

**G.T.N. ARTS COLLEGE(Autonomous)
Dindigul**

**(Affiliated to Madurai Kamaraj University)
(Accredited with 'B' Grade by NAAC)**



DEPARTMENT OF HISTORY

SYLLABUS

(With effect from the academic year 2017 – 2018)

PRINCIPAL

Dr. N.Krishnamoorthy, M.Com., M.B.A., M.Sc., M.Phil., M.Ed.,
PGDCA., PGDFM., Ph.D.,

STAFF

1. **Dr. P. BALAGURUSAMY**, M.A., M.Phil., M.Ed., PGDCA., Ph.D., - **Associate Professor & Head**
2. **Mr. P. SANGARALINGAM**, M.A., M.Phil., PGDT., - **Associate Professor**
3. **Tmt. . D. SRIVENI DEVI**, M.A., M.Phil., PGDCA., - **Assistant Professor**
4. **Dr. M. S. FATHIMA BEGUM**,
M.A (His.), M.A(Eng.), M.A(RPM), M.Phil., Ph.D., - **Assistant Professor**
5. **Mr. S.PALANIKUMAR**, M.A., B.Ed., M.Phil., - **Assistant Professor**

G.T.N ARTS COLLEGE (Autonomous)

DEPARTMENT OF HISTORY

CHOICE BASED CREDIT SYSTEM

B.A DEGREE COURSE IN HISTORY

Rules and Regulations, Course Scheme and Scheme of Examinations governing the B.A DEGREE COURSE IN HISTORY

(For those admitted in June 2017 and later)

The Rules and Regulations governing the B.A Degree Course in History are to be followed as per the Operational Guidelines for Under Graduate degree courses (for those who admitted in June 2017 and later)

I. COURSE OBJECTIVES

To enable the Students to

- i. Know the detailed study of History of India and Tamil Nadu as well as the substantial surveys of the History of other countries of the world.
- ii. Relate the study of History with practical needs and tasks and equip students with the capabilities to think, comprehend and present issues in the proper perspective.
- iii. Inculcate in students a broad inter-disciplinary perspective and thereby make them inquisitive and intellectually sharper.
- iv. Teach students who are eager to study History and acquire a broad understanding of historical ideas, social, economical, cultural and religious developments and popular movements.

II. ELIGIBILITY FOR ADMISSION

Candidates seeking admission into the B.A. HISTORY Degree Course must have passed the Higher Secondary Examination, conducted by the Board of Higher Secondary Examinations, Government of Tamil Nadu or any other examination accepted by the Syndicate of the Madurai Kamaraj University as its equivalent with.

III. DURATION OF THE COURSE

The Course is for a period of three years. There will be two semesters in an academic year.

IV. COURSE OF STUDY

The following will be the subject pattern for the B.A. History Programme.

Part – I : Tamil

Part – II : English

- PART – III :**
1. Core Subjects
 2. Electives
 3. Allied Subjects

- PART – IV :** 1.Non- Major Elective Subjects
2. Skill Based Subjects
3. Environmental Studies
4.Value Education

PART V: Extension Activities

PART I AND PART II

The number of Tamil and English language courses are 4 in number.

PART III

The number of core courses will be 14. Elective subjects will be 2 and Allied subjects will be 4. Modern Governments (two courses)and General Economics (two courses) will be the Allied Subjects.

PART IV

The number of Non-Major Elective Courses will be 2 and the Skill based Subjects will be 6. A Student has to choose any two of the Non-Major Elective courses offered by other departments. Environmental Studies and Value Education will be the Common Papers in fifth and sixth semester respectively.

PART V

A Student shall be awarded a maximum of 1 credit for compulsory Extension Service. These should be carried out outside the class hours. All the Students shall have to enroll for NSS/NCC/Sports and Games or any other service organizations in the College and shall have to earn minimum hours of attendance to be prescribed by the College.

CREDIT

The term ‘Credit’ refers to the weightage given to a course, usually in relation to the instructional hours assigned to it. The total Credit required for completing B.A. (History) Degree is 150. The particulars of Credit for individual components and courses are presented in Table 1.

SCHEME OF EXAMINATION

It is Presented in Table 2.

EVALUATION

Evaluation for each course shall be done by a continuous internal assessment by the concerned course teacher as well as by an end semester examination and the ratio is 25:75 (i.e. Internal 25 Marks and External 75 Marks)

The Components for Internal Assessment are:

Two Tests	- 15 Marks (Average of Two Tests)
Seminar/Quiz	- 5 Marks (One Seminar / Average of Two Quiz)
Assignment	- 5 Marks (Average of Two Assignments)
Total	- 25 Marks

QUESTION PATTERN FOR COMPREHENSIVE EXAMINATION

EXTERNAL : 75 MARKS

TIME : 3 HOURS

SECTION A

(10 x1 = 10 MARKS)

Multiple Choice Questions

Two Questions from Each Unit Q.NO 1- 10

SECTION B

(5x7 =35 MARKS)

Answer All Questions Choosing Either (A) or (B)

Answer not Exceeding Two Pages

One Question from Each Unit

Q.NO 11 a or b

Q.NO 12 a or b

Q.NO 13 a or b

Q.NO 14 a or b

Q.NO 15 a or b

SECTION C

(3x 10=30 MARKS)

Answer any Three out of Five

Answer not Exceeding Four Pages

One Question from Each

Q.NO 16– 20

Note 1.No Unit shall be omitted ;
2.Not more than two questions from each unit.

B.A HISTORY
Table -1 : COURSE PATTERN
SCHEME AND REGULATION
CHOICE BASED CREDIT SYSTEM (with effect from 2017-2018)

S.No	Study Component	No. of Course	Hours per Course for a Week	Total Hours per Week	Credit per Course	Total Credit	Total Marks
1	PART-I	4	6	24	3	12	400
	TAMIL						
2	PART-II	4	6	24	3	12	400
	ENGLISH						
3	PART-III	14	5-6	76	5	70	1400
	CORE SUBJECTS AND PROJECT						
	ALLIED COURSE						
	ELECTIVE COURSE						
4	PART- IV	2	2	4	2	4	200
	NON-MAJOR ELECTIVE COURSES						
	SKILL BASED SUBJECTS						
	ENVIRONMENTAL STUDIES						
	VALUE EDUCATION						
	PHYSICAL EDUCATION-I Sem (Compulsory Paper)						
5	PART -V	1	-	-	1	1	100
	EXTENSION ACTIVITIES NSS/NCC/ PHYSICAL EDUCATION/ FORUMS / CLUBS						
	TOTAL	39		180		140	4000

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DEPARTMENT OF HISTORY

Choice Based Credit System

Scheme of Examination

(with effect from the Academic Year 2017 – 2018)

B.A HISTORY – I Semester

Sem.	Course Code	Part	Course Title	Hrs/Week	Exam Duration (hrs)	Marks		Total Marks	Credit
						Int	Ext		
I	17UTAL11	Part- I	Tamil	6	3	25	75	100	3
	17UENL11	Part - II	English	6	3	25	75	100	3
	17UHIC11	Part –III Core Courses	Course- I- History of India (From the Beginning to 646 C.E)	5	3	25	75	100	5
	17UHIC12		Course-II- History of Tamil Nadu (From the Beginning to 850 C.E)	5	3	25	75	100	5
	17UHIA11	Allied Course	Course–II General Economics - I	6	3	25	75	100	4
	17UHN11	Part - IV Non-Major Elective - I	Course–I Socio-Religious Reform Movements in Modern India (Since 1800 C.E)	2	3	25	75	100	2
			TOTAL	30					22

B.A History – II Semester

Sem	Course Code	Part	Course Title	Hrs/Week	Exam Duration (hrs)	Marks		Total Marks	Credit
						Int	Ext		
II	17UTAL21	Part- I	Tamil	6	3	25	75	100	3
	17UENL22	Part - II	English	6	3	25	75	100	3
	17UHIC21	Part –III Core Courses	Course- III- History of India (From 646 A.D to 1556 C.E)	5	3	25	75	100	5
	17UHIC22		Course-IV- History of Tamil Nadu (From 850 A.D to 1530 C.E)	5	3	25	75	100	5
	17UHIA21	Allied Course	Course–II General Economics – II	6	3	25	75	100	4
	17UHN21	Part - IV Non-Major Elective - II	Course – II History of Modern Tamil Nadu 1800C.E to 1947 C.E	2	3	25	75	100	2
	17UPEV2P	Physical Education	Physical Education	-	-	40	60	100	1
			TOTAL	30					23

B.A HISTORY – III Semester

Sem	Course Code	Part	Course Title	Hrs/Week	Exam Duration (hrs)	Marks		Total Marks	Credit
						Int	Ext		
III	17UTAL31	Part- I	Tamil	6	3	25	75	100	3
	17UENL31	Part - II	English	6	3	25	75	100	3
	17UHIC31	Part-III Core Courses	Course – V- History of India From 1556 to1885 C.E	5	3	25	75	100	5
	17UHIC32		Course – VI- History of Tamil Nadu From 1530 to 1801 C.E	5	3	25	75	100	5
	17UHI A31	Allied Course	Course– III –Modern Governments-I	6	3	25	75	100	4
	17UHI S31	Skill Based Course	Course–I –Panchayat Raj and Rural Development	2	3	25	75	100	2
			TOTAL	30					22

B.A HISTORY – IV Semester

Sem	Course Code	Part	Course Title	Hrs/Week	Exam Duration (hrs)	Marks		Total Marks	Credit
						Int	Ext		
IV	17UTAL41	Part- I	Tamil	6	3	25	75	100	3
	17UENL41	Part – II	English	6	3	25	75	100	3
	17UHI C41	Part-III Core Courses	Course-VII History of India From 1885 to Present Day	5	3	25	75	100	5
	17UHI C42		Course-VIII History of Tamil Nadu From 1801 to Present Day	5	3	25	75	100	5
	17UHI A41	Allied Course	Course –IV Modern Governments-II	6	3	25	75	100	4
	17UHI S41	Skill Based Course	Course–II Journalism	2	3	25	75	100	2
			Part – V Extension Activities	NSS /NCC/ PHYSICAL EDUCATION/ FORUMS / CLUBS				100	100
			TOTAL	30					23

B.A HISTORY – V Semester

Sem.	Course Code	Part	Course Title	Hrs/Week	Exam Duration (hrs)	Marks		Total Marks	Credit
						Int	Ext		
V	17UHIC51	Part –III Core Courses	Course- IX-History of Europe 1453 to 1789 C.E	6	3	25	75	100	5
	17UHIC52		Course-X-Elements of Historiography	6	3	25	75	100	5
	17UHIC53		Course-XI History of World Civilizations	6	3	25	75	100	5
	17UHIE51/ 17UHIE52	Elective Course	Course-I- History of USA from 1860 to 1945 C.E / Course-I- Constitutional History of England Since 1603 A.D	6	3	25	75	100	4
	17UHIS51	Part – IV Skill Based Course	Course-III- Introduction to Archaeology	2	3	25	75	100	2
	17UHIS52		Course-IV-Archives Keeping	2	3	25	75	100	2
	17UESV51	Part – V Environmental Studies	Environmental Studies	2	3	25	75	100	2
			TOTAL	30					25

B.A HISTORY –VI Semester

Sem	Course Code	Part	Course Title	Hrs/ Week	Exam Duration (hrs)	Marks		Total Marks	Credit
						Int	Ext		
VI	17UHIC61	Part –III Core Courses	Course- XII - History of Europe 1789 to 1945 A.D	6	3	25	75	100	5
	17UHIC62		Course-XIII – History of Science and Technology	6	3	25	75	100	5
	17UHIC63		Course- XIV – Elements of Tourism	6	3	25	75	100	5
	17UHIE61/ 17UHIE62	Elective Courses	Course-II International Relation since 1945 C.E / Course-II Constitutional History of India Since 1773 AD to 1950AD	6	3	25	75	100	4
	17UHS61	Part – IV Skill Based Courses	Course-V- Introduction to Epigraphy	2	3	25	75	100	2
	17UHS62		Course-VI-Indian Architecture	2	3	25	75	100	2
	17UVEV61	Part – V Value Education	Value Education	2	3	25	75	100	2
			TOTAL	30					25

G.T.N. ARTS COLLEGE, (Autonomous) DINDIGUL
SYLLABUS FOR B.A., (History) UNDER CBCS
(With effect from the academic year 2017 – 2018)
FIRST SEMESTER

ghlj; jiyg;G: ,f;fhy ,yf;fpaKk; GidfijAk; gUtk; : 1
ghlf; FwpaPL : 17UTAL11 gFjp : I kzp Neuk;/thuk; : 6 kjpg;gPl;L myF :

Nehf;fk;

,f;fhyf; ftpij> rpWfij> Gjpd tiffis mwpKfk; nra;jy;> ,f;fhy ,yf;fpaq;fspd; topg; GydHfK;
fUj;Jf;fisg; ngwr; nra;jy;> gad;ghl;Lj; jkpo; ,yf;fzj;ij mwp; nra;jy;

gad;

ftpjij> rpWfij gilf;Fk; Mw;wy; ngWjy;> r%f czHT+l;Lk; gilg;Gfis mwpe;J fw;wy;.

