अभ्यस्तानां

धातुरूपाणाम् अभ्यासः

वाक्येषु उपयोगः

अनुवाद-अभ्यासः च

(संस्कृत-आङ्गल/तमिल्-संस्कृतेषु)

२। सर्वनामशब्दाः

१। अस्मद् शब्दः - पुनश्चर्या

(त्रिषु वचनेषु)

Unit III १। भोज्य-पदार्थ-नामानि

२। वार्तालापः

३। क्त-प्रत्यय-धातवः

२। युष्मद् शब्दः

(त्रिषु वचनेषु)

३। युष्मद्-शब्द-आधारित-

वाक्येषु लृट् लकार-क्रियापदानां

उपयोगः अनुवाद-अभ्यासः च

(संस्कृत-आङ्गल/तमिल्-संस्कृतेषु)

४। तद् शब्दः - त्रिषु वचनेषु

पुंलिङ्ग-मात्रम्।

५। सर्वनाम-शब्दान् (युष्मद्-तद्)

आहत्य वाक्येषु उपयोगः

अनुवाद-अभ्यासः।

(संस्कृत-आङ्गल/तमिल्-संस्कृतेषु)

धान्य-नामानि -

चणकः, मुद्गः, माषः, तण्डुलः,

जीरकम्, मरिचम्, लशुनम्

फल-नामानि -

जम्बीरम्, आमलकम्, दाडिमम्,

नारङ्गः, बदरम्, जम्बूफलम्, कदलीफलम्

शलादुका-नामानि

आलुकम्, आर्द्रकम्, कन्दर्पः,

भोज्यपदार्थ-नामानि

ओदनम्, रोटिका, पोलिका

दुग्धम्, दधि, तक्रम्, नवनीतम्, घृतम्,

एतावता अभ्यस्त-शब्दानां वाक्येषु

उपयोगः - अनुवाद-अभ्यासः

(संस्कृत-आङ्गल/तमिल्-संस्कृतेषु)

गतः गता गतम्

पीतः पीता पीतम्

पठितः पठिता पठितम्

क्रीडितः क्रीडिता क्रीडितम्

धावितः धाविता धावितम्

पतितः पतिता पतितम्

क्त-प्रत्यय-धातवः

३। क्रियापदानि

४। तुमुन्नत-अव्ययाः

५। अनुवाद-अभ्यासः

Unit IV

१। कृषि-क्षेत्र-सम्बन्धीनि नामानि

२। काल-संबन्धीनि पदानि
संख्यावाचकपदानि च

३। क्रियापदानि

४। नपुंसकलिङ्ग-कर्तृ-पदानि

५। अनुवाद-अभ्यासः

आगतः आगता आगतम्
लिखितः लिखिता लिखितम्
खादितः, खादिता, खादितम्
लट् लकारे एव -

भक्ष्, खेल्, पाल्, तुल्,
मार, गण्, कथ्, क्षाल्,
गन्तुम्, पातुम्, पठितुम्, क्रीडितुम्,
धावितुम्, पतितुम्, लेखितुम्, भवितुम्,
अर्चितुम्, खेलितुम्, चलितुम्, क्षालयितुम्,
तुलयितुम्, मारयितुम्, गणयितुम्
संस्कृतात् आङ्गले/तमिल् भाषायाम्,
आङ्गलात् संस्कृते

कृषकः, कृषीवलः, बलीवर्दः, वृषभः
सस्यम्, धान्यम्, तृणम्, क्षेत्रम्, हलः
बीजम्, आलवालम्, मेघः, जलदः,
खेटः, ग्रामः, क्रयः, विक्रयः, हट्टः,
आपणः, आपणिकः, व्यवसायः- इत्यादीनि
a. प्रातः, मध्याह्नः, सायम्, रात्रिः
b. समयलेखनम् - सपाद-सार्ध-पादोन-
पदानाम् उपयोगः
c. ऋतु(काल) नामानि
वसन्तः, ग्रीष्मः, वर्षाः, शरद्, हेमन्तः, शिशिर
d. संख्यावाचकपदानि - १ तः २५ पर्यन्तम्
लट् लकारे -
क्री, वि-क्री, रुह् (रोह्), वर्ष, वप्
रच्, कृष् (कर्ष), वस्, अर्च्
सस्यम्, धान्यम्, तृणम्, क्षेत्रम्, बीजम्,
आलवालम्।

संस्कृतात् आङ्गले/तमिल् भाषायाम्,
आङ्गलात् संस्कृते

Unit V

१। आकारान्त-स्त्रीलिङ्ग-पदानि

a। माला शब्दः

(एकवचन - बहुवचनमात्रम्)

b। अन्यानि स्त्रीलिङ्गपदानि

रमा, शाला, पेटिका, शिखा,

निशा, दिशा, बाला, सभा,

भार्या, स्वसा, नासिका

गत्वा, पठित्वा, क्रीडित्वा, पीत्वा, धावित्वा,

लिखित्वा, भक्षयित्वा, खेलित्वा, धारयित्वा,

पतित्वा, कृत्वा, चलित्वा, क्षालयित्वा,

पालयित्वा, अर्चयित्वा

लृट् लकारे (एकवचन-बहुवचन-मात्रम्)

धार्, कथ्, क्षाल्, पाल्, तोल्

a. स्वरसन्धिः

b. गुणसन्धिः

c. वृद्धि-सन्धिः

पाठ्य-पुस्तके दत्तानां पदानां परिचयः

संस्कृतात् आङ्गले/तमिल् भाषायां तथा

आङ्गलात् संस्कृते

२। क्त्वा प्रत्यय-अन्त-अव्ययाः

३। क्रियापदानि

४। सन्धि-प्रकरणम्

५। अनुवाद-अभ्यासः

Prescribed book:

. Saral Sanskrit Sikshak Part I, Bharatiya Vidya Bhavan (lessons 6 to 9, and 1)
Mumbai 400007.

Reference:

Sanskrit for beginners, Dr Narasimhachari, M, and Dr Ramaratnam, S,
N & R Publications, Chennai 600004.

Subject Code: U16S3

National College (Autonomous) Tiruchirapalli

Language Course Part I Sanskrit Semester III

Paper III - Sanskrit III

(For the candidates admitted from the academic year June 2016 onwards)

Syllabus

Time: 3 Hours

Maximum Marks: 75

Unit I

1. क्रियापदानि कर्तृपदानि च - पुनश्चर्या

लट् लकारे लृट् लकारे च पठितानां
पूर्वस्मिन् षाण्मासद्वये अभयस्तानां
क्रियापदानां, कर्तृपदानां च पुनश्चर्या

2. शब्दाः(कर्तृपदानां परिचयः)

१। इकारान्तः पुल्लिङ्गः कवि शब्दः

तस्य केचन समानान्तशब्दाः च।

एकवचनं तथा बहुवचनम् एव।

हरिः, रविः, अरिः ऋषिः, पतिः, यतिः इत्यादयः।

२। सर्वनामशब्दः

दकारान्तः स्त्रीलिङ्गः तद् शब्दः

एकवचनं तथा बहुवचनम् एव।

३। इकारान्तः स्त्रीलिङ्गः मति शब्दः

तस्य एकवचनं तथा बहुवचनम् एव।

तस्य केचन समानान्तशब्दाः - रुचिः, शान्तिः

कीर्तिः, बुद्धिः, मुक्तिः इत्यादयः

४। उपर्युक्त-शब्दानां वाक्येषु उपयोगः

अनुवाद-अभ्यासः च (संस्कृत-तमिल/संस्कृत-
आङ्गल/आङ्गल-संस्कृतेषु)

Unit II

क्रियापदानि

१। जप्

१। लट् लकारः (वर्तमानकालः)

२। चर्

२। लट् लकारः (वर्तमानकालः) - अधिकम्

३। रक्ष्

४। हस्

५। वम्

६। नम्

७। दह्

३। लट् लकारः (वर्तमानकालः) -अधिकम्

८। तप्

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५। क्रियापदानां वाक्येषु उपयोगः अनुवाद-अभ्यासः च - संस्कृतात् आङ्गले/तमिल् भाषायां अथवा आङ्गलात् संस्कृते वा।

Unit III

१। क्रियापदानि

उपर्युक्त-क्रियापदानां वाक्येषु प्रयोगः

संस्कृतात् आङ्गले/तमिल् भाषायां अथवा आङ्गलात् संस्कृते वा।

२। नूतन-शब्दानां परिचयः

अकारान्त-आकारान्त-इकारान्त कर्तृपदानि क्रियापदानि च

३। वार्तालाप-परिचयः

मिश्रित्य वाक्येषु उपयोगः अनुवाद-अभ्यासः च उपर्युक्त-कर्तृपद-क्रियापदानि उपयुज्य छात्रेषु वार्तालाप-अभ्यासः

४। लृट् लकारः (भविष्यत्कालः)
नूतन-क्रियापदानि

१। अर्ज्

२। दण्ड्

३। चिन्त्

४। ज्वल्

५। लृट् लकारः (भविष्यत्कालः)
नूतन-क्रियापदानि (अधिकम्)

५। तर्ज्

६। तर्क्

७। तप्

८। नट्

Unit IV

१। लङ् लकार-परिचयः (भूतकालः)

१। भूतकालः नाम किम्?

भूतकालिक-क्रियापदानां परिचयः।

१। गम् (गच्छ्)

२। पा (पिब्)

४। पश्य्

२। लङ् लकार-परिचयः (भूतकालः) (अधिकम्)

५। वस्

६। पठ्

७। वद्

८। पत्

३। बन्धु-वर्ग-नामानि

माता, जननी, पिता, जनकः, स्वसा
भगिनी, सहोदरः, भ्राता, अनुजः, अग्रजः,
अनुजा, अग्रजा, मातुलः, मातुलानी,
जामाता, वधूः, वरः, मातामहः, मातामही,
पितामहः, पितामही, पुत्रः, पुत्री, पौत्रः, पौत्री
उपर्युक्त-पदानां वाक्येषु प्रयोगः
अनुवाद-अभ्यासः(संस्कृतात् आङ्गले/तमिल्
भाषायाम् , आङ्गलात् संस्कृते वा)

४। वाक्येषु उपयोगः

Unit V

१। गृहे उपयुक्तानां उपकरणानां
नामानि

पर्यङ्कः, मञ्जूषा, तालकम्, कुञ्जिका,
अङ्कनी, लेखनी, उत्पीठिका, आसनम्,
गणकयन्त्रम्, दूरदर्शनम्, आकाशवाणी,
दूरभाषणी, दीपः, विद्युत्, विद्युत्व्यजनम्,
शीतकयन्त्रम्, शीतकपेटिका, अग्निपेटिका,
वस्त्रम्।(अन्यानि मुख्यानि च)

२। वासरनामानि

सोमवासरः, मङ्गलवासरः, बुधवासरः,
गुरुवासरः, शुक्रवासरः, शनिवासरः,
भानुवासरः

३। पक्षनामानि

शुक्लपक्षः, कृष्णपक्षः

४। मास-नामानि

चैत्रः, वैशाखः, ज्येष्ठः, आषाढः, श्रावणः,
भाद्रपदः, आश्वीनः, कार्तिकः, आग्रहायणः, पौषः,
माघः, फाल्गुनः अथवा
मेषः, ऋषभः, मिथुनः, कटकः, सिंहः,
कन्या, तुला, वृश्चिकः, धनुः, मकरः, कुम्भः,
मीनः ।

५। तिथिनामानि

प्रथमा, द्वितीया, तृतीया, चतुर्थी, पञ्चमी,
षष्ठी, सप्तमी, अष्टमी, नवमी, दशमी,
एकादशी, द्वादशी, त्रयोदशी, चतुर्दशी,
अमावास्या (अमाः), पूर्णिमा (पौर्णमी)

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७। नवग्रहनामानि

सूर्य, चन्द्रः, कुजः, बुधः, गुरुः, शुक्रः, शनैश्वरः,
राहुः, केतुः

८। संख्या-वाचकपदानि

षड्विंशतिः आरभ्य पञ्चाशत् पर्यन्तम्।(२६-५०)

Prescribed Book:

सरलसंस्कृतशिक्षकः भागः २, भारतीयविद्याभवनम्, कुलपति:मुन्शी मार्गः, मुम्बई, ४००००७

Reference:

1. Samskrt for Beginners, Dr M. Narasimhachari & Dr S. Ramaratnam, N&R Publications, Mylapore, Chennai 60004.
2. संस्कृत-व्यवहारसाहस्री, संस्कृत-भारती, माता मन्दिर् गली, झन्डेवाला, नव देहली ११००५५।

Subject Code: U16S4

National College (Autonomous) Tiruchirapalli
Language Course Part I Sanskrit Semester III

Paper IV - Sanskrit IV

(For the candidates admitted from the academic year June 2016 onwards)

Syllabus

Time: 3 Hours

Maximum Marks: 75

Unit I

- १। कर्तृपदानि, क्रियापदानि च
पुनश्चर्या
- २। शब्दाः (कर्तृपद-परिचयः)

- लट् लकारे, लृट् लकारे, लङ् लकारे च
पूर्वस्मिन् षाण्मासत्रये अभ्यस्तानां कर्तृपदानां
क्रियापदानां च पुनश्चर्या।
- १। उकारान्तः पुल्लिङ्गः गुरु शब्दः
केचन समानान्त-शब्दाः च।
एकवचनम् तथा बहुवचनम् केवलम्।
पशुः, मनुः, साधुः, शिशुः, प्रभुः इत्यदि शब्दाः
- २। उकारान्तः स्त्रीलिङ्गः धेनु शब्दः
एकवचनम्, तथा बहुवचनम् केवलम्।
- ३। सर्वनामशब्दः -
दकारान्तः नपुंसकलिङ्गः तद् शब्दः
दकारान्तः पुल्लिङ्गः एतद् शब्दः
एकवचनम्, तथा बहुवचनम् केवलम्।
- ४। उपर्युक्त-कर्तृपदानां कर्मपदानां च वाक्येषु
उपयोगः
- ५। अनुवाद-अभ्यासः (संस्कृतात् आङ्गले/तमिल्
भाषायाम्, तथा आङ्गलात् संस्कृते च)

Unit II

- क्रियापदानि
- १। लट्/लृट् लकारौ
नूतनक्रियापदानि
- २। लट्/लृट् लकारौ
नूतनक्रियापदानि

- १। अञ्च्
२। दल्
३। नन्द्
४। यच्छ्
५। धृ (धरति)
६। धृ (धारयति)
७। नद् (नदति)
८। तृ (तर)

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३। लट्/लृट् लकारौ नूतनक्रियापदानि