\$W 1 kuGf;ftpjijfs;

20 kzp Neuk;

ghujpahH fz;zd; vd; Nrtfd; - ghujpjhrd; njhopyhsH tpz;zg;gk; - ftpkzp ciuf;f
Ntz;Lk; - gl;Lf;Nfhl;il fy;ahz Re;juk; kdpjdhf tho;ejpl Ntz;Lk; - fz;zjhrd; xU ghidapd; fij -
Kbaurd; ahH ftpQd;.

\$W 2 GJf;ftpjijfs;

20 kzp Neuk;

e.gpr;r%Hj;jp Mj;J}ud; %l;il – eh.fhkuhrd; fhfpjg;G+f;fs; – K.Nkj;jh vd;Dila tpLKiw ehs;
– mg;Jy; uFkhd; Mwhj mwpT – ituKj;J le;J ngpJ MW rpwpJ – kPuh neQ;Nr! epy;! epy;! –
ghyh thdk; trg;gLk; – ney;iy n[ae;jh njhg;Gs; nfhb – ckh kNf];thp Rak; – i'f;\$ ftpjijfs;.

\$W 3 rpWfijfs;

20 kzp Neuk;

GJikg;gpj;jd; rhg tpNkhrdk; – F.g.uh[Nfhghyd; cz;ikf;fij –F.mofphprhkp uh[h
te;jpUf;fpwhH – fy;fp fbjKk; fz;zPUk; – n[afhe;jd; Af re;jp – mzzh nrt;thio – fp.uh[ehuhazd
fjT.

\$W 4 ,yf;fzk;

15 kzp Neuk;

KjnyOj;Jf;fs; – rhHngOj;Jf;fs; – nkhop Kjy; vOj;Jf;fs; – nkhop ,Wjp vOj;Jf;fs; – ty;nyOj;J
kpFk; ,lq;fs; – ty;nyOj;J kpfh ,lq;fs;.

\$W 5 ,yf;fpa tuyhWk; gad;ghl;Lj;jkpOk;

15 kzp Neuk;

20 Mk; Ew;whz;,,,,,by; kuGf;ftpjijapd;; tsHr;rp – GJf;ftpjijapd; Njhw;wKk; tsHr;rpAk; –
rpWfijapd; Njhw;wKk; tsHr;rpAk; – kuGg;gpio ePf;Fjy; – gpwnkhopr; nrhw;fis ePf;Fjy; –
XnuOj;J xU nkhopfs; – xyp NtWghLfSk; nghUs; NtWghLfSk;

ghlE}y;

1. R[hjh .rh (njh.M).> (2017)> “,f;fhy ,yf;fpaKk; GidfijAk”;> epA+ nrQ;Rhp Gf;
`T]; gpiuNtl; ypkpnll;> nrd;id.

ghh;it E}y;fs;

1. rptj;jk;gp.fh.> (1978)> “*jkpopy; rpWfijapd; Njhw;wKk; tsHr;rpAk*”;> jkpo;g; Gj;jfhyak;> nrd;id.
2. Rg;Gnul;bahu;e.> (1982)> “*fz;zd; ghl;Lj;jpwd;*> *rHNthja ,yf;fpag; gz;iz*”> kJiu
3. jz;lghzp NjrpFH.r.> (2008)> “*ed;D}y; tpUj;jpAiu*”> rhujh gjpg;gfk;> nrd;id.
4. ty;ypf;fz;zd;.> (2011)> “*GJf;ftpijapd; Njhw;wKk; tsHr;rpAk*”> rPijg; gjpg;gfk;> nrd;id.

Course Title: English for Enrichment - I Semester: 1
Course Code: 17UENL11 Part: II Contact Hours /Week: 6 Credit: 3

Objectives

To teach language through literature and enable students to learn and imbibe good values of life gained from Literature.

Unit I Poetry 18 Hours

- | | |
|-----------------|-------------------------|
| 1. D.H.Lawrence | -Snake |
| 2. Wole Soyinka | -Telephone Conversation |
| 3. John Milton | -On His Blindness |
| 4. Shelley | - Ozymandias |

Unit II Prose 18 Hours

- | | |
|-----------------------|----------------------------------|
| 1. Abraham Lincoln | - Letter to his son's Headmaster |
| 2. Stephen Leacock | -With the Photographer |
| 3. W.R. Inge | -Spoon Feeding |
| 4. Martin Luther king | - I have a Dream |

Unit III Short Stories 18Hours

- | | |
|-----------------------|------------------------|
| 1. Rev. G.W.Cox | - Orpheus and Eurydice |
| 2. Flora Annie Steele | -Valiant Vicky |
| 3. Guy De Maupassant | -The Wedding Gift |
| 4. R. K. Narayan | - Engine Trouble |

Unit IV Grammar 18 Hours

1. Noun, Pronoun, Verb, Adjective
2. Adverb, Preposition, Conjunction, Interjection
3. Transitive & Intransitive Verb
4. Articles

Unit V Composition 18 Hours

1. Letter Writing
2. Precise Writing
3. Reading Comprehension
4. Advertisement

Text Book

1. Text Book prepared by Dr.Sudha. A. D. and Dr. Kavitha. R.

Reference Books

1. Green, David, *Contemporary English Structures and Composition*. Macmillan, Chennai:2015.
2. Nesfield, J.C. *English Grammar, Composition and Usage*.Macmillan, Chennai: 2004.
3. Radhakrishna Pillai, G .*Emerald English Grammar and Composition*. Chennai: Emerald Publication, 1990.

Course Title: History Of India Upto 646 C.E.

Semester : 1

Course Code : 17UHIC11

Part : III

Contact Hours /Week : 5

Credit : 5

Objectives

To enable Students to gain knowledge about Ancient Indian History, origin and growth of new religious Institutions and its spread to different parts of Asia and to bring to limelight the facets of the Mauryan, Gupta and Vardhana Empires.

Unit I

10 Hours

Geographical features – Sources of History – Indus valley civilization – Salient features – Vedic civilization – Political, Social, Economic and Religious Life.-

Unit II

18 Hours

Condition of North India during 6th Century C.E – Causes for the rise of new Religions – Buddhism – Principles - Contribution of Buddhism – Mahavira - Principles of Jainism – Contribution of Jainism – Rise of Magadha – Persian and Macedonian invasions - effects.

Unit III

18 Hours

The Mauryan Dynasty – Sources – Chandragupta Maurya – Asoka – Kalinga war – Edicts of Asoka – His contribution to Buddhism – Mauryan administration – Causes for the downfall of Mauryan Empire – Kanishka – contribution to Buddhism – Gandhara art.

Unit IV

17 Hours

The Gupta Dynasty – Sources – Chandra Gupta I – Samudra Gupta – Chandra Gupta II- Kumara Gupta – Skanda Gupta – Achievements – Golden age of Guptas – Administration – causes for the downfall – Hun's Invasion – Effects.

Unit V

12 Hours

Vardhana empire – Sources – HarshaVardhana – Political , Social and Economic Life – Religion – Hiun Tsang and Itsing.

Maps

1. Indus Valley Sites
2. Asokan Edicts
3. Gupta Empire
4. Harsha's Empire

Text Books

1. Mahajan V.D., *History of Ancient India*, S.Chand&Co, New Delhi , 1990
2. Sathianathaier. R, *A Political and Cultural History of India*, Vol.I, 1980
(Ancient India), S. Viswanathan (Printers and Publishers) Pvt Ltd., Madras.

Reference Books

1. MajumdarR.C. &others, *Advanced History of India*, Macmilan&Co, New Delhi, 1968
2. Romila Thapar, *History of India Vol I*, Penguin India, , New Delhi , 2000
3. Luniya B.N., *Evolution of Indian Culture*, Lakshmi Narain Agarwal, New Delhi, 1980
4. Sharma L.P, *History of Ancient India*, Konark Publishers Pvt Ltd, New Delhi.,2008
5. Vincent A.Smith, , *Early History of India*, Atlantic Publishers & Distributors, New Delhi,1999

Course Title: History Of Tamilnadu (from the beginning to 850 C.E) Semester : 1
Course Code : 17UHIC12 Part : III Contact Hours /Week : 5 Credit : 5

Objectives

To enable the students to gain an in depth knowledge about the socio, political and cultural developments in Ancient Tamilnadu and the contribution of early Tamil rulers to art and architecture

Unit I 10 Hours

Geographical features – Impact of geography on the History of Tamilnadu- Sources: Archaeological, Epigraphical, Literary , Numismatics and Foreign accounts.

Unit II 18 Hours

Pre-history of the Tamils- The Sangam Age- Various theories regarding the period of Sangam Age – Sangam Literature – Karikala – Chenkutuvan – Thalaiyalamknathu Seruvenra Pandya Nedunchelivan- social, political ,cultural and Economic conditions during the Sangam Age.

Unit III 17 Hours

Kalabhra interregnum – Socio, Political and Religious conditions under Kalabhras - First Pandyan Empire – Causes for its decline

Unit IV 18 Hours

Age of the Pallavas –Origin of Pallavas –Simha Vishnu- Mahendravarma I, Narasimhavarma I, Mahendra II, Parameshwara I, Rajasimha Parameshwara II and others – Contributions of Pallavas to art and architecture.

Unit V 12 Hours

Pallava – Chalukya conflict – Relations of Pallvas with Rashtrakutas, Pandyas and Cholas - Socio, Economic and Religious condition of Tamilnadu between 6th and 9th Century C.E – Bakthi Movement.

Text Books

1. Subramaniam. N, *History of Tamilnadu*, Vol.I& II, Koodal Publications, Madurai, 1924
2. Rajayyan K, *History of Tamilnadu Past to Present*, Ratna Publications, Madurai ,1995

Reference Books

1. Krishnasamy Aiyangar S., *Beginnings of South Indian History*, Modern Printing Works, Madras, 1918
2. Kanagasabai V.,*The Tamils 1800 Years ago*, Asian Educational Services, Madras,1989
3. Sastri K.N., *Studies in Cola History and Administration*, University of Madras, Madras,1932
4. Pillai K.K, *The Social History of the Tamils*, University of Madras, Madras, 1969
5. Noboru Karashima, *A Concise History of South India: Issues and Interpretations*, Oxford University Press, 2014

Course Title: General Economics I Semester : 1
Course Code : 17UHIA11 Part : III-Allied Contact Hours /Week : 6 Credit : 4

Objectives

To enable the students to know the Basic concepts in Economics and to study the Important theories in Economics.

Unit I INTRODUCTION 20 Hours

Definition of Economics – Adam Smith – Alfred Marshall and Lionel Robbins-Paul Samuelson -Scope of Economics – Main sub-divisions – Science or Arts – positive or normative Deductive and Inductive method – Economic laws – Nature and comparison with the laws of Other Sciences – Basic concepts – Goods, Utility, Human wants, value and Price, Diamond Water Paradox-Market and Income.

Unit II CONSUMPTION 18 Hours

Law of Diminishing Marginal utility – law of Equi-Marginal Utility – Law of Demand and law of Supply – Elasticity of demand – methods of measurement of elasticity of Demand – Kinds of Elasticity – Perfectly elastic, perfectly inelastic, relatively inelastic and Unitary elasticity – Consumer's Surplus.

Unit III PRODUCTION 20 Hours

Meaning and characteristic features of production – land, Labor. Capital and Organization - Laws of Returns – Division of Labor – Labor Productivity-- localization of Industry - Theories of Population - Malthusian and optimum - Population and Economic Development.

Unit IV ECONOMIC ORGANISATION 16 Hours

Capital Formation – Physical capital and human capital – capital formation and Economic development – meaning and functions of Entrepreneurship.

Unit V MARKET STRUCTURE 16 Hours

Analysis of supply and demand – cost and revenue – Price and output determination under different markets - Perfect competition – Monopoly – Monopolistic competition. Price discrimination.

Text Books

1. Ahuja, H. L (1989), *Principles of Micro Economics*, S.Chand & Co., , New Delhi.
2. Gurusamy, M. P. (1998), *General Economics I*, Guruthemozhi pathipagam, Saathankulam.
3. Srinivasan, N. (2008), *General Economics I*, Sri Meenakshi pathipagam, , Madurai

Reference books

1. Anna Koutsoyiannis (1987), *Theory of Economics*, Princeton Publishers, New Delhi.
2. Sankaran. S. (2003), *Economic Analysis*. Margham Publishers, Chennai.
3. Seth, M. L. (1998), *Principles of Economics*, S.Chand & Co., New Delhi.
4. Stonier, W. & Hague (1995), *A Text Book of Economic Theory* –E.L.B.S.