९। नश्

१०। निन्द्

११। पीड्

१२। पोष्

४। शरीर-अङ्ग-नामानि

शिरः, केशः, कर्णः, नासिका, नयनम्, मुखम्,
दन्तः, ग्रीवा, कण्ठः, उरः, स्कन्धः, करः, बाहुः,
हस्तः, अङ्गुली, नखः, स्मश्रुः, शिखा, उदरः,
कटिः, जानुः, पादौ, अस्थि, मांसं, रुधिरः, मेघः।
वस्त्रम्, निचोलः, ऊरुकम्, उष्णीषः, उपनेत्रम्,
दण्डः, पादरक्षा, घटी, द्विचक्रिका, त्रिचक्रिका,
कार्-यानम्, लोकयानम्, आकाशविमानम्,
रेल्-यानम्

५। प्रतिदिनं-उपयुक्तानि वस्तु नामानि

Unit III

१। पर्यटन-स्थल-नामानि

१। धर्म-सम्बन्धीनि स्थलानि

२। आह्लादकर-संबन्धीनि स्थलानि

३। देशस्य चरित्र-चारित्र-संबन्धीनि स्थलानि

४। अन्वेषण-संबन्धीनि स्थलानि

५। विदेश-यात्रा

२। प्रतिदिनं गमनीयानि स्थलानि

देवालयः, कार्यालयः, विद्यालयः, धनकोषः,
पुस्तकालयः, आपणः, चलनचित्रशाला,
नाट्यशाला, महाविद्यालयः, विश्वविद्यालयः,
मित्रगृहम्, स्नानगृहम्, शौचालयः, सुविद्यालयः,

Unit IV

१। रचनालेखनम्

रचना-लेखन-प्रकारः

उपोद्घातः, रचना, समापनम् - विधयः

दश-वाक्येषु पर्यटनस्थानमेकमधिकृत्य लेखनम्

पत्रम् नाम किम्?

पत्रलेखन-प्रकारः

पत्रलेखने उपयुक्ताः रीतयः

पत्र-आरम्भः, शरीरम्, समापनम्

२। पत्रलेखनम्

३। पत्रलेखनम् (वैचित्र्यम्)

४। अनुच्छेद-अभ्यासः

Unit V

१। नूतन-कर्तृपदानि

२। व्यवहार-पदानि/वाक्यानि

३। कर्मकाराः

३। व्याकरणम्

3

१। मित्राय पत्रम्।

२। विद्यालयाय विरामपत्रम्।

३। जनकाय पत्रम्।

१। कथा-युक्तम् अनुच्छेदं पठित्वा
उत्तर-लेखनम्।

२। वार्ता-संबन्धि-लेख-युक्तम् अनुच्छेदं
पठित्वा उत्तर-लेखनम्।

मृगवर्गः - सिंहः, व्याघ्रः, भल्लुकः,
शृगालः, मूषकः, आखुः, सारमेयः, कुक्कुरः,
बिडालः, वानरः, उष्ट्रः, अश्वः, गजः, वृषभः,
अजः, मेषः, वराहः, धेनुः, गौः, महिषः, वत्सः,
हरिणः, शशकः

पक्षिवर्गः - काकः, कुक्कुटः, मयूरः, टिट्ठिमः,
गरुडः, शुकः, कपोतः,

जलचराः - मीनः, मत्स्यः, कूर्मः, तिमिङ्गिलः,
शिष्टाचारः, मित्राणि, प्रयाणम्, छात्राः, परीक्षा,
शिक्षकः, महिला, वेश-भूषा, कार्यालयः,
आरोग्यम्, वाणिज्यम्, वातावरणम्, भोजनम्,
शुभाशयाः, संकीर्ण-पदानि।

घटकारः, कुविन्दः/तन्तुवायः, अयस्कारः,
सुवर्णकारः, रजकः, आपणिकः, वणिजः,

चर्मकारः, नापितः, संवाहकः, शाकटिकः, आरक्षकः

गोपालकः, अश्वपालकः, अजपालकः, पुरोहितः,

सन्धिप्रकरणम् -

प्रभेदाः - स्वरसन्धिः, व्यञ्जन-सन्धिः

विसर्गसन्धिः

स्वरे - सवर्णदीर्घः, गुणः, यण्, वृद्धिः,

अयवायावः, प्रकृतिभावः

Prescribed Books:

1. सरलसंस्कृतशिक्षकः, भागः २, भारतीयविद्याभवनम्, कुलपति मुन्शी मार्गः, मुम्बई ४००००९।

2. संस्कृत-व्यवहार-साहस्री 3. सन्देशसंस्कृतम्, -संस्कृतभारती, माता मन्दिर गली, झण्डेवाला, नव देहली ११००५९

Reference:

1. Samskrit for Beginners, Dr M. Narasimhachari and Dr S. Ramaratnam, N & R
Publications, Mylapore, Chennai 600004.

ENGLISH FOR COMMUNICATION – U16E1

Semester: I

English Language Course I

Instruction Hours/Week: 6

Credit: 3

- UNIT I:**
1. At the College
 2. On the Campus
 3. Outside the Class
 4. At the Post office
 5. For Business and Pleasure
 6. Review

- UNIT II:**
7. Are you Smart ?
 8. Are You Creative?
 9. Is it too hard to improve?
 10. How to win ?
 11. View Points
 12. Snakes and Ladders
 13. Yourself

- UNIT III:**
1. Birbal story- The loyal gardener
 2. Hindu mythological story- The origin of coconut tree
 3. Achinese story: The generous student
 4. An Africal Story ; The Three Runners

- UNIT IV:**
5. The Golden place
 6. The one – hundreth prince
 7. The mouse Merchand

- UNIT V:**
8. When wishes come true – Rabindranath Tagore
 9. The World and after
 10. Julius caesar

Text Books: 1. Crystal Streams – A Prose collection by D.E. Benet. Published by New Century Book House (P) Ltd.

2. Creative English for Communication (2nd edition) by Krishnasamy and Sriraman. Published by Macmillan

ENGLISH THROUGH EXTENSIVE READING – U16E2

SEMESTER : II

ENGLISH LANGUAGE COURSE : II

INSTRUCTION HOURS/WEEK : 4

CREDIT : 2

UNIT I

Excitement : Mack R. Douglas
Tight Corners : E.V. Lucas

UNIT II

Water – The Elixir of Life : C.V. Raman
Tree Speaks : C. Rajagopalachari

UNIT III

The Art of Telling Tales : April Hersey
A Job Well Done : Ruskin Bond

UNIT IV

The Panorama of India's Past : Jawaharlal Nehru
The Origin of Grammar : Margaret Bryant & Janet

UNIT V

Dangers of Drug Abuse : Hardin B. Jones
Crime and Punishment : R.K. Narayan

Text Book : Dr. Ananthan , R. Effective Communication. Ed. Chennai : Anu Chithra Pub.2010.

COMMUNICATIVE ENGLISH I – U16CE1

Semester : II

Communicative English Course : I

Instruction Hours/ Week : 2

Credit : 1

UNIT I

Writing Stories

Grammar Components : Articles, Prepositions and Tenses

UNIT II

Precis Writing

Grammar Components : Non- Finite Verbs and Phrasal Verbs

UNIT III

Writing Letters

Grammar Components : Conjunctions and Interjections and Punctuation

UNIT IV

Reporting

Grammar Components : Reported Speech and Transformation of Sentences

UNIT V

Writing an Essay

Grammar Components : Sentence structure (S/V/O/C/A) and Simple, Compound and Complex sentences

Text book : Pillai, Radhakrishna G. English Grammar & Composition Ed. Chennai : Emerald Pub.2016

ENGLISH FOR COMPETITIVE EXAMINATIONS – U16E3

SEMESTER : III

ENGLISH LANGUAGE COURSE : III

INSTRUCTION HOURS/WEEK : 6

CREDIT : 3

UNIT I:

Basics of English(Revision)

- (a)Parts of speech and Articles
- (b)Active and passive voice
- (c)Framing Questions
- (d)Tag questions
- (e)Indirect speech
- (f)Tenses

UNIT II:

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

UNIT III:

Reading comprehension

UNIT IV:

- (a)Sentence completion,
- (b) Spelling
- (c)Vocabulary – Words often confused or Misused, Synonyms, Antonyms.