Course Title: English for Better Life-I Semester: 1
Course Code: 17UENN11 Part: III Contact Hours /Week: 2 Credit: 2

Objectives

To enable the students to converse freely in English and deliver public speech effectively and to facilitate the students to be placed in suitable jobs

Unit I 6 Hours

Self Introduction
Questioning and Answering

Unit II 6 Hours

Speak for a minute
Extempore
Turn Coat
Debate

Unit III 6 Hours

Dialogue in Formal Situations
Narrating Stories

Unit IV 6 Hours

Conversation in Informal Situations
Narrating experiences

Unit V 6 Hours

Group Discussion
Argument

Text Book

1. Anushya, K. *English for Better Life I* (For Private Circulation)

Reference Books

1. Jones, Leo. *Activities for Intermediate Students*. London: Cambridge University Press, 1992.
2. Mohan, Krishna and N.P Singh: *Speaking English Effectively*. Chennai: Laxmi Publications, 2015.
3. Pillai, G. Radhakrishnan and K. Rajeevan: *Spoken English for You*. Chennai: Emerald Publishers, 2002.

Course Title: Business Accounting	Semester : 1
Course Code : 17UCON11 Part : IV Contact Hours /Week : 2	Credit : 2

Objectives

To familiarize the non-commerce students about the basics of accounting concepts, principles and conventions and to make the students to know about the preparation of Journal, Ledger, Trial Balance and Balance Sheet

Unit I **6 hours**

Introduction – Book Keeping – Accountancy – Differences – Double Entry System – Merits and Limitations – Differences between Single Entry and Double Entry System – Classification of Accounts – Rules – Users of Accounting information.

Unit II **6 hours**

Books of Prime Entry – Accounting Equation – Journal – Advantages – Ruling (Simple Problems) .

Unit III **6 hours**

Subsidiary Books – Objectives – Advantages – Purchases Book – Sales Book – Returns Books – Cash Book – (Simple Problems) Difference between Trade Discount and Cash Discount.

Unit IV **6 hours**

Books of Final Entry – Ledgers – Advantages – Ruling – (Simple Problems) – Trial Balance – Advantages – Difference between Trial Balance and Balance Sheet – Preparation of Trial Balance from given Ledger Balances.

Unit V **6 hours**

Final Accounts of Sole Trading Concerns – Adjustments : Outstanding Expenses – Prepaid Expenses – Closing Stock – Depreciation – Bad debts – (Simple Problems) – Cost of Goods Sold.

Note: 40% Theory and 60% Problems

Text Book

1. Inbalakshmi, M, (2015) “*Business Accounting*”, Kalyani Publishers, Ludhiana.

Reference Books

1. Reddy, T.S.& Murthy,A., (2016) “*Financial Accounting*”, Margham Publications, Chennai.
2. Tulsian, P.C., (2015) “*Financial Accounting*”, Pearson Education, Ed.7. New Delhi.
3. Jain. S.P., Narang, K.L., (2016) “*Advanced Accountancy*”, Kalyani Publishers, Ludhiana.

Objectives

The aim of this course is to introduce the basic concepts in mathematics which are relevant for students of humanities and arts.

Unit I 6 hours

Theory of Matrices –types of matrices –operations on them - Addition, Multiplication of two matrices.

Unit II 6 hours

Theory of indices, properties-simple problems –theory of Surds-properties- simplification – simple problems.

Unit III 6 hours

Differential calculus –differentiating addition subtraction of two functions –product rule - (Simple problems)

Unit IV 6 hours

Logarithms - Logarithms functions – changing the base -simplification– common logarithms.

Unit V 6 hours

Set Language- Theory of sets – Venn diagrams – Demorgan ‘s laws-cardinality –power set- simple problems.

Text Book

- 1.Manoharan .M., Dr.Elango.C and Eswaran K.L, (2007), *Business mathematics*, Paramount publications – Bodi

Reference Books

- 1.Vittal.R.R .,(2014), *Business Mathematics* Maragam Publications,Chennai.
2. Balakrishnan.R, (2010), *Quantitative Aptitude*, Pava Publications,.
3. Ranganathan.C, (2003),*Business Mathematics*, Himalayan publication,.

Course Title Basic Physics - I	Semester : 1
Course Code : 17UPHN11 Part : IV Contact Hours /Week : 2	Credit : 2

Objectives

To enable the learners to understand the basics of Units and Dimensions and uses of dimensions, Types of matter, Change of state , Specific heat capacity and latent heat, different types of energy with examples and law of conservation of energy, Renewable and nonrenewable energy sources and advantages of renewable energy sources and basics of law of reflection and refraction and image formation in mirror and lens

Unit – I 6 hours

S.I. units - measurement of length, mass, time and other physical quantities - Dimension formula for area, volume, density and force - Uses of dimensions

Unit – II 6 hours

Matter - Solid, liquid, gas and plasma - Applications of plasma - Change of state - Specific heat capacity - Specific Latent heat of ice and steam

Unit – III 6 hours

Kinds of energy - Mechanical energy, Thermal energy, Optical energy, Sound energy, Electrical energy, Atomic and nuclear energy - Examples - Conservation of energy.

Unit – IV 6 hours

Renewable and non - renewable energy - Fossil fuel - Coal oil - Solar - Wind - Bio mass – OTEC

Unit – V 6 hours

Mirror - Laws of reflection - Image formation (Concave and Convex Mirror) - Lens - Laws of refraction - Image formation (Concave and Convex Lens) - Defects of eye and rectification.

Text Book

1. Narayan Rao.B.V.,(1998), First Year B. Sc Physics, New Age International (P) Lt.

Reference Books

- 1.Rai.G.D,(2001),*Solar Energy Utilization*,Khanna Publishers,Delhi.
2. Kothari D.P., Singal.K.C. and Rakesh Ranjan,(2008), *Renewable energy sources and emerging Technologies*, Prentice Hall of India.
- 3.Brijlal and Subramaniyam.N.,(2008)*Principles of Physics*, S.Chand and Co.Pvt Ltd.

Course Title: Industrial Chemistry

Semester : 1

Course Code : 17UCHN11

Part : IV

Contact Hours /Week : 2

Credit : 2

Objectives

To understand various industrial process involved in the Milk and Milk Products, Agricultural, Polymer, Petrochemicals Industry and know the concepts of Nuclear power plants

Unit I

6 hours

Milk and Milk Products Industry : Composition of Milk. Physical properties of milk. Effect of heat on milk. Milk products- manufacturing process of cream, Butter, Ice cream, Milk Powder.

Unit II

6 hours

Agricultural Industry – Nutrients for plants – Major and minor nutrients – Role of NPK – Urea – Super Phosphate – Mixed fertilizers

Unit- III

6 hours

Polymer Industry – Rubber - Natural and Synthetic rubber –difference and examples (Structure not necessary) – Vulcanization of rubber – Plastic - difference between Thermo and Thermosetting plastics.

Unit IV

6 hours

Petrochemical industry: Crude oil –Fractional distillation of crude oil, Gasoline –octane numbr, Diesel - cetane number – Natural gas – LPG - CNG

Unit V

6 hours

Nuclear Power Plants – Nuclear Power plants in India – Nuclear fuels – Concepts of Nuclear fission and energy production – Nuclear waste disposal and hazards.

Text Book

1. Sharma.B.K.,(2016),*Industrial Chemistry* (Including Chemical Engineering), Goel Publishing House, Meerut

Reference Books

1. B.K.Sharma (2016), *Industrial Chemistry* (Including Chemical Engineering), Sharma Goel Publishing House, Sixteenth revised and enlarged Edition
2. Arun Bahl, B.S.Bahl (2008), *Advance Organic Chemistry*, S.Chand & Company New Delhi.
3. Jain P.C. (1976), *Engineering Chemistry*, Dhanpat Rai Publishing Company (P) Ltd.,

Course Title: Human Biology

Semester : 1

Course Code : 17UZON11

Part : IV

Contact Hours /Week : 2

Credit : 2

Objectives

To provide information regarding nutrition, their deficiency diseases, chromosomal abnormalities, human genome, physiology of vital organs, basic concepts in embryology and applied biology.

Unit I Health and Hygiene

6 hours

Composition of food, Digestion and absorption of food, Balanced diet, Vitamin deficiencies, Calorific value of food, Malnutrition and Obesity, protein deficiency.

Unit II Genetics

6 hours

Sex determination in Man -Chromosomal abnormalities (Down, Turner's, Klinefelter's syndromes) –Human Blood groups, Eugenics, Euthenics (brief account), Human genome project Objectives and application.

Unit III Physiology

6 hours

Respiration – Structure of lungs, Inspiration and expiration; Blood: Blood Composition; Structure and function of heart, Electrocardiogram (ECG), Blood pressure, Blood urea; Structure of kidney, Nephron and Formation of urine.

Unit IV Embryology

6 hours

Structure of Human sperm and ovum - Menstrual cycle – Menopause – Pregnancy- Parturition–Twins.

Unit V Applied Biology

6 hours

Infertility, Sperm bank, IVF and types, Artificial insemination, Test tube baby, Birth control and Contraception.

Text Books

1. Arumugam, N. (2008) *Developmental Biology*, Saras Publications, Kottar –629002.
2. Arumugam, N., Maria Kuttikan (2013) *Animal Physiology*, Saras Publications, Kottar – 629002.

Reference Books

1. Ambika Shanmugam (2006) *Biochemistry*, 10, III Cross Street, West C. I. T. Nagar, Chennai – 600 035.
2. Balinsky, B.I. (2002) *An Introduction to Embryology*, W.B. Saunders Co. Philadelphia.
3. Gupta.P. K. (1999) *Genetics*, Rastogi Pub., Meerut, ISBN81–7133–413–X.

Course Title: Introduction to Physical Education - I Semester : 1
Course Code : 17UPEN11 Part : IV Contact Hours /Week : 2 Credit : 2

Objectives

To educate the History and Rules and regulations of Handball, Football, Volleyball, and Kabaddi.

Unit I **6 hours**

History and Development of Games – Organization of Games

Unit II **6 hours**

Handball – Measurements – Ground Marking – Major Rules of the Game

Unit III **6 hours**

Football – Measurements – Ground Marking – Major Rules of the Game

Unit IV **6 hours**

Volleyball – Measurements – Ground Marking – Major Rules of the Game

Unit V **6 hours**

Kabaddi – Measurements – Ground Marking – Major Rules of the Game

Text Book

1. National Council of YMCA, 2011, *Rules book of Games and Sports*, KK Jacob National Council of YMCA, New Delhi

Reference Books

1. American Sport Education Program, 2011, *Coaching Volleyball Technical & Tactical Skills* (Technical and Tactical Skills Series).
2. <http://www.kabaddiikf.com/history.htm>. Retrieved 2008-04-20, “*Origin, History and Development of Kabaddi*”. U.S. Soccer Federation, 2011, Official Rule Book of Soccer and Deep Publications,2002

SECOND SEMESTER

ghlj; jiyg;G: ,ilf;fhy ,yf;fpaKk; GjpdKk; gUtk; : 2
ghlf; FwpaPL : 17UTAL21 gFjp : I kzp Neuk;;/thuk; : 6 kjpg;gPl;L myF : 3

Nehf;fk;

jkpopy; cs;s gf;jp ,yf;fpa tifikfisAk; rpw;wpyf;fpa tifikfisAk; mwpKfk; nra;jy;> Gjpd ,yf;fpaq;fis khzth;fs; mwpe;Jnfhs;sr; nra;jy;> nrhy; ,yf;fz;jij czh;j;Jjy;

gad;;

.gf;jp rpw;wpyf;fpaq;fshy; fhzyhFk; ftpj;Jt;jijAk;> r%fNkk;ghl;Lf; fUj;Jf;fisAk; mwpe;Jnfhs;sr; nra;jy;> .Gjpd ,yf;fpaj;j mwpe;J nfhs;Sjy;> gilg;ghw;wy; jpwid tsh;j;jy;

\$W 1 gf;jp ,yf;fpaq;fs;

25 kzp Neuk;

jpUQhdrk;ge;jh; Njthuk; ekr;rpthaj; jpUg;gjpfk; (1 – 5 ghly;fs;) – jpUehTf;furh; Njthuk; jpUtpilkUJhh; gjpfk; (Njh;e;njLf;fg;gl;l 5 ghly;fs;) – Rejuh; Njthuk; jpUr;Nrhw;Wj;Jiw gjpfk; (1 - 5 ghly;fs;) – khzpf;fthrfh; jpUr;rhoy; (1- 5 ghly;fs;) – jpUkq;ifMo;thh; nghpajpUnkhop (1 – 5 ghly;fs;) – Mz;lhs; ehr;rpahh; jpUnkhop jpUkzf;fdT (1 - 5 ghly;fs;) – jpU%yh; jpUke;jpuk; (Njh;e;njLf;fg;gl;l 5 ghly;fs; jhAkhDth; guhguf;fz;zp (1 - 5 ghly;fs;) – rptthf;fpahh; rptthf;fpahh; ghly;fs; (Njh;e;njLf;fg;gl;l 5 ghly;fs;).