UNIT V:

Letter writing , Report writing ,Paragraph writing, Essay writing

**Text book : English for Competitive Examinations by R.P.Bhatnagar&Rajul Bhargava
macmillanIndia ltd. Delhi.**

COMMUNICATIVE ENGLISH II – U16CE2

SEMESTER : IV

COMMUNICATIVE ENGLISH COURSE : II

INSTRUCTION HOURS/WEEK : 2

CREDIT : 1

UNIT I:

Enriching Vocabulary – Register Development; who is who; Synonyms, 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, Phonetic Transcription, 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.
- Circulars
- Notes - reminders, warnings, farewells, apology.
- Draft invitations – marriage, annual day, inaugural functions of associations, valediction, seminar, workshop.
- Draft Short messages- compliments, birthday wishes, notifications
- Draft Posters- Slogans, Announcements
- Draft Advertisements
- Dialogue writing

Text Book

1. Communicative English by Department of English, National College(Autonomous), Trichy

READING POETRY AND DRAMA – U16E4

SEMESTER : IV

ENGLISH LANGUAGE COURSE : IV

INSTRUCTION HOURS/WEEK : 6

CREDIT : 2

POETRY:

UNIT I : John Milton
Oliver Goldsmith
William Wordsworth

: On His Blindness
: The Village School Master
: The Solitary Reaper

UNIT II : P.B.Shelly
John Keats
Robert Browning

: Ozymandias
: La Belle Dame Sans Merci
: Incident of the French camp

UNIT III : John Masefield
Robert Frost
Evening
John Drinkwater

: Laugh and Be Merry
: Stopping by Woods On a Snowy
: The Vagabond

DRAMA:

UNIT IV: Anton Chekov
Lady Gregory

: A Marriage Proposal
: The Rising of the Moon

UNIT V: W.St. John Tayleur
William Shakespeare

: Reunion
: Othello, The Moor of Venice – Act

V

Text Books : 1)**An Introduction to Poetry** edited by A.G.Xavier; [Macmillan]

2)**A Book Plays:** A Group of Editors, Published by Orient Blackswan

CORE COURSE (CC1) - INDIAN ECONOMIC DEVELOPMENT

Semester: I
Instruction Hours/Week: 5

Core Course: 1
Credit: 5

Module 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.

Module 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.

Module 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

Module 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.

Module 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 – Indian Economic Policy.

Reference:

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

CORE COURSE (CC2) TAMIL NADU ECONOMY

Semester: I
Instruction Hours/Week: 6

Core Course: 2
Credit: 6

Module I – A Profile of the Economy of Tamil Nadu

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

Module II – Agricultural Development

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

Module III – Industrial Development

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

Module 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 Tamil Nadu – Health care and family welfare of TN. Govt – Vision 2023 Documents.

Module 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.

CORE COURSE (CC 3) HISTORY OF ECONOMIC THOUGHT

Semester: II
Instruction Hours/Week: 5

Core Course: 3
Credit: 5

Module – 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.

Module – II:

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

Module – III

Historical School: Critical and Positive ideas – Friedrich List, William Roscher, Hildebrand, Karl Knies and Gustav Von Schmoller – Keynesian School: J.M. Keynes - Welfare School: Pigou and Pareto.

Module – IV

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

Module – V

Indian Economic Thought – Kautilya, Naoroji – Gandhian Economics and E.V. Ramasamy – B.R. Ambedkar - Nobel Laureates – Robert E. Lucas, Amartya Sen, Paul Grugman.

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. Lionel 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 now., RBSA Publications, Jaipur.
6. Sankaran. S. (2000), History of Economic Thought, Margam Publications, Chennai.

CORE COURSE (CC - IV) MONETARY ECONOMICS

Semester : III
Instruction Hours/Week : 4

Core Course : 4
Credit : 4

Module –I

Introduction - Meaning - Barter system – Difficulties of Barter system – Forms of Money - Functions of Money – Supply of Money (M1, M2, M3 and M4) – Value of Money – Quantity Theory of Money – Fisher’s and Cambridge versions.

Module – II

Demand for Money – Keynes’s theory of Demand for money - Friedman’s restatement of the quantity theory of money – Baumol’s approach – Tobin’s portfolio selection theory.

Module – III

Commercial and Central Banking: Functions of Commercial Banks – Credit Creation — Nationalisation of Banks – Performance of Public Sector Banks in India – Central banking Functions - RBI Functions – Money Market and Capital Market.

Module – IV

Business Cycles – Types- Characteristics- Phases of Trade Cycles – Theories of Trade Cycles – Schumpeter – Hawtrey - Hicks and Samuelson.

Module – V

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

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. Sethi, T.T., Monetary Economics, S.Chand & company Ltd, New Delhi.

CORE COURSE – (CC5) : MICRO ECONOMICS

Semester : III
Instruction Hours/Week : 5

Core Course : 5
Credit : 5

Module – I: Introduction to Economics

Definition – Scope of Micro Economics – Static and Dynamic Analysis — Positive and Normative Economics –Growth and Development– Divisions of Economics – Nature of Economic Laws – Economic laws with other laws.

Module – II: Theory of Demand

Marginal Utility analysis – Measurement of utility – Cardinal and Ordinal Utility –Total and Marginal Utility- Law of Diminishing Marginal Utility - The law of Equi- marginal Utility – The law of Demand - Demand schedule - kinds of demand - exceptional demand curve – Elasticity of Demand and its kinds - Indifference Curve Analysis: Introduction to indifference curve analysis - Indifference curve – Map – Properties – Budget line – Consumers equilibrium – Price line – Price, Income, Substitution effects.

Module – III: Theory of Production

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 – The law of variable proportions – The laws of returns to scale.

Module – IV: Market Structure

Market structure – Equilibrium of firm and industry – Perfect and Imperfect competitions: Pricing under perfect competition, Significance of Time element, Market price and Normal price – Pricing under Monopoly, Price discrimination, Pricing under Monopolistic competition, Role of Selling costs – Price and output determination under Oligopoly.

Module – V Theories of Distribution:

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

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.

CORE COURSE- 6 (CC6): MACRO ECONOMICS

Semester : IV
Instruction Hours/Week : 4

Core Course : 6
Credit : 4

MODULE – 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.

MODULE – II

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

MODULE – III

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

MODULE – IV

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

MODULE – V

General Equilibrium Hicks-Hansen 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 Konarak 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.

NON-MAJOR ELECTIVE COURSE – 1

ADVERTISING MANAGEMENT (U16NMEC1)

SEMESTER: IV

CREDIT : 2

Instruction Hours per week: 2

Module I: Introductory aspects of Advertisement

Meaning of Advertising – Purpose and functions – Objectives and role – advertising in marketing mix – Advertising Process - Economic and Social implications of Advertising.

Module II : Creativity and its role

Creativity – Meaning and sources – Development of creative strategy – Trend in creative communication – Communication – Contemporary advertising – Government regulation – Regulation.