\$W 2 rpw;wpyf;fpaq;fs;

20 kzp Neuk;

jkpo;tpLJhJ gh.vz;. 35 - 44 tiu cs;s 10 ghly;fs; – fypq;fj;Jg;guzp fhLghbaJ (1 - 5 ghly;fs;) – jpUf;Fw;whyf; FwtQ;rp ehl;L tsk; \$Wjy; (1- 5 ghly;fs;) – Kf;flw; gs;S gs;spah; Vry; (gh.vz;. 162 -166 5 ghly;fs;) – kJiukPdhl;rpak;ik gps;isj; jkpo; tUifg; gUtk; (gh.vz;. 61>63 2 ghly;fs;).

\$W 3 GjpdK;

15 kzp Neuk;

R+h;afhe;jd; - G+h;tPfG+kp

\$W 4 ,yf;fzk;

15 kzp Neuk;

ehd;Ftifr; nrhw;fs; - Ntw;Wikfs; - njhifepiyj; njhlh; -njhfh epiyj; njhlh; - tpdhtpil tiffs;

\$W : 5 - ,yf;fpa tuyhWk; gad;ghl;Lj; jkpOk;

15 kzp Neuk;

gf;jp ,yf;fpa tuyhW – rpw;wpyf;fpatuyhW – Gjpdj;jpd; Njhw;wKk; tsh;r;rpAk; – fbjk; tiujy;

ghl E}y;

1. rhe;jpdp .fp (njh.M).> (2017)> “,ilf;fhy ,yf;fpaKk; GjpdKk;”> epA+ nrQ;Rhp Gf; `Tj; gpiuNtl; ypkpnll;> nrd;id.

ghh;it Ehy;fs;

1. fjph;KUF> (2007), “Kf;\$lw;gs;S”> rhujhgjpg;gfk;> nrd;id.

2. R+h;afhe;jd;> (2013), “G+h;tPfG+kp”> epA+nrQ;RhpGf; `Tj;> nrd;id.

3. f.jz;lghzp Njrpfh;> (2008), “ed;Dhy; tpUjjpAiu”> rhujhgjpg;gfk;> nrd;id.
4. eluhrd; gp.uh.> (2010), “jpUQhdrk;ge;jh; Rthkpfs; Njthuk”;> ckhgjpg;gfk;> GJjpy;yp

Course Title: English for Enrichment-II Semester: II
Course Code: 17UENL21 Part : II Contact Hours /Week : 6 Credit : 3

Objectives

To encourage and enable students to use language as a vehicle for thought, creativity, reflection, learning, self-expression, analysis and social interaction.

Unit- I Poetry 18 Hours

- | | |
|--------------------|--|
| 1. Rupert Brooke | - The Great Lover |
| 2. Robert Frost | - Stopping by Woods on a Snowy Evening |
| 3. Emily Dickinson | - Because I Couldn't Stop For Death |
| 4. Alice Walker | - Gift |

Unit-II –Prose 18 Hours

- | | |
|---------------------|---------------------------------|
| 1. Mark Twain | - Monday Morning |
| 2. Jawaharlal Nehru | - Our Universities |
| 3. G.B.Shaw | - How I Become A Public Speaker |
| 4. Khushwant Singh | - The Portrait of the Lady |

Unit-III One Act Play 18 Hours

- | | |
|------------------------|---------------------|
| 1. Rabindranath Tagore | - Chitra |
| 2. Saki | - The Death Trap |
| 3. Wole Soyinka | - The Strong Breed |
| 4. Ronald Gow | - Sheriff's Kitchen |

Unit IV Grammar 18 Hours

1. Tense
2. Voice
3. Degrees of Comparison
4. Question Tag

Unit-V Composition 18 Hours

1. Expansion of Proverb
2. Dialogue Writing
3. Note Making
4. Writing Soft and Hard News

Text Book

1. Remya, I.P. and N.Lakshmi Priya (Eds.).*English for Enrichment II*, Chennai: New Century Book House, 2018.

Reference Books

1. Green, David, *Contemporary English Structures and Composition*, Macmillan India Limited, Chennai: 2015.
2. Murphy, Raymond. *English Grammar in Use*. Cambridge: Cambridge University Press, 1985.
3. Nesfield, J.C. *English Grammar, Composition and Usage*, Macmillan, Chennai: . . . 2004.

Objectives

To provide historical background of the conquest of India by the Sultans and Mughals and to limelight the different facets of the History of Delhi Sultanate, Mughal Empire and Vijayanagar Empire in the history of Medieval India.

Unit I

18 Hours

The Arab conquest of Sind – causes and effects – Chaluykas , Rastrakudas and Vakatakas. Origin and Theories of Rajputs – Muhammed of Ghazni – Muhammed of Ghor – invasions – first and second battle of Tarain – importance.

Unit II

10 Hours

Delhi Sultanate – sources – Slave dynasty – Qutb-ud-din Aibak – Iltumish – Wars – Sultana Raziya – Balban – Reforms – Mangolian attack – effects – The Khaljis-Ala-ud-din and his conquests.

Unit III

12 Hours

The Thuglaks – Muhammed bin Thuglag – Reforms and conquests – Feroz Thuglag – wars – Administration – reforms – Sayyids and Lodis – art – architecture – downfall – Bhakti Movement.

Unit IV

17 Hours

Origin of Vijayanagar Kingdom – Sources – Krishnadevaraya's Achievements – Administration- The Rise and fall of the Bhamani Kingdom.

Unit V

18 Hours

The Mughal Empire – sources – India on the eve of Babur's invasion – First Battle of Panipat– conquests of Babur – administration- Humayun – wars – Sher Shah's conquests – Administration- Second Battle of Panipat

Maps

1. India under Ala-ud-din Khilji
2. India under Mohammed bin Thuglag
3. Kingdom of Krishna Devaraya
4. Sher Shah's Empire
5. India on the eve of Babur's invasion

Text Books

1. Sathianathaier R, *A Political and Cultural History of India* VoIII. (Medieval India), S.Viswanathan (Printers & Publishers) Pvt.Ltd, Madras, 1966
2. Mahajan V.D. - *History of Medieval India*, S.Chand Company, Delhi, 2011

Reference Books

1. Vincent A. Smith, *The Oxford History of India*, Atlantic Publishers & Distributors., 1999
2. Sharma L.P, *History of Medieval India*, Konark Publishers, 1987
3. Stanley Lanepoole, *Medieval India*, Babani Books, 1903
4. IrfanHabib, *Medieval India : The Study of a Civilization*, National Book Trust; , 2008

Objectives

To enable the students to gain an indepth knowledge about the contribution of the Cholas and Pandyas to Tamil polity and Culture and the emergence of Muslim and Vijayanagar rule in Tamilnadu.

Unit I **18 Hours**

The Imperial Cholas: Vijayalaya and his Wars – Parantaka – Sundara Chola – Raja Raja I – His Expeditions, administration- Contribution to art and architecture- Rajendra I- Expeditions – Gangai, Kadaram, Ceylon

Unit II **10 Hours**

Chola-Chalukya conflicts - Chola-Pandya conflicts – administration – Socio, Cultural, Economic and Religious conditions - Contribution to art, architecture and Literature – Bhakti Movement.

Unit III **12 Hours**

Second Pandya Empire – Sadayavarman Sundara Pandya – Maravarman Kulasekara Pandya – Expeditions – administration -socio-economic conditions.

Unit IV **17 Hours**

Malik-Kafur – Muslim invasion in Tamil Country – Its impact - Madurai Sultanate - Government under the Sultans of Madurai.

Unit V **18 Hours**

Emergence of Vijayanagar Kingdom – Invasion of Kumara Kampana – Impact of Vijayanagar rule in Tamilnadu – Valangai and Idangai issue – administrative system of Vijayanagar Kingdom.

Text Books

1. Subramanian .N., *History of Tamilnadu* ,Vol I & II , Koodal Publications, Madurai , 1924
2. Rajayyan.K., *History of Tamiladu*, Past to Present , Ratna Publications, Madurai, 1995

Reference Books

1. Krishnasamy AiyangarS., *Beginnings of South Indian History*, Modern Printing Works, Madras, 1918
2. Sadasiva Pandaratar, *History of the Later Cholas*, Annamalai University, 1974
3. Pillai Dr. K.K., *jkpoftuyhW - kf;fSk; gz;ghLk*, Mukil Publishing and Solution PvtLtd
4. Kanaka Sabhai V., *The Tamil Eighteen Years Ago*, SaivaSidanta Publishing Society, Tirunelvelly, 1956
5. Raju Kalidos, *History and Culture of the Tamils*, VijayPublications,1976
6. Mahalingam. T.V., *Administration and Social Life under Vijayanagar*, Madras University. , 1968-75
7. Krishnasamy A., *The Tamil Country under Vijayanagar*, Annamalai University, 1964.

Objectives

To enable the students to acquire basic knowledge in Economics and to understand various Economic problem and solutions.

Unit I THEORY OF DISTRIBUTION 20 Hours

Meaning and methods of computation of National income – Difficulties – Uses – Rent – meaning – theories of rent – wages – real wage and money wage – theories of Wages – Interest – gross and net interest – theories of interest – liquidity trap – Profit and Theories of Profit.

Unit II MONEY AND BANKING 20 Hours

Definition and Functions of money – Quantity theory of money –Transaction Approach – Cambridge version – Role of money in capitalist and Socialist economies – Commercial banks – Function – Role of Commercial banks in economic development – Central Bank – functions – Role in economic development.

Unit III INTERNATIONAL TRADE 18 Hours

Difference between internal and international trade – Theories of International Trade – Absolute cost – Comparative cost – Balance of payment – disequilibrium – measures for correcting disequilibrium in balance of payments – Purchasing power parity theory – Difference between Free Trade and Protection – Arguments for and against. -

Unit IV INFLATION & TRADE CYCLE 16 Hours

Meaning and kinds of inflation – deflation – stagflation – control of inflation – Economic and social factors – measures to correct inflation – trade cycle – components.

Unit V PUBLIC REVENUE & PUBLIC EXPENDITURE 16 Hours

Cannon of taxation – direct tax and indirect tax – sources of public revenue –Suggestions for increasing public revenue – causes for the growth of public expenditure in India – features and preparation of budget – public debt and methods of redemption.

Text Books

1. Fedric G.W. & Balasubramanian, N.S (1989), *Principles of Economics*, Sudha Publications, New Delhi.
2. Gurusamy, M. P. (1998), *General Economics*, Guru Thenmozhi Press, Sathankulam.
3. Srinivasan, N. (2008), *General Economics*, Sri Meenakshi pathipagam, Madurai.

Reference books

1. Sankaran, S. (2003), *Economic Analysis*, Margham Publishers, Chennai.
2. Seth, M.L. (1992), *Principles of Economics*, S Chand & Co., New Delhi.
3. Sundaram, K.P.M (1995), *Money, Banking, Trade & Finance*, Sultan Chand & Sons., New Delhi.

Course Title: English for Better Life-II Semester: II
Course Code: 17UENN21 Part: IV Contact Hours /Week: 2 Credit: 2

Objectives

To make the students meet the challenges in the competitive professional world and make them fix themselves in jobs

Unit I **6 Hours**

Writing application for a job
Preparing a Curriculum Vitae or a Resume

Unit II **6 Hours**

Group Discussion
Job interview

Unit III **6 Hours**

Business correspondence

Unit IV **6 Hours**

Preparing the minutes of a meeting
Presenting Data in verbal and Non- verbal modes

Unit V **6 Hours**

Body Language
Etiquettes
Stress Management

Text Book

1. Anushya, K. *English for Better Life I* (For Private Circulation)

Reference Books

1. Green, David. *Contemporary English Grammar Structures and Composition*. Macmillan India Ltd, Chennai. 2015.
2. Saraswathi, V and Maya K Mudbhatkal. *English for Competitive Examination*. Chennai :Emerald Publishers, 2000.
3. Straus, Jane. *The Blue Book of Grammar and Punctuation*. New York: Wiley, 2014.

Objectives

To enable the students to know the fundamentals of advertising and salesmanship and to gain an insight on the nature of advertising and salesmanship

Unit I **6 Hours**

Meaning of advertising – Characteristic Features of Advertising – Nature and Scope of Advertising – Benefits or Advantages of Advertising – Criticisms of Advertising – Is Advertising an Economic Waste? – Difference between Advertising and Salesmanship.

Unit II **6 Hours**

Advertising Media – Indoor and Outdoor Advertising – Advertising agency – Role – Importance.

Unit III **6 Hours**

Personal Selling – Definition – Salesmanship – Definition – Features – Objectives – Benefits – Criticisms against Salesmanship.

Unit IV **6 Hours**

Qualities of a successful salesman; Physical, Mental, Social and Moral Qualities – Other Requisites of a Salesman .

Unit V **6 Hours**

Recruitment of Salesman – Sources – Remuneration of Salesman – Methods.

Text Book

1. Inbalakshmi, M,(2014) “*Advertising and Salesmanship*”, Kalyani Publishers, Ludhiana, 2014.

Reference Books

1. Gupta, C.B, (2014) “*Advertising and Personal Selling*”, Sultan Chand & Sons, New Delhi.
2. Chunawalla, S.A., Sethis, K.C., (2017), “*Foundation of Advertising- Theory and Practice*”, Himalaya Publishing House, New Delhi.
3. Ken Kaser, (2013), “*Advertising and Sales Promotion*”, South-Western Cencgag Learning.

Course Title: Fundamentals of Mathematics - II Semester : 2
Course Code : 17UMAN21 Part : IV-NME Contact Hours /Week : 2 Credit : 2

Objectives

The aim of this course is to enable the student to acquire basic tools in statistical methods for solving real life problems in business, industry, agriculture and medicine. This course includes measure of central tendency, dispersion, correlation, method of least square and curve fitting.

Unit I **6 Hours**

Statistics – Averages – Mean and Median

Unit II **6 Hours**

Dispersion – Range, Quartile deviation, Standard deviation

Unit III **6 Hours**

Correlation – Pearson’s coefficient of correlation, rank correlation coefficient.

Unit IV **6 Hours**

Index numbers – Calculation of indices using simple aggregate method and average of price relative methods – Weighted index numbers – Laspeyre’s, paasche’s and Fisher’s index numbers.

Unit V **6 Hours**

Curve fitting – Fitting of a straight line and parabola.

Text Book

1. Arumugam.S, (2009), *Statistics*, New Gamma Publishing House, Palayamkottai.

Reference Books

1. Saxena.H.C, Kapur.J.N, (2009), *Mathematical Statistics*, S.Chand & Company Ltd, NewDelhi.
2. Pillai.R.S.N, Bagavathi.V, (2008), *Statistics*, S.Chand & Company Ltd, New Delhi.
3. Vittal.P.R., (2013), *Business Mathematics and Statistics*, Margham Publications, Chennai.

Course Title: Basic Physics – II Semester : 2
Course Code : 17UPHN21 Part : IV-NME Contact Hours /Week : 2 Credit : 2

Objectives

To enable the learners to understand the definition of electric current, Ohm's law and Kirchoff's laws, Combination of resistances, different types of cells and Working principle of D.C generator, alternating current, its generation by various power stations and working principle of A.C generator, measurement of electric power by Wattmeter , Induction coil , Wattless current , Power factor, simple electrical circuits , Relationship between e.m.f and current in each case , Diode and Bridge Rectifier

Unit I 6 Hours

Electric current - Voltage and resistance - Ohm's law and Kirchoff's law - Resistance in series and parallel

Unit II 6 Hours

D.C source - Primary cells - Leclanche and Daniel Cell - Secondary Cells - Lead Acid Accumulator - D.C generator.

Unit III 6 Hours

Alternating current generating by hydro, thermal and atomic power stations - R.M.S value - Peak value - (Quantitative) - A.C. generator (No derivation) .

Unit IV 6 Hours

Measurement of electric power by Wattmeter - Simple calculations - Induction coil - Wattless current - Power factor.

Unit V 6 Hours

Simple electrical circuits - Resistors, Capacitors and Inductors connected to a.c source (independently) - Relationship between e.m.f and current in each case - Diode - Bridge Rectifier.

Text Book

1. Murugesan.R.,(2004),*Electricity and Magnetism*,S.Chand and Co.Pvt Ltd.

Reference Books

1. Brijlal and Subramaniyam.N.(2008),*Heat and Thermodynamics*, S.Chand and Co.Pvt Ltd.
- 2.Gupta.S.L.and Kumar.,(1973),*Hand Book of Electronics*,Pragathi Prakash Publications.
- 3.Malvino.,(1995),*Electronic Principles*,Tata Mcgraw hill Ed.

Course Title: Drugs And Cosmetics Semester : 2
Course Code : 17UCHN21 Part : IV-NME Contact Hours /Week : 2 Credit : 2

Objectives

To study the chemical principles, importance and applications of Drugs and Cosmetics.

Unit I **6 Hours**

Importance of Drugs: Important terminologies, their meaning – Bacteria, virus, fungi, Names of drugs.

Unit II **6 Hours**

Antibiotics: Definition – uses of Antibiotics. Ampicillin, streptomycin, tetracycline, Rifomycin, Erythromycin, drug actions and side effects.

Unit III **6 Hours**

Antipyretics and Analgesics: Antipyretics, Analgesics, and anti-inflammatory agents sulphonamide – Drug actions – uses of sulpha drugs, pain balm

Unit IV **6 Hours**

Preparation of domestically useful products: Preparation of Washing Powder, Cleaning Powder, Phenoyls (White, Black, Yellow, Rose coloured phenoyls), liquid blue, soap oils

Unit V **6 Hours**

Cosmetics: Preparation of shampoo, Face powder, Soap -Manufacturing of soap (Kettle process and Hydrolyser process)

Text Books

1. B.K. Sharma, 2016, *Industrial Chemistry (Including Chemical Engineering)* Goel Publishing House, 16th Revised and Enlarged Edition.
2. Jayashree Ghosh, 2010, *A Text book of Pharmaceutical Chemistry*, S. Chand & company Ltd, New Delhi.
3. Dr.S. Lakshmi, 2004, *A Textbook of Pharmaceutical Chemistry*, S.Chand & company Ltd, New Delhi. by Narendra Publishing House.

Reference Books

1. B.K.Sharma (2016), *Industrial Chemistry (Including Chemical Engineering)*, Sharma Goel Publishing House, Sixteenth revised and enlarged Edition
2. Arun Bahl, B.S.Bahl (2008), *Advance Organic Chemistry*, S.Chand & Company New Delhi.
3. Jain P.C. (1976), *Engineering Chemistry*, Dhanpat Rai Publishing Company (P) Ltd.,

Objectives

To provide a comprehensive knowledge in various thrust areas to start profitable business and to develop a dynamic and successful entrepreneur skill which includes animal husbandry, poultry, aquaculture, apiculture and sericulture techniques.

Unit I Animal Husbandry & Dairy technology 6 hours

Animal Husbandry: Introduction – Breeds of Cattle – cow and diseases – Mastitis, foot and mouth diseases – Dairy technology: Introduction – Scope of dairy farming, Pasteurization of milk, Standard composition of milk, food and nutritive value, grading of milk- Lactometer and dairy products.(Yohort, Cheese).

Unit II Poultry farming 6 hours

Indian and Exotic breeds, construction of poultry house, Equipments - Brooder, Waterer and feeder - Rearing of broiler, layers and nutritive value of eggs - Lighting, Summer and winter management.

Unit III Aquaculture 6 hours

Marine and freshwater fishes - Biological value of fish and Economy of ornamental fishes - Commercial values of shell fish, prawn, edible oyster, pearls, crab.

Unit IV Apiculture and Lac culture 6 hours

Apiculture: Bees – queen, drones, worker, royal jelly, life history, hive types and nutritional value of Honey - Lac culture: Lac insect – host plant, collection and processing Lac –types– uses.

Unit V Sericulture 6 hours

Mulberry sericulture: Silk Industry in India, Mulberry cultivation, Life history of *Bombyx mori*. Seed production, rearing appliances, rearing of silk worm, Silk reeling, reeling appliances and Commercial value of silk - Non mulberry sericulture: Tasar, Muga, Erisilk and commercial value.

Text Book

1. Jayasurya R., Arumugam N, Leelavathy S., Soundara Pandian N., Murugan T., Thangamani A., Prasannakumar S., Narayanan L.M., Johnson Rajeshwar J., Nair N.C. (2013) *Economic Zoology*, Saras Publication, Nagercoil.

Reference Books

1. Ganga G., Sulochana chetty (1977) *J. An Introduction of Sericulture*. Oxford, New Delhi.
2. Gnanamani R. (2003) *Modern aspects of commercial poultry keeping*, Giri Pub, Madurai.
3. Gupta C. B., Srinivasan N. P. (1997) *Entrepreneurship development in India*, Sultan Chand and Sons, Educational Publishers, New Delhi.

Course Title: Introduction to Physical Education- II Semester : 2
Course Code : 17UPEN21 Part : IV-NME Contact Hours /Week : 2 Credit : 2

Objectives

To educate the History and Rules and regulations of Basketball, Hockey, Cricket, and Kho-Kho.

Unit I **6 Hours**

History and Development of Games – Organization of Games

Unit II **6 Hours**

Basketball – Measurements – Ground Marking – Major Rules of the Game

Unit III **6 Hours**

Hockey – Measurements – Ground Marking – Major Rules of the Game

Unit IV **6 Hours**

Cricket – Measurements – Ground Marking – Major Rules of the Game

Unit V **6 Hours**

Kho - Kho – Measurements – Ground Marking – Major Rules of the Game

Text Book

1. National Council of YMCA, 2011, *Rules book of Games and Sports*, KK Jacob National Council of YMCA, New Delhi

Reference Books

1. Gale Reference, 2006, Team Coaches corner.(Basketball competitions): An article from: Coach and Athletic Director.
2. "Tripura KHO-KHO Association, 2011 @ Tripura4u". <http://www.kho-kho.tripurasports.com/>.
3. Ralph Dellor, 2010 "*Cricket Steps to Success*" Human Kinetics Publication.
4. Elizabeth Anders with Sue Myers, 2008, 2nd Ed "*Field Hockey steps to Success*". USA.

THIRD SEMESTER

ghlj; jiyg;G: fhg;gpa ,yf;fpaKk; ehlfKk; ; gUtk; : 3
ghlf; FwpaPL : 17UTAL31 gFjp : I kzp Neuk;/thuk; : 6 kjpg;gPl;L myF : 3

Nehf;fk;

jkpopy; cs;s fhg;gpaq;fspd; rpwg;Gf;fis vLj;Jiu;jjy; - ehlf;fiyia khzth;fSf;F czh;j;Jjy; - ahg;G> mzp ,yf;fzq;fis khzth;fs; mwpAk;gbr; nra;jy;.

gad;

khzth;fspk; jk; jha; nkhopahd jkpo; nkhopapd; ,yf;fpak; ,yf;fzj; jpwid Nkk;ghL milar; nra;jy; - ehlf;g; gilg;ghf;fg; gapw;rpia cUthf;Fjy; -fhg;gpaq;fspd; cs;shh;ej fUj;Jf;fis mwpe;J nfhs;Sjy;.

\$W 1 fhg;gpaq;fs;

30 kzp Neuk;

ropyg;gjpfhuk; tof;Fiu fhij (KOTJk;) – kzpNkfiy Mjpiu gpr;irapl;l fhij (KOTJk;) - fk;guhkhazk; thyp tijg;glyk; (gh.vz;-322-365 tiu cs;s 44 ghly;fs;) - nghpaGuhzk; mg;G+jpabfs; ehadhh; Guhzk; (KOTJk;)

\$W 2 jw;fhy fhg;gpaq;fs;

15 kzp Neuk;

,NaRfhtpak; kiyg;nghopT (10 ghly;fs;) - egpfs;ehaff; fhtpak; kjPdhf;fhz;lk; (11 ghly;fs;)

\$W 3 ehlfk;

15 kzp Neuk;

,uhkRthkp K.> nusjjpuk; goF – NrJgjp itifapy; nts;sk; tUk; - NrJgjp nksdj;ppd; Funyh;W - NrJgjp md;gpd; nka; - rptf;fz;zd; FUNrj;jpuq;fs; Xa;tjpy;iy.