Module III : Advertising strategy & Planning and Organisation

Contribution of advertising strategy – Level of decision making – Factors influencing organisational features – Organisational approach.

Module IV: Advertising Budget and Research

Advertising Budget – Advertisement as Investment – Advertisement Budget making process – Advertisement appropriation practices – advertising research – Fundamentals of qualitative and quantitative research.

Module V: Future trend

Future trend in advertisement – Role of advertising agents – competition among agencies – ethics and morale of advertisement – Role of technology in advertising – Global marketing and advertising.

References:

1. Bhatia, G.R. & Sharma, N.R., (1976), **Effective advertising, Marketing and Sales Management**, Mangal Deep Publication, Jaipur.
2. Patel, J.S.K., (1988), **Salesmanship and Publicity**, Sultan Chand & Sons, New Delhi.
3. Sontakki, C.N., (1989), **Advertising**, Kalyani Publishers, Ludhiana.
4. Kumar, K.J., K.C.Sethia, G.V.Subramanian and V.G Suchank., (1999), **Advertising Theory and Practice**, Himalaya Publishing House, Mumbai.
5. Mathur, A.C., (2002), **Advertising Management**, New Age International Publishers, New Delhi

CORE COURSE (CC7) – FISCAL ECONOMICS

Semester : V
Instruction Hours/Week : 5

Core Course : 7
Credit : 5

Module I

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

Module 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 – Revenue and Capital expenditures (Concepts only).

Module 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.

Module 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.

Module V

Evolution of 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 Study:

1. Bright Singh. D., (1993), Fiscal Economics, Emerald Publishers, 135 Annasalai – Madras.
2. Ganguli – N.N., (1998) Public Finance, Sultan Chand Publication, New Delhi – 2.
3. Sankaran S. (2002), Fiscal Economics, Kamala Publication, Madras – 2.
4. Sundaram. K.P.M. Fiscal Economics, Sultan Chand Educational Publishers – NewDelhi – 2.

Books for Reference:

1. Finance Commission Report – Govt of India – 2001.
2. Mathew T. (1996), Economics of Public Expenditure, Sultan Chand & Sons Publishers, New Delhi – 2.
3. Ved Gandhi. (2000), Some Aspects of India's Tax – Structure, Sultan Chand Publication – New Delhi – 2.

CORE COURSE–8 (CC8) : INTERNATIONAL ECONOMICS

Semester : V
Instruction Hours/Week : 5

Core Course : 8
Credit : 5

Module – I: Features and Theories

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

Module – II: Free Trade and Protection

Meaning of Free trade - Case for and 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.

Module – 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.

Module - IV Foreign Exchange & Exchange Control

Meaning - Demand for and Supply of Foreign exchange –Importance of Foreign Exchange Rate – Determination of Foreign Exchange Rate - equilibrium rate of Foreign Exchange – Purchasing Power Parity Theory – Fixed and Fluctuating Exchange – Exchange Control: Objectives, methods and Merits & defects.

Module – 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.

ELECTIVE COURSE-1 (EC1): TOURISM ECONOMICS

Semester : V
Instruction Hours/Week : 5

Elective Course : 9E
Credit : 4

Module I

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

Module II

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

Module III

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

Module IV

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

Module 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.

ELECTIVE COURSE-2 (EC2): ECONOMIC SYSTEMS

Semester : V

Instruction Hours/Week : 5

Elective Course : 10E

Credit : 4

Module – 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).

Module – 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.

Module – 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.

Module – 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.

Module - 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.

CORE COURSE-9 (CC9) : HUMAN RESOURCE DEVELOPEMENT

Semester : V
Instruction Hours/Week : 5

Core Course : 11
Credit : 5

Module – I

Evolution of the concept of Human Capital – Meaning – Nature – Significance – Schultz’s Approach – Becker’s Theory.

Module – II

Methods of Human Capital Formation – Education and Economic Growth - Health and Nutrition – Information about Job Market .

Module – III

Human Resource Planning – Meaning – Objectives – Need – Process – Benefits – Problems.

Module – IV

Gender Dimensions of Development – Role of women in Economic Development – Women’s Empowerment and Economic Development – Development of women Entrepreneurship in India.

Module – V

Population and Development – Work Participation Rate – Male & Female Work Participation Rate – Human Development Index in India.

Reference Books

1. Kumar, Ashok and R. P.Mangai (1989), Manpower Planning in India, Criterion Publications, New Delhi.
2. Mathur, B. L. , (1994), Human Resource Management, Arihant Publishing House, Jaipur.
3. Jayagopal, R. , (1993), Human Resource Development – Conceptual Analysis and Strategies, Sterling Publishers Private Limited, new Delhi.
4. Batra, V. P., (1978), The Economy and Human Resources, B, R, Publishing Corporation, New Delhi
5. Planning Commission, Government of India, (2002), INDIA: National Human Development Report 2001, Oxford University Press, New Delhi.

NON-MAJOR ELECTIVE COURSE - 2

AGRICULTURAL ECONOMICS (U16NMEC2)

SEMESTER: V

CREDIT : 2

Instruction

Hours per week: 2

Module I: Nature and Scope of Agricultural Economics

Definition, Nature and Scope of Agricultural Economics – Role of agriculture in economic development – Productivity in agriculture – Causes for low productivity.

Module II: Structural and Institutional Changes in Agriculture

Land Reforms Measures – Farm size and efficiency – New agricultural strategy – Mechanisation, Advantages and disadvantages – Agricultural Price Policy - A Review

Module III: Agricultural finance In India

Agricultural credit: Need and features, Sources of finance: Non-institutional and Institutional – Problems of Regional Rural banks - National Bank for Agricultural and Rural Development (NABARD).

Module IV: Agricultural Marketing

Concepts and features of Agricultural marketing in India – Defects of Agricultural Marketing in India – Steps to improve agricultural marketing system – Regulated markets.

Module V: Agricultural Labour

Meaning of Agricultural Labour – Characteristics of agricultural labour – Measures to increase the conditions of labour – Employment programmes: NREP, RLEGP, JGSY, JRY, MGNREGA.

References:

1. Dhingra, I.G., Indian Economy, S.Chand & Company Ltd, New Delhi.
2. Dhingra I.G., Indian Economic Problems, chapters 12 & 13, S.Chand & Company, New Delhi.
3. Matoria, C.B., Agricultural problems of India, Kitab Mahal, Chapter 15.
4. Sadhu, A.N. & Singh, Amarjit.,(1985), Fundamentals of Agricultural Economics, Himalaya Publishing House, Bombay.
5. Sankaran, S., Agricultural Economy of India, Margham Publications, Chennai. Chapters 2,4, 7, 9 and 10

U16EC12

CORE COURSE-10 (CC10): ENVIRONOMICS

Semester : VI
Instruction Hours/Week : 6

Core Course : 12
Credit : 6

Module – 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.

Module – 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.

Module – III

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

Module – 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.

Module – 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.

CORE COURSE-11 (CC11): AGRICULTURAL ECONOMICS

Semester : VI
Instruction Hours/Week : 6

Core Course : 13
Credit : 6

Module I – Introduction to Agricultural Economics

Agricultural development – Role of agriculture in Indian Economy – Agricultural development under Five year plans – Productivity in agriculture – Causes for low productivity. Need for Separate study on Agricultural Economics.