\$W 4 ,yf;fzk;

15 kzp Neuk;

gh tiffs; ntz;gh> Mrphpag;gh> tQ;rpq;gh> fypg;gh – mzpfs; ctik cUtk;- jw;Fwpg;Ngw;wk;- Ntw;Wik- gpwpJnkhopjy;- tQ;rg;Gfo;r;rp- rpNyil

\$W 5 ,yf;fpa tuyhWk;> gad;ghl;Lj; jkpOk;

15 kzp Neuk;

Ik;ngUq;fhg;gpaq;fs; – IQ;rpWfhg;gpaq;fs; – ehlf;jjpd; Njhw;wKk; tsh;r;rpAk; – ehlf;jjpd; tiffs; – ehlfk; gil;jjy;.

ghl E}y;

1. khrpyhNjtp .r., (njh.M.)> (2018)> “fhg;gpa ,yf;fpaKk; ehlfKk;”> epA+ nrQ;Rhp Gf; `T] gpiuNtl; ypkpnll;> nrd;id.

ghh;it E}y;fs;

- 1) ,uhkRthkp.K.> (2015), “nusjjpuk; goF”> epA+ nrQ;Rhp Gf; `T];> nrd;id
- 2) rptf;fz;zd;.m.> (2007), “MW ehlfq;fs”> ghit gg;spNfWd;];> nrd;id
- 3) Rg;gpukzpa Njrpfh;.c.M., (1996)> “jz;bayq;fhuk; fof ntspaPL”> jpUney;Ntyp
- 4) NrJgjp, (2007)> “itifapy; nts;sk; tUk;”> ghit gg;spNfWd;];> nrd;id

- 5) tujuhrd;.K.> (2007), “jkpo; ,yf;fpa tuyhW”> rhfpj;a mfhjpk> GJnly;yp
- 6) Ntq;flrhkpehl;lhh; e.K., (2006)>(c.M)> “ahg;ngUq;fyf;fhhpif”> rhujh gjpg;gfk;>nrd;id.

Course Title: English for Enrichment- III Semester: III
Course Code : 17UENL31 Part : II Contact Hours /Week : 6 Credit : 3

Objectives

To make the students foster their basic skills and promote literary understanding.

Unit I – Romantic Plays 18 Hours

1. As you like it : Cartons of love Act IV – Scene I
2. Merchant of Venice : Trial for a pound of flesh Act IV – Scene I

Unit II - Roman Plays 18 Hours

1. Antony and Cleopatra : Terrifying moments of Titanic Love Act V- Scene II
2. Julius Caesar : Funeral oration Act III -Scene II & III

Unit III – Tragedy plays 18 Hours

1. Macbeth : He kills sleep Act I- Scene VII & Act II -Scene II
2. Othello : When the moor kills so good a wife: ActV -Scene II

Unit IV – Grammar 18 Hours

1. Sentence Improvement
2. Sentence Arrangement
3. Sentence Completion

Unit V – Composition 18 Hours

1. E-Mail & Fax
2. Filling a bank challan
3. Attending Interview

Text book

1. Moorthy.N and V.Amardeep ((Eds.). *English for Enrichment III*. Chennai: New Century Book House, 2018.

Reference Books

1. Green, David, *Contemporary English Structures and Composition*. Macmillan, Chennai:2015.
2. Nesfield, J.C. *English Grammar, Composition and Usage*. Macmillan, Chennai: 2004.
3. Radhakrishnan Pillai, G .*Emerald English Grammar and Composition*. Chennai: Emerald Publication, 1990.

Objectives

To bring to limelight the different facets of the history of Mughal Empire, 1857 Revolt and to provide historical background of the conquests by the European powers and to enable the students to understand the achievements and reforms of British Governor Generals.

Unit I 10 Hours

Akbar the Great – Conquests — Religious Policy – Din-i-Ilahi - Jahangir –Noorjahan – Shah Jahan – Golden Age of Mughals – Wars of Succession.

Unit II 18 Hours

Aurangazeb – Conquests – Deccan Policy – Religious Policy – Relationship With Sivaji – Downfall of the Mughals – Mughal Administration –Socio- economic and cultural conditions under the Mughals- Marathas – Sivaji – Achievements –Administration of Sivaji – Peshwas –Third Battle of Panipat.

Unit III 18 Hours

The Advent of Europeans – Portuguese, Dutch, English and the French – Anglo-French rivalry in the Carnatic – Clive – Administration – Warren Hastings – Reforms – Impeachment – Lord Cornwallis – Reforms –Permanent Land Revenue Settlement.

Unit IV 17 Hours

Lord Wellesly – The Subsidiary System – Conquests – Lord William Bentinck – Reforms- Career and achievements of Ranjit Singh- Anglo-Sikh Wars – Lord Dalhousie – reforms – policy of annexations – Doctrine of Lapse.

Unit V 12 Hours

The rising of 1857 – Causes – Course and Results – India under the Crown – Lord Canning – Lord Ripon – reforms – Lord Curzon – Policies and Administration.

Maps

1. Akbar's Empire
2. India under Aurangazeb
3. Sivaji's Empire
4. European Settlements
5. India under Wellesley
6. India under Dalhousie

Text Books

1. Majumdar R.C., Ray Chaudhuri H.C.& Kalkinkar Datta, *Advanced History of India*, Machmillan India, New Delhi , 2016
2. Mahajan V.D., *India since 1526*, S.Chand , Shivalal Agarwal & Co (pvt) Ltd, Agra, , 1959

Reference Books

1. Vincent A.Smith, *The Oxford History of India*, Oxford University Press,1919
2. Grover B.L, *A New Look on Modern Indian History*, S.Chand , Revised Edition, New Delhi . , 2016
3. Roy Choudry S.C., *History of Medieval India from 1000 to 1707*, Surjeet Publications, New Delhi , 2003
4. Stanely Lanepoole, *History of the Mughal Emperors*, Haskell Publishers, 1982

Objectives

To enable the students to gain an indepth knowledge about the Nayaks rule in Tamilnadu and the role played by the poligars in early movements of freedom struggle

Unit I **10 Hours**

Introduction of the Nayankara system - Nayaks of Madurai – Viswanatha Nayak – Tirumalai Nayak – Chokkanatha Nayak – Rani Mangammal – Meenakshi – The decline of the Nayakdom of Madurai - Poligari System – Administration.

Unit II **18 Hours**

Nayaks of Senji - Krishnappa Nayak II – The Nayaks of Tanjore – Sevappa Nayak – Achuthappa Nayak – Regunatha Nayak – Vijayaragunatha Nayak – Decline of the Nayakdoms of Senji and Tanjore – Socio - economic, cultural and religious conditions under the Nayaks - The Marathas of the Tamil Country – Administration and Culture under the Maratha rule.

Unit III **18 Hours**

The Marava Country and rise of the Sethupatis – Sethupatis of Ramnad – Rangunatha Sethupati I – Rangunatha Sethupati II (KilavanSethupati) - Administration – Society – Economy – Religion and Culture.

Unit IV **17 Hours**

The Carnatic Wars – The Nawab of Arcot – Sadullah Khan – Dost Ali- Anwaruddin– Mohammed Ali – Administration – Society– Economy - Religion – Culture.

Unit V **12 Hours**

The Rebellions of the Poligars – Khan Sahib and Puli Thevar – Veera Pandya Kattabomman – Society – Economy – Religion.

Text Books

1. Rajayyan K., *History of Tamilnadu* (1565 – 1982), Raj Publishers, Madurai, 1982
2. Subramanian N., *History of Tamilnadu*, Vol.II, Koodal Publications, Madurai, 1923

Reference Books

1. Sathianathair R., *History of the Nayaks of Madurai*, Humphrey Md Ford, Oxford University Press , 1941
2. Rajayyan K., *History of Madurai* (1736 – 1801), Madurai University , 1974
3. Rajayyan K., *South Indian Rebellion- The First War of Independence* Rao and Raghavas, Mysore, 1971
4. Raju Kalidoss, *History and Culture of the Tamils* , Vijay Publications, 1976

Course Title: Modern Governments – I Semester : 3
Course Code : 17UHIA31 Part : III-Allied Contact Hours /Week : 6 Credit :4

Objectives

To impart knowledge about the features of the theories of politics, constitutions, different forms of state and polity and to make the students aware of features of the constitution of England and U.S.A.

Unit I 20 Hours

Basic Concepts: State and its Elements – Constitution – Classification of Constitutions: Written and Unwritten – Rigid and Flexible – Forms of Governments: Unitary – Federal – Quasi-federal – Executive: Presidential – Parliamentary – Quasi-Presidential – Collegiate – Theory of Separation of Powers.

Unit II 20 Hours

Basic Concepts: Legislature: Bicameral and Unicameral – Rule of Law, Administrative Law – Judicial Review – Party System: One party, Bi-party and Multiparty Systems – Pressure groups – Lobbying.

Unit III 15 Hours

Constitution of United Kingdom: Development of the Constitution – Salient Features – The Queen: Powers – Position – Utility of Monarchy. The Prime Minister: Powers – Functions – Position. Cabinet: Formation – Powers – Functions – Cabinet Dictatorship. Parliament: House of Commons – Speaker – House of Lords. Law Making Process – Committee System – Rule of Law – Political Parties – Pressure groups – Lobbying.

Unit IV 15 Hours

Constitution of U.S.A: Development of the Constitution - Salient Features – Federalism – Procedure of Amendment – The President: Election-Powers and Functions-Position – Vice President: Powers and Position.

Unit V 20 Hours

The Congress: House of Representatives – Senate – Pre-eminence of Senate – Law Making Process – Committee System – Judicial Review – Checks and Balances – Political Parties – Pressure groups – Lobbying.

Text Books

1. Vishnoo Bhagwan & Vidya Bhusan, - *World Constitutions*, Sterling Pub., New Delhi, 1995
2. Gomathinayagam P., *Modern Governments*, (A Comparative Study) Tensy Publication, Sivakasi, 2010

Reference Books

1. Kapoor A.C., *Principles of Political Science* , S.Chand Company, New Delhi , 1967
2. Jeyapalan N., *Modern Governments*, Atlantic Publishers, New Delhi , 1999
3. Kapoor A.C. & Misra K.K, *Select Constitutions*, S.Chand Company Ltd, . , 2014
4. Palekar S.A, *Comparative Politics and Government*, Prentice Hall India Learning (PVT) Ltd , New Delhi ., 2008

Course Title: Panchayat Raj and Rural Development Semester : 3
Course Code : 17UHIS31 Part : III-Skill Based Contact Hours /Week : 6 Credit :4

Objectives

To enable the Students to gain an in depth knowledge about Panchayat Raj and Rural Development and to impart knowledge about the Village and District Administrative systems and various Government Schemes for the welfare of rural people.

Unit I **15 Hours**

Evolution of Panchayat Raj – Gandhian Ideas and Grama Rajya –Balvanthray Mehta Committee – Ashok Mehta Committee –Panchayat Raj under Rajiv Gandhi Period – Singhvi Committee.

Unit II **20 Hours**

Narasimha Rao and Panchayat Raj 73rd Amendment – Article 243 on Panchayat Raj –Village Panchayat – Panchayat Union – Zilla Parishad.Development in Panchayat Raj System in Tamilnadu – District Panchayat – Panchayat Finance.

Unit III **25 Hours**

Rural Society and growth of Village Communities – I R D P – D R D A – Government Integrated Rural Development Programmes: Sampoorna Grameen Rozgar Yojana -Employment Assurance Schemes – N R E P – R L E G P – J R Y – S F D A – D P A P – T R Y S E M – Pradhan Mantri Gram Sadak Yojana – Pradhan Mantri Gramodhaya Yojana (PMGY) – Pradhan Mantri Annapoorna Yojana – Rural Drinking Water Programme – Centrally Sponsored Rural Sanitation Programme – Rural Health and Family Welfare –Mass Media of Communication. Rural Housing Programmes: Indra Awaas Yojana – Samaga Awas Yojana – Innovative Schemes to Rural Housing and Habitat Development.

Unit IV **20 Hours**

Rural Industries – Small Scale Cottage and Agro Based Industries – Dairying –Poultry – Piggery – Bee Keeping – Sericulture – Mushroom Culture - Inland Fisheries – Bio-gas Plant – Soap Making – Course Making.

Unit V **10 Hours**

Commercial Agriculture – Fruits and Vegetables Preservation – Seed Production Technology – Nurseries – Horticulture – Orchard Cultivation.

Text Books

1. Chaturvedi T.N. & Jain R.B., *Panchayat Raj*, Published by Indian Institute of Public Administration , 1981
2. Shriram Maheswari, *Rural Development in India* , Sage Publications, New Delhi, 1985

Reference Books

1. Aslam M, *Panchayat Raj in India* , National Book Trust , New Delhi ., 2007
2. PadmanabanV, *A Grammar for Rural Development*,Khadi Friends Forum,Madurai., 1996
3. Palanidurai G. (ed.), *Dynamics of New Panchayat Raj System in India* , 2005
4. Paul Choudhry, *Profile of Social Welfare and Development in India* , 1995, New Delhi
5. Paul Leoxy Vogt, *An Introduction to Rural Sociology*, Forgotten Books, 2017
6. Sudhkar V., *New Panchayat Raj System: Local Government and Community Development*, Mangal Deep Publications, Jaipur. , 2002

Self Study Paper - I

Course Title: Armed Forces and National Integration

Semester: 3

Course Code: 17UNCV31

Part: V

Contact Hours /Week: 4

Credit: 2

Unit 1: Organization of NCC & Armed forces:

Aims and objectives of NCC, Organization, Training and NCC song – Basic organization of Armed Forces – organization of Army – organization of infantry battalion - Badges and ranks – Task and role of fighting arms – task and role of supporting arms & services – modes of entry into army – honour and awards – concept of integrated defence staff

Unit 2: Military History :

Biographies of renowned Generals (Cariappa/Sam Manekshaw) – Indian Army war heroes – PVCs – Study of Battles of Indo Pak war 1965, 1971 & Kargil

Unit 3: National integration & Awareness

Religions, culture, traditions and customs of India – National integration – importance and necessity – Freedom struggle and Nationalistic movement in India – National interests, objectives, threats and opportunities – Problems/challenges of National integration – Unity in Diversity – National integration council – images/slogans for national integration – Contribution of youth in Nation building .

Unit 4: Health, Hygiene and First Aid:

Structure and functioning of human body – hygiene & sanitation (personal & food hygiene) – physical & mental health – infectious & contagious diseases & its prevention – basics of home nursing & first aid in common medical emergencies – wounds & fractures – introduction to yoga & exercises

Unit 5: Environmental Conservation:

Natural resources – water conservation & rain water harvesting – waste management – pollution control: Water, air, noise, soil – energy conservation – wild life conservation projects in India

Note: Necessary demonstration and practical training will be dealt during parade hours.

Reference Books

1. National Cadet corps standing Instructions Volume I & II, DG NCC, Minister of Defence, Shri Sai Enterprises, New Delhi, 2017.
2. NCC Guide, Major R. Ramasamy, Priya Publication, Karur – 2.
3. A Key to Success, Lt. Col. PS Prasad, Kerala, 2008.
4. ANO Handbook, www.nccindia.nic.in.
5. Cadets Handbook Common Subjects SD/SW.

FOURTH SEMESTER

ghlj; jiyg;G: goe;jkp;o; ,yf;fpaKk; ciueilAk; ; ; gUtk; : 4
ghlf; FwpaPL : 17UTAL41 gFjp : I kzp Neuk;/thuk; : 6 kjpg;gPl;L myF : 3

Nehf;fk;

goikf;Fg; goikaha; GJikf;Fg; GJikaha; ,d;wsTk; nrk;khe;J epw;Fk; rq;f ,yf;fpaj;ij mwpKfk;
nra;jy;> jkpo; nkhopapd; rpwg;Gf;fis czh;j;Jk; ,yf;fpaf; fl;Liufis vLj;Jiujjy;> goe;jkpo; kf;fspd;
tho;f;ifg; ngl;lfkhd nghUs; ,yf;fzj;ijczh;j;Jy;.

gad;

nrt;tpay; nkhopahd jkpo;nkhopapd; njhd;ikapid mwpe;J nfhs;Sjy;> ePjp
,yf;fpaq;fspd; top khzth;fSf;F mwf;fUj;Jf;fis czh;j;Jy;> rq;ffhy kf;fspd; tho;f;if Vw;wq;fSk;>
cahpa gz;ghLfSk;> md;gpd; mbg;gilapy; mike;j kdpj cwTnewpKiwfspd; topAk; khzth;fSf;Fg;
goe;jkpo; gz;ghl;bd; Nkd;ikia czur;nra;jy;> gilg;ghw;wy; jpwid tsh;jjy;

\$W 1

30 kzp Neuk;

FwpQ;rpg;ghl;L KOTJk; – ew;wpiz Ky;iyjjpizg; ghly;fs; (gh.vz. 21> 89> 99> 139>
364) – FWE;njhif kUjj;jpizg; ghly;fs; (gh.vz. 8> 31> 46> 61> 113) lq;FWE}W jha;f;F ciujj;
gj;J (nea;jy;) mk;%tdhh; – fypj;njhif ghiyf;fyp (gh.vz. 9> 11) - mfehD}W (gh.vz. 8>122)
- GwehD}W (gh.vz. 8> 86> 182> 192> 312)

\$W 2

15 kzp Neuk;

jpUf;Fws; xg;GwT mwpjy; (mwj;Jg;ghy;) – ehybahh; <if (mwj;Jg;ghy;) – gonkhop
ehD}W – fy;tp .

\$W 3 ciueil (fl;Liu; njhFg;G)

15 kzp Neuk;

gj;kgphpah .kh rq;f ,yf;fpaq;fspy; Rw;Wr;#oy; ghJfhg;G – Kj;ijah .M jkpo;ehl;Lf; fhis
tpisah;Lk; Nky;ehl;Lf; fhisg; NghUk; – Kj;Jf;fpUl;bd ehl;lhh; rp. mwnewp toq;fpa mwpQh;
tpj;Jthd; jkpo; – jpyftjp. ,yf;fpaj;ppy; ngz; – =jud; vd;. mwpT mw;wq; fhf;Fk; fUtp –
Kj;Jyl;Rkp tP. ,yf;fpaKk; \$j;Jk;.

\$W 4 ,yf;fzk;

15 kzp Neuk;

mfg;nghUs; mfj;jpizfs; - Gwg;nghUs; Gwj;jpizfs;

\$W 5 ,yf;fpa tuyhWk;> gad;ghl;Lj; jkpOk;

15 kzp Neuk; ,yf;fpa

tuyhW vl;Lj;njhif -gj;Jg;ghl;L - gjpndd;fPo;fzf;F E}y;fs; - gad;ghl;Lj; jkpo; - nghJf;fl;Liu
vO}tjw;Fg; gapw;rp mspj;jy;.

ghl E}y;

1. ftpjh.t.P (njh.M.)> (2018)> “goe;jkpo; ,yf;fpaKk; ciueilAk”;> epA+ nrQ;Rhp Gf; `TJ;
(gp) ypl;.> nrd;id.

ghh;it E}y;fs;

1. milf;fyrhkp .vk;kh; > (2011) > “jkpo; ,yf;fpa tuyhW> uhrp gjpg;gfk”; > nrd;id-73.
2. Nfhtpe;juhr Kjypahh;.fh.u., (c.M). > (1966) > “ek;gpafg;ngHUs;” > jpUney;Ntypj; njd;dpe;jpa irtrpj;jhe;j E}w;gjpg;Gf;fofk; ypkpnll; > jpUney;Ntyp-6.
3. nfskhhP];thp.v];,, (njh.M). > (2017) > “gjpndz; fPo;fzf;F E}y;fs; %yKk; KiwAk”; > rhujh gjpg;gfk; > [p-4> rhe;jp mLf;ffk; > 3 = fpUW;zhGuk; njU> uhag;Ngl;il > nrd;id-14.
4. rhkpehja;ah;.c.Nt., (njh.M). > (1986) > “gj;Jg;ghl;L %yKk; er;rpdh;f;;f;pdpaUiuAk”; > jkpo; gy;fiyf;fof kWNjhd;wp mr;rfk; > jQ;rhT+h;.

Course Title: English For Enrichment-IV Semester : 4
Course Code : 17UENL41 Part : II Contact Hours /Week : 6 Credit : 3

Objectives

To teach language through literature and enable the students to develop the skills involved in listening, speaking, reading, writing, viewing and presenting in a variety of contexts.

Unit I R.K. Narayan: Swami and Friends **18 Hours**

Unit II George Bernard Shaw: Arms and the Man **18 Hours**

Unit III Word Power **18 Hours**

Vocabulary
Choice of Words
Analogy Questions

Unit IV Art of Public speaking **18 Hours**

Welcome Address
Presidential Address
Vote of Thanks

Unit V Writing Skills **18 Hours**

Resume Writing
Group Discussion
Translation.

Text Books

1. Narayan, R .K. *Swami and Friends*. Mysore: Indian Thought Publications, 2008.
2. Shaw, George Bernard. *Arms and the Man*. Delhi : UBS Publishers, 2004.
3. Chakkaravarthy, R. and K. Anusuya. (Eds.). *English for Enrichment IV*. Chennai: New Century Book House, 2018.

Reference Books

1. Green David, *Contemporary English Structures and Composition*, Chennai: Macmillan India Limited, 2015.
2. Nesfield, J.C. *English Grammar, Composition and Usage*, Chennai: Macmillan India Limited, 2004.
3. Bhatnagar. R.P. *English for Competitive Examinations*. New Delhi: Trinity Publishers, 2018.

Course Title: History of India From 1857 To Present Day Semester : 4
Course Code : 17UHI C41 Part : III Contact Hours /Week : 5 Credit :5

Objectives

To enable the Students to understand the different facets of the Indian National Movement and the Socio-Religious Reform Movements and to impart knowledge about the history of post colonial India and the foreign policy of India.

Unit I 17 Hours

India's march towards Independence – Birth of Indian National Congress - Moderate and Extremist Movements – Home Rule Movement – Role of Mahatma Gandhi and Nehru in the Freedom Movement – Role of Tamil Nadu in Freedom Movement - Partition - Independence.

Unit II 18 Hours

Socio-religious reform Movements in 19th and 20th Centuries – Brahmo Samaj – Arya Samaj – The Theosophical Society – Aligarh Movement – Development of Education – Growth of Local Self Government – Impact of British rule in India – Legacy of British rule .

Unit III 18 Hours

India After Independence: Planned Economy of India - Five Year Plans – Policies and Welfare Programmes in Economy -Transport and Communication Development – Information Technology- Promotion of Cultural Activities – Labour – Sports.

Unit IV 12 Hours

Educational Policies and Development - Social Welfare : Welfare of SC & ST – Constitutional Safeguards – Welfare of Minorities- Welfare of the Aged – Women Development.

Unit V 10 Hours

Foreign Policy of India : Policy of Non-Alignment – Relationship with U.S.A, U.S.S.R , China, Pakistan and the U.N.O – India and the SAARC.

Text Books

1. Grover B.L., *A New Look on Modern Indian History*, S.Chand & Company Pvt Ltd, New Delhi, 2016
2. Gupta D.C., *Indian National Movement and Constitutional Development*, Vikas Publishing House, New Delhi , 1973

Reference Books

1. Agarwal S., *Public Opinion and Government of India*, Sushila Agarwal, Asha Pub. House, Jaipur , 1973
2. Agarwal J.C., *Recent Development in Indian Education*, Arya Book , Depal, New Delhi, 1967
3. Majumdar R.C., *Advanced History of India*, Macmilan&Co, New Delhi, 1968
4. Mahajan V.D, *India since 1526*, S. Chand & Company Ltd.Ram Nagar , New Delhi., 2005
5. Roy Choudry S.C., *History of Modern India*, Surjeet publications, Delhi. , 2003

Course Title: History of Tamil Nadu (from 1801 C.E to Present Day)	Semester: 4
Course Code : 17UHI C42 Part : III	Contact Hours /Week : 5
	Credit :5

Objectives

To provide a detailed survey of the different facets of Modern Tamilnadu History and to limelight the role of Tamilnadu in Indian National Movement and the administration of Congress, DMK & AIADMK in Tamil Nadu.

Unit I 12 Hours

The South Indian Rebellion of 1800-1801– Causes – Course and Results. Vellore Mutiny of 1806 – Causes, Course and Consequences of the Mutiny.

Unit II 18 Hours

The British Land Revenue Administration- Ryotwari system - Judiciary. Introduction of Western Education – Socio-Religious Reform Movements - Temple Entry Movement – The rise and fall of the Justice Party - The Self-Respect Movement.

Unit III 17 Hours

Role of Tamil Nadu in Freedom Struggle – the Early Phase: V.O.Chidambaram Pillai-Subramanya Bharathi- Vanchinathan - Subramaniya Siva – The Later Phase :Rajaji- Satyamoorthy - Kamaraj.

Unit IV 18 Hours

Tamil Nadu under Congress rule – The administration of Rajaji - Linguistic re-organisation of States - Kamaraj and Bhaktavatsalam-The anti- Hindi agitation of 1965 – the rise of D.M.K to power-The rise of AIADMK to power.

Unit V 10 Hours

The Economic development of Tamilnadu after 1947 – The Development of Industries- Social Welfare Measures- Software and IT in Tamil Nadu.