Module II – Agricultural Policies

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

Module III – Agricultural Finance

Agricultural finance – Sources – Capital formation in agriculture – Rural Indebtedness – Causes – Debt relief activities – Role of rural credit institutions – Recent Measures by Government to uplift Agriculturist.

Module IV – Agricultural Marketing

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

Module V – Agricultural Labour

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

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.

U16EC14

CORE COURSE-12 (CC12) CAPITAL MARKET

Semester : VI
Instruction Hours/Week : 6

Core Course :14
Credit : 6

Module – I

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

Module – II

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

Module – III

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

Module – 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.

Module - 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.

CORE COURSE-13 (CC13): MANAGERIAL ECONOMICS

Semester : VI
Instruction Hours/Week : 6

Core Course :15
Credit : 6

Module – I: Meaning and Scope

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

Module – 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.

Module – 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.

Module – 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.

Module – 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).

ELECTIVE COURSE-3 (EC3): PERSONNEL MANAGEMENT

Semester: VI

Instruction Hours/Week: 5

Elective Course: 16E

Credit: 4

Module I

Personnel Management – Meaning – Scope, Importance --- Objectives – Functions of personnel Management, Personnel manager, qualities of personnel manager- Principles of personnel policies.

Module II

Human Resource planning – Recruitment and selection procedure – Psychological testing – Interviews – Placement and Induction, promotion – Demotion – Transfer – Separation – Absenteeism – Turnover.

Module III

Job Evaluation – Objectives – principles – Basic procedure – Advantages – Limitations – Job Evaluation Methods – Wage and salary – Rewards and Incentives – Fringe Benefits.

Module IV

Motivation – Meaning and types of Human needs – Objectives of motivation –Guidelines for motivating employees and managers – Functions and responsibility of a leader –Grievance – Guidelines of a disciplinary action.

Module V

Industrial Dispute - meaning, Causes and procedure for dispute settlement – Objectives of industrial relations – Role and objectives of Trade union – Industrial Accidents – Industrial Health.

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 M Management in India.
6. Ghosh S - Personnel Management Text & Cases.

ALLIED COURSE-1: (AC1) – ECONOMIC STATISTICS

Semester: I
Instruction Hours/Week: 5

Allied Course: 1
Credit: 6

Module I: Nature, Scope and Collection of Data

Definitions, Characteristics, Nature and Scope of Statistics – Functions – Importance – Uses – Limitations – Collection of Data: – Primary and Secondary Data – Sources – Methods of Collecting Data –Editing and Coding - Schedule Vs Questionnaire – Sampling: Meaning and Objectives - Sampling Methods: Random and Non-Random, their merits and demerits.

Module II: Classification, Tabulation and Presentation of Data

Classification: Meaning and Definition, Objectives, Rules, Types and Methods – Tabulation: Meaning, Objectives and Rules – Parts of a Table – Types of Table –Diagrams and Graphs: (i) Diagram: Meaning, Rules, Types of Diagram, Importance and Limitations – (ii) Graphs: Meaning, Rules, Procedure for Drawing a graph, Types of Graph – Importance and Limitations.

Module III: Measures of central value

Meaning of an average - qualities of a good average – Arithmetic mean: Definition, properties and methods of calculating mean (AM, Weighted and Combined, GM and HM), their merits and limitations – mode and its limitations – Median: Definition, properties and Calculation of median, its merits and demerits – Mode: Definition and meaning, methods of locating mode, Merits and demerits - simple problems.

Module IV: Measures of dispersion

Dispersion: Meaning and Definition -Properties of a good measure of variation – Measures: Range, Quartile deviation, mean deviation and standard deviation, – their merits and demerits - combined standard deviation – simple problems – Lorenz curve.

Module V: Measures of Skewness and Kurtosis

Skewness: Meaning, Types and Measurement of Skewness (Karl Pearson, Bowley and Kelly measures) – Difference between Dispersion and Skewness – Kurtosis: Definition, presentation and measurement of Kurtosis – simple problems.

REFERENCES:

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. S.P.Gupta, "Statistical Methods", Sultan Chand & Co. NewDelhi.
4. Nadar, E.Narayanan., Statistics, PHI Learning private Limited, New Delhi, 2011.

ALLIED COURSE-2 (AC2) – STATISTICAL METHODS

Semester: II
Instruction Hours/Week: 6

Allied Course: 2
Credit: 3

Module I: Correlation Analysis

Definition, Types of correlation, Co-efficient of correlation and its interpretation, Methods of measurement: scatter diagram, graphic method – Pearson’s method, Spearman’s method – Simple problems - Coefficient of determination.

Module II: Regression Analysis

Meaning and Definition, Usefulness of regression – two regression lines – regression equation – Regression coefficients - calculation of regression coefficients from arithmetic mean and assumed mean – Standard error of estimate - Difference between correlation and Regression – Limitations of regression analysis – simple problems.

Module III: Index Numbers

Meaning, features, uses and limitation of index numbers – Classification: Price Index, Quantity Index, Value Index and Special purpose Index - Methods of constructing index numbers: (i) Unweighted - Simple aggregative method and Simple average of Price relatives method - (ii) Weighted index numbers: Laspeyres’, Paasche’s and Fisher’s Ideal Index Methods – Chain Base index number, its merits and demerits – Construction of Consumer Price Index: meaning, uses, steps involved and methods of construction: (i) aggregate expenditure method and (ii) Family budget method – Limitations of Index numbers.

Module IV: Time Series Analysis

Meaning and Uses, Components of time series analysis – Measurement of trend: graphic method, semi average method, method moving of averages and method of least squares, their merits and demerits– Simple problems.

Module V: Probability and Theoretical Distributions

Probability: Meaning, properties and importance, Basic concepts: Mutually exclusive, Equally likely and Exhaustive events, Dependent and Independent events, Simple and compound events – Theorems of probability: Addition and Multiplication theorems – Calculation of probability: Mathematical, Statistical and Conditional probabilities – Simple Problems.

REFERENCES:

1. Murry, R.Spiegal, Schaum’s Theory and Problems of Statistics, McGraw Hill, 1972.
2. Gupta, S.P., “Statistical Methods”, Sultan Chand & Co. NewDelhi.
3. Nadar, E.Narayanan., Statistics, PHI Learning private Limited, New Delhi, 2011.
4. Pillai RSN & V.Bagavathi – Statistics, S.Chand & Co. Ltd, New Delhi

ALLIED COURSE (AC3) - INDIAN STATISTICS

Semester: II
Instruction Hours/Week: 5

Allied Course: 3
Credit: 3

Module 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 – Household statistical surveys.

Module 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.

Module III

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

Module 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.

Module V

Vital statistics – Relevance of census in India – importance – types – Crude birthrate – Crude death rate – Mortality rate – Population growth rate – Uses in Economics – Critical appraisal of Indian Statistics – Composition of HDI.

Reference:

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

ALLIED COURSE - 4 (AC4): PRINCIPLES OF COMMERCE

Semester : III
Instruction Hours/Week : 5

Allied Course : 4
Credit : 3

MODULE – I

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

MODULE – II

Banks – Kinds – RBI- Objectives – Functions – Commercial Banks – Co-operative Banks – Universal Banking System – NBFCs - Insurance – Fire – Marine.

MODULE – 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.

MODULE – IV

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

MODULE – 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.

ALLIED COURSE- 5 (AC5): MARKETING

Semester : IV
Instruction Hours/Week : 5

Allied Course : 5
Credit : 3

Module I

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

Module II

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

Module III

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

Module IV

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

Module 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.

ALLIED COURSE (AC6): BUSINESS ORGANIZATION

Semester : IV
Instruction Hours/Week : 5

Allied Course : 6
Credit : 3

MODULE – I

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

MODULE – II

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

MODULE – 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.

MODULE – IV

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

MODULE – 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.

ALLIED COURSE-1: (AC1) – ECONOMIC STATISTICS

Semester: I
Instruction Hours/Week: 5

Allied Course: 1
Credit: 6

Module I: Nature, Scope and Collection of Data

Definitions, Characteristics, Nature and Scope of Statistics – Functions – Importance – Uses – Limitations – Collection of Data: – Primary and Secondary Data – Sources – Methods of Collecting Data –Editing and Coding - Schedule Vs Questionnaire – Sampling: Meaning and Objectives - Sampling Methods: Random and Non-Random, their merits and demeris.

Module II: Classification, Tabulation and Presentation of Data

Classification: Meaning and Definition, Objectives, Rules, Types and Methods – Tabulation: Meaning, Objectives and Rules – Parts of a Table – Types of Table –Diagrams and Graphs: (i) Diagram: Meaning, Rules, Types of Diagram, Importance and Limitations – (ii) Graphs: Meaning, Rules, Procedure for Drawing a graph, Types of Graph – Importance and Limitations.

Module III: Measures of central value

Meaning of an average - qualities of a good average – Arithmetic mean: Definition, properties and methods of calculating mean (AM, Weighted and Combined, GM and HM), their merits and limitations – mode and its limitations – Median: Definition, properties and Calculation of median, its merits and demerits – Mode: Definition and meaning, methods of locating mode, Merits and demerits - simple problems.

Module IV: Measures of dispersion

Dispersion: Meaning and Definition -Properties of a good measure of variation – Measures: Range, Quartile deviation, mean deviation and standard deviation, – their merits and demerits - combined standard deviation – simple problems – Lorenz curve.

Module V: Measures of Skewness and Kurtosis

Skewness: Meaning, Types and Measurement of Skewness (Karl Pearson, Bowley and Kelly measures) – Difference between Dispersion and Skewness – Kurtosis: Definition, presentation and measurement of Kurtosis – simple problems.

REFERENCES:

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. S.P.Gupta, "Statistical Methods", Sultan Chand & Co. NewDelhi.
4. Nadar, E.Narayanan., Statistics, PHI Learning private Limited, New Delhi, 2011.

ALLIED COURSE-2 (AC2) – STATISTICAL METHODS

Semester: II
Instruction Hours/Week: 6

Allied Course: 2
Credit: 3

Module I: Correlation Analysis

Definition, Types of correlation, Co-efficient of correlation and its interpretation, Methods of measurement: scatter diagram, graphic method – Pearson’s method, Spearman’s method – Simple problems - Coefficient of determination.

Module II: Regression Analysis

Meaning and Definition, Usefulness of regression – two regression lines – regression equation – Regression coefficients - calculation of regression coefficients from arithmetic mean and assumed mean – Standard error of estimate - Difference between correlation and Regression – Limitations of regression analysis – simple problems.

Module III: Index Numbers

Meaning, features, uses and limitation of index numbers – Classification: Price Index, Quantity Index, Value Index and Special purpose Index - Methods of constructing index numbers: (i) Unweighted - Simple aggregative method and Simple average of Price relatives method - (ii) Weighted index numbers: Laspeyres’, Paasche’s and Fisher’s Ideal Index Methods – Chain Base index number, its merits and demerits – Construction of Consumer Price Index: meaning, uses, steps involved and methods of construction: (i) aggregate expenditure method and (ii) Family budget method – Limitations of Index numbers.

Module IV: Time Series Analysis

Meaning and Uses, Components of time series analysis – Measurement of trend: graphic method, semi average method, method moving of averages and method of least squares, their merits and demerits– Simple problems.

Module V: Probability and Theoretical Distributions

Probability: Meaning, properties and importance, Basic concepts: Mutually exclusive, Equally likely and Exhaustive events, Dependent and Independent events, Simple and compound events – Theorems of probability: Addition and Multiplication theorems – Calculation of probability: Mathematical, Statistical and Conditional probabilities – Simple Problems.

REFERENCES:

5. Murry, R.Spiegel, Schaum’s Theory and Problems of Statistics, McGraw Hill, 1972.
6. Gupta, S.P., “Statistical Methods”, Sultan Chand & Co. NewDelhi.
7. Nadar, E.Narayanan., Statistics, PHI Learning private Limited, New Delhi, 2011.
8. Pillai RSN & V.Bagavathi – Statistics, S.Chand & Co. Ltd, New Delhi

ALLIED COURSE (AC3) - INDIAN STATISTICS

Semester: II
Instruction Hours/Week: 5

Allied Course: 3
Credit: 3

Module 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 – Household statistical surveys.

Module 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.

Module III

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

Module 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.

Module V

Vital statistics – Relevance of census in India – importance – types – Crude birthrate – Crude death rate – Mortality rate – Population growth rate – Uses in Economics – Critical appraisal of Indian Statistics – Composition of HDI.

Reference:

6. SC.Gupta – Fundamentals of Applied Statistics, Sultan Chand & Sons, New Delhi.
7. Pillai RSN & V.Bagavathi – Statistics, S.Chand & Co. Ltd, New Delhi.
8. Reports of NSS Rounds.
9. Annual Reports of CSO.
10. Reports from Statistical Departments.



U16AEC4

ALLIED COURSE - 4 (AC4): PRINCIPLES OF COMMERCE

Semester : III
Instruction Hours/Week : 5

Allied Course : 4
Credit : 3

MODULE – I

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

MODULE – II

Banks – Kinds – RBI- Objectives – Functions – Commercial Banks – Co-operative Banks – Universal Banking System – NBFCs - Insurance – Fire – Marine.

MODULE – 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.

MODULE – IV

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

MODULE – V

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

REFERENCE:

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

ALLIED COURSE- 5 (AC5): MARKETING

Semester : IV
Instruction Hours/Week : 5

Allied Course : 5
Credit : 3

Module I

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

Module II

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

Module III

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

Module IV

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

Module 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.

ALLIED COURSE (AC6): BUSINESS ORGANIZATION

Semester : IV
Instruction Hours/Week : 5

Allied Course : 6
Credit : 3

MODULE – I

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

MODULE – II

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

MODULE – 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.

MODULE – IV

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

MODULE – 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.

SEMESTER – II

COURSE CODE: U16SBE1

PART – IV: COMPUTER APPLICATIONS – I - OFFICE AUTOMATION

HOURS: 2

CREDITS: 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 objectsBookmark – 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.

TEXTBOOKS

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.

Semester III

Hours/Week: 2

Skill Based Elective II

Java Script & ASP

Credit:2 (U16SBE2)

Objective:

- To explain the JavaScript Role in the Web page development.
- To implement the concepts of Variable, Functions, Data Types, Operators, Decision making and Repetition Statements, Frames and Forms of JavaScript.

UNIT – I

Introduction to Java Script: JavaScript's Role on the Web – A First JavaScript Program – Working with Variables, Functions: Variables – Defining Functions – Calling Functions – Understanding JavaScript Objects – Object Methods – Variable Scope

UNIT – II

Windows: The Window Object Model – Opening and closing Windows – Frames and Other Objects: Creating Frames – Using the TARGET Attribute – Nesting Frames – The NOFRAMES Tag

UNIT – III

Forms: Overview of Forms – The <FORM> Tag – Form Elements: Input Fields – Selection Lists – Multiline Text Fields – Validating a User's Input to a Form

UNIT – IV

Introduction to Active Server pages – Advantages – Processing ASP Scripts with forms variables & Constants – Subroutines.