Text Books

1. Rajayyan K., *History of Tamil Nadu* (1565 – 1982), Ratna Publications, Madurai, 1995
2. Venkatesan G., *Tharkala Tamilnattu Varalaru* (History of Modern Tamilnadu 1600-2011), V.C.Publications, Rajapalayam, 2011

Reference Books

1. Subramanian Dr. N., 1972, *History of Tamil Nadu* (1565–1982), Koodal Publishers, Madurai
2. Varghese Jeyaraj Dr.S. , 2017 , *Socio-Economic History of Tamilnadu* (1565- 1967), Anns Publications, Uthamapalayam
3. Raghavaingar S.S., 1893, *Memorandum on the Progress of the Madras Presidency* during the last forty years of British Administration, Govt. Press .
4. Balasundaram N., 1967, *The Dravidian Movement in Madras*, Meerut,
5. Mangala Murugaesan N.K., 1979, *Self-Respect Movement*, Koodal Publications, Madurai

Course Title: Modern Governments – II Semester: 4
Course Code : 17UHIA41 Part : III-Allied Contact Hours /Week : 6 Credit :4

Objectives

To make the students aware of different features of Constitution of Switzerland, France and India.

Unit I 20Hours

Constitution of Switzerland: Development of constitution – Salient Features – Mode of Amendment – Federal Council - Federal Assembly- National Council – Council of States – Instruments and working of Direct Democracy.

Unit II 20 Hours

Constitution of France : Development of constitution – Constitution of the Fifth Republic - Salient Features - Method of Amendment – President –Prime Minister – Parliament : National Assembly – Senate – Law making process- Administrative Law .

Unit III 15 Hours

Constitution of India : Development of the Constitution – Sources – Salient Features - Mode of Amendment – Federal Structure – Fundamental Rights – Fundamental Duties – Directive Principles of State Policy - Emergency Powers - Centre-State Relations.

Unit IV 15 Hours

Constitution of India : Executive : President and Vice President: Election - Powers – Functions – Position – Cabinet : Formation – Powers - Functions – Position – Cabinet Dictatorship – Coalition Government and Political Stability .

Unit V 20Hours

Constitution of India : Parliament : Lok Sabha – Composition – Powers and Functions – Speaker – Rajya Sabha - Composition – Powers and Functions – Law Making Process – Committee System – Judiciary - Supreme Court: Organisation - Powers and Functions- Judicial Review - Electoral Systems – Pressure Groups – State Governments.

Text Books

1. Vishnoo Bhagwan & Vidya Bhusan, - *World Constitutions*, Sterling Pub., New Delhi, 1995
2. Gomathinayagam P., *Modern Governments*, (A Comparative Study) Tensy Publication, Sivakasi, 2010

Reference Books

1. Kapoor A.C., *Principles of Political Science* , S.Chand Company, New Delhi , 1967
2. Jeyapalan N., *Modern Governments*, Atlantic Publishers, New Delhi , 1999
3. Kapoor A.C. & Misra K.K, *Select Constitutions*, S.Chand Company Ltd, , 2014
4. Palekar S.A. ,*Comparative Politics and Government*, Prentice Hall India Learning (PVT) LTD , New Delhi, 2008

Course Title: Journalism Semester : 4
Course Code : 17UHI S41 Part : III-Skill Based Contact Hours /Week : 2 Credit :2

Objectives

To enable students to learn the basic principles of Journalism, significance of Press and News Agencies in the Modern Society and to make students aware of the Laws related to Press.

Unit I **6 Hours**

Fundamental Principles of Journalism – Aims – Duties and responsibilities of Journals.

Unit II **6 Hours**

Rights and Privileges of the Press in India – Role of Journalism in Democracy.

Unit III **6 Hours**

Growth of Journalism in Tamil Nadu – Role of Tamil Journals in the Freedom Movement.

Unit IV **6 Hours**

News Agencies – Indian News Agencies – Press Council of India.

Unit V **6 Hours**

Press & Law – Law of Defamation – Contempt of Court – Copy Right Act- Official Secrets Act – Obscene Prohibition Act.

Text Books

- 1.Rengasamy and Parthasarathy, *Journalism in India*, Sterling Publishers, New Delhi , 2007
- 2.Astor J.J., *Arts of Modern Journalism*, Anmol Publication Pvt Ltd, New Delhi, 1991.

Reference Books

- 1.Natarajan J., *History of Indian Journalism*, Publication Divison , New Delhi, 2000
- 2.Padhy K.S., *The Press in India*, Kanishka Publications, New Delhi, 1997
- 3.Joseph M.K., , *Freedom of Press* , Anmol PublicationPvt Ltd, New Delhi, December 2007
- 4.Noorani A.G, *Freedom of Press in India*, Nachiketa Publications, Mumbai., 1971

FIFTH SEMESTER

Course Title: History of Europe 1453- 1789 C.E	Semester : 5
Course Code : 17UHIC51	Credit :5

Objectives

To provide a detailed survey of different facets of European History and to make students aware of Renaissance and Reformation and to bring to limelight the role of important rulers in the history of Europe

Unit I

10 Hours

Beginning of Modern Age – Geographical Discoveries – Results –Importance of the year 1453 – Transition from Medieval to Modern age.

Unit II

18 Hours

Renaissance in Italy – Literary Renaissance, Francesco, Petrarch, Giovanni Boccaccio – Artists of Renaissance : Leonardo-da-Vinci, Raphael, Michael Angelo – Venitian School of Painting – Effect of Renaissance.

Unit III

17 Hours

Different stages of Reformation : Martin Luther – Henry VIII and Charles V of England – Philip II of Spain – Counter Reformation – Thirty Years War.

Unit IV

12 Hours

Louis XIV – Achievements – Foreign Policy – The Dutch War – Spanish War of Succession – The Treaty of Utrecht, 1713 – Frederick the Great.

Unit V

18 Hours

The War of Austrian Succession – Maria Theresa- Domestic and Foreign Policy – Catherine II – Reforms and Foreign Policy – Unrest in Europe – Impact of the American War of Independence – Louis XVI.

Text Books

1. B.V.Rao, *History of Europe 1453-1815*, Sterling Publication Pvt.Ltd, New Delhi, 2007
2. T.N. Vasudevarao, *History of Europe (1453- 1789A.D)* (Tamil), Tamilnadu Text Book Society, Madras, 1972

Reference Books

1. H.A.L.Fisher, *History of Europe from the Beginning of the 18th Century to 1937*, Eye and Spoti Woode, London, 1938
2. A.J.Grant, *History of Europe 1494 to 1610*, Methurn & Co, North Yorkshire, U.K, 1947
3. Arun Bhattacharjee, *History of Europe (1453-1789A.D)*, Sterling Publishers, New Delhi, 1989
4. V.D.Mahajan, *History of Europe*, S.Chand & Co, New Delhi, 1986
5. Iswari Prasad, *A History of Modern Europe from 1453 to 1789 A.D*, Surjeet Publications, New Delhi , 2016

Course Title: Freedom Movement in India	Semester : 5
Course Code : 17UHIC51	Credit :5

Course Title: Elements Of Historiography Semester : 5
Course Code : 17UHIC52 Part : III Contact Hours /Week : 6 Credit :5

Objectives

To provide a theoretical foundation of Historiography and to enable the students to gain knowledge about the contributions of eminent historians of Europe and India, the historical research methodology .

Unit I 25 Hours

Meaning, Definitions , Scope and Purpose of History – History and Allied Subjects: Relationship of History with Politics - Geography - Economics – Literature – Sociology. Branches of History: Political–Social– Economic– Cultural and Constitutional.

Unit II 10 Hours

History: Science or Art – History as both Science and Art – History as a Social Science- Uses and Abuses of History – Lessons of History –Limitations of History.

Unit III 10 Hours

Some Eminent foreign Historians and their contributions: Herodotus –Thucydides – Edward Gibbon- Ranke- Karl Marx – A.J. Toynbee.

Unit IV 20 Hours

Some Eminent Indian Historians and their contributions: Koutilya- Kalhana – Alberuni- Abul Fazl – Jadunath Sarkar- R.C.Majumdar – Nilakanda Sastri- Ranajit Guha – Romila Thapar.

Unit V 25 Hours

Introduction to Methodology: Historical Research – Pre-requisites of Research Scholar – Selection of Topic – Hypothesis- Collection of data–Heuristic – Criticism – Synthesis– Exposition – Objectivity in Historical writing – Foot notes – Bibliography – Appendices.

Text Books

- 1.K.Rajayyan , *History in Theory and Method: A Study in Historiography*, Raj Publishers, Madurai , 1982
2. G.Venkatesan , *Historiography(Tamil)* , Professional Book Publishers;, Chennai, 2018

Reference Books

1. Arthur Marwick, *The Nature of History*, 3rd ed. Macmillan, Chennai, 1989,
2. C.B.John Webster, *Introduction to History*, Macmillan, Chennai.
3. B.Sheik Ali, *History: Its Theory and Method*, Macmillan India Ltd., Delhi,1984
4. N.Subramanian, *Historiography*, Ennes Publication, Udumalaipettai,1982
5. S.Manickam, *Theory of History and Method of Research*, Paduman, Publishers, Madurai, 1997

Course Title: History Of World Civilizations	Semester : 5
Course Code : 17UHIC53	Part : III Contact Hours /Week : 6 Credit :5

Objectives

To focus on the salient features of popular Civilizations and to provide a detailed history of the different religions of the World and their Teachings and to Understand the Culture of various Civilizations.

Unit I 25 Hours

Civilization: Definition – Factors influencing the growth of civilization – Difference between Civilization and Culture –Egyptian Civilization– Geography – The People – Government – Social and Economic Condition – The Arts – Religion – Literature and Learning.

Unit II 25 Hours

Babylonian Civilization – The People – Government – Hammurabi– The Code of Hammurabi – Social and Economic Conditions – The Art – Religion – Literature and Learning – Legacy of the Greek Civilization: Political Legacy – Legacy in the fields of Art, Architecture, Religion, Philosophy, Literature, Education and Science.

Unit III 10 Hours

Legacy of Roman Civilization: Political Legacy – Roman law – Legacy in The fields of Art, Architecture, Religion, Philosophy, Literature, Education and Science.

Unit IV 20 Hours

The Byzantine Civilizations: Government – Emperor Justinian – Social and Economic Conditions – Contributions to the Art, Architecture, Religion and Philosophy. Feudalism: Causes – Merits and Demerits – Decline of Feudalism – Manorial System.

Unit V 10 Hours

Religions: Hinduism – Confucianism – Zoroastrianism – Christianity – Islam.

Text Books

1. J.E.Swain, *A History of World Civilizations*, S.Chand Publications, New Delhi, 1997
2. J.Dharmaraj, *History of World Civilizations*, Tensy Publications, (Tamil), Sivakasi, 2012

Reference Books

1. Arnold J. Toynbee, *A Study of History*, Oxford University Press, London, 1935.
2. Will Durant, *A Story of Civilization*, Simon & Schuster Publication, Newyork, 1935.
3. B. K. Gokhale, *Introduction to Western Civilization*, S.Chand Publications, New Delhi, 1983.
4. S. Settar, *World History*, The Macmillan Company, Madras, 1973.
5. Alastair M. Taylor and Nels M. Bailkey, *Western Perspectives: A Concise History of Civilization*, Glenview Publication, Illinois: Scott, Foresman, 1973.

Course Title: History of the USA 1860-1945 C.E Semester : 5
Course Code : 17UHIE51 Part : III - Elective Contact Hours /Week : 6 Credit :4

Objectives

To provide a detailed history of emancipation of Blacks in America and to bring to limelight the role of American Presidents in the Civil War and to make students aware of the role of America in the two World Wars

Unit I

25 Hours

Civil War: Causes – Course – The growth of slavery – The differences between the North and South – Results and Significance -Re-constructions: Abraham Lincoln- Role in the Civil War – Post Civil War– Agricultural expansion – Rise of Big Business – Labour Movements.

Unit II

10 Hours

Growth of Imperialism : Sherman Anti-Trust Act of 1890 – Spanish American War – Annexation of Hawaii- Phillippines and Caribbean – Pacific problems.

Unit III

25 Hours

The Rise of Progressivism : Theodore Roosevelt – Square Deal and Domestic policy – Big Stick policy – Taft Administration . First World War: American Approach to the War – Woodrow Wilson – Peace Conference – League of Nations – Neutrality-Great Depression and its effects – Hoover Administration.

Unit IV

20 Hours

Franklin D.Roosevelt: New Deal Legislations – Foreign Policy during New Deal Period. The Second World War: Rise of Dictators – American’s Approach to World War II – End of Neutrality – The US at the War.

Unit V

10 Hours

Quest for Peace: Effects of Peace during the World War II – Planning and New World Order – Atlantic Charter – San Francisco Conference and the Establishment of UNO.

Text Books

1. R.Alala Sundaram, *History of the United States of America*, Vol I, (Tamil) Pothigai Pathippagam, Pondicherry, 1978
2. N.Jeyabalan, *History of the United States of America*, Atlantic Press, Chennai, 1999

Reference Books

1. C