UNIT – V

ASP Objects: Response – Request, Applications , Session, Server & ASP Error Objects.

Text Book:

1. Don Gosselin, "JavaScript Comprehensive" – Vikas Publishing house.

UNIT I: CHAPTER 1& 2

UNIT II: CHAPTER 5

UNIT III: CHAPTER 6

2. N. P. Gopalan and J. Akilandeswari, Web Technology – A Developer's Perspective, PHI Pvt Ltd., 2011.

Unit IV: Chapter 11.1 -11.8

Unit V: Chapter 12.1, 12.2,12.4 – 12.6 and 12.9.

Reference Books:

1. Steve Suehring, "JavaScript Step by Step", 2nd Edition, Microsoft Corporation

2. Ivan Bayross, HTML, DHTML, Java Script, Perl, CGI,BPB, Third Revis.

Semester III

**Skill Based Elective III
(U16SBE3P)**

HTML, Java Script and ASP Lab

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

Objective:

- To improve the students in developing the web page designing concept of using java script

HTML Lab

1. (a) Creation of Vertical Frameset.
(b) Creation of Horizontal Frameset.
2. Sending Mail.
3. Insertion of Image.
4. Application form Creation.
5. Creating an Advertisement for a Company.

Java Script Lab

1. Functions.
2. Frames.
3. Validation.

ASP

1. Create an ASP file to display the message "Have a Good Weekend" if it is a Saturday otherwise "Hang in there, the week will get better".
2. Write an program to get the name and favorite ice cream flavor. Respond with the price of the corresponding ice cream.
3. Create an advertisement for a bookshop using Ad Rotator component.
4. Write a program to manipulate cookies with the information between HTTP sessions such as i. Last Date visited ii. Last Time visited iii. Number of visits

SEMESTER – I

COURSE CODE: U16ES

PART – IV: ENVIRONMENTAL STUDIES

HOURS: 2

CREDITS: 2

UNIT I:

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 II:

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 III:

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 IV:

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 V:

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.

TEXTBOOKS

1. Ekambaranatha Ayyar.M. and T.N. Ananthkrishnan, 1992. Manual of Zoology Vol. 1 [Invertebrata], parts I and II.S. Viswanathan (Printers and Publishers) Pvt. Ltd; Madras.
2. Agarwal, K.C. 2001 Environmental Biology, Nidi Pubi. Ltd. Bikaner.
3. Sharucha Erach, The Biodiversity of India, Mapin Publishing Pvt. Ltd., Ahmedabad.
4. Brunner R.C., 1989, Hazardous Waste Incineration, McGraw Hill Inc.
5. Clark R.S., Marine Pollution, Clanderson Press Oxford (TB)
6. Cunningham, W.P. Cooper, T.H. Gorhani, E & Hepworth, M.T. 2001, Environmental Encyclopedia, Jaico Publ. House, Mumbai,
7. De A.K., Environmental Chemistry, Wiley Eastern Ltd.
8. Down to Earth, Centre for Science and Environment (R)
9. Gleick, H.P. 1993. Water in crisis, Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute Oxford Univ. Press.
10. Hawkins R.E., Encyclopedia of Indian Natural History, Bombay Natural History Society, Bombay (R)
11. Heywood, V.H & Waston, R.T. 1995. Global Biodiversity Assessment. Cambridge Univ. Press
12. Jadhav, H & Bhosale, V.M. 1995. Environmental Protection and Laws. Himalaya Pub. House, Delhi.
13. Mckinney, M.L. & School, R.M. 1996. Environmental Science systems & Solutions, Web enhanced edition.
14. Mhaskar A.K., Matter Hazardous, Techno-Science Publication (TB)
15. Miller T.G. Jr. Environmental Science, Wadsworth Publishing Co. (TB)
16. Odum, E.P. 1971. Fundamentals of Ecology. W.B. Saunders Co. USA.
17. Rao M N. & Datta, A.K. 1987. Waste Water treatment. Oxford & IBH Pubi. Co. Pvt. Ltd.
18. Sharma B.K., 2001. Environmental Chemistry. Geol Pubi. House, Meerut
19. Survey of the Environment, The Hindu (M)
20. Townsend C., Harper J, and Michael Begon, Essentials of Ecology, Blackwell Science (TB)

21. Trivedi R.K., Handbook of Environmental Laws, Rules Guidelines, Compliances and Standards, Vol I and II, Enviro Media (R)
22. Wanger K.D., 1998 Environmental Management. W.B. Saunders Co.Philadelphia, USA
(M) Magazine (R) Reference (TB) Textbook

SEMESTER – IV

COURSE CODE: U16VE

PART – IV: VALUE EDUCATION

HOURS: 1

CREDITS: 2

UNIT I:

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 II:

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 III:

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 IV:

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 V:

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.

TEXTBOOKS

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 (for All Units)

SEMESTER – V

COURSE CODE: U16SS

PART – IV: SOFT SKILLS

HOURS: 2

CREDITS: 2

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

1. 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)
2. 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

1. Developing the leader within you John C Maxwell
2. Good to Great by Jim Collins
3. The Seven habits of highly effective people Stephen Covey
4. Emotional Intelligence Daniel Goleman
5. You can Win Shive Khera

Principle centred leadership Stephen Covey

SEMESTER – VI

COURSE CODE: U16GS

PART – V: GENDER STUDIES

HOURS: 1

CREDITS: 1

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.

TEXTBOOKS

1. Bhasin Kamala, Understanding Gender: Gender Basics, New Delhi: Women Unlimited 2004
2. Bhasin Kamala, Exploring Masculinity: Gender Basics, New Delhi: Women Unlimited, 2004
3. Bhasin Kamala, What is Patriarchy? : Gender Basics, New Delhi: Women Unlimited, 1993
4. Pernau Margrit Ahmad Imtiaz, Reifeld Hermut (ed.) Family and Gender: Changing Values in Germany and India, New Delhi: Sage Publications, 2003
5. Agarwal Bina, Humphries Jane and Robeyns Ingrid (ed.)
6. Capabilities, Freedom, and Equality: Amartya Sen's Work from a Gender Perspective, New Delhi: Oxford University Press, 2006
7. Rajadurai.S.V, Geetha.V, Themes in Caste Gender and Religion, Tiruchirappalli: Bharathidasan University, 2007 Misra Geetanjali, Chandiramani Radhika (ed.,)

8. Sexuality, Gender and Rights: Exploring Theory and Practice in South and Southeast Asia, New Delhi: Sage Publication, 2005 Rao Anupama (ed.)
9. Gender & Caste: Issues in Contemporary Indian Feminism, New Delhi: Kali for Women, 2003
10. Saha Chandana, Gender Equity and Gender Equality: Study of Girl Child in Rajasthan, Jaipur: Rawat Publications, 2003
11. Krishna Sumi,(ed.) Livelihood and Gender Equity in Community Resource Management New Delhi: Sage Publication, 2004
12. Wharton .S Amy, The Sociology of Gender: An Introduction to Theory and Research, USA: Blackwell Publishing, 2005.
13. Mohanty Manoranjan (ed.) Class, Caste, Gender: Readings in Indian Government and Politics- 5, New Delhi: Sage Publications, 2004.
14. Arya Sadhna, Women, Gender Equality and the State, New Delhi: Deep & Deep Publications, 2000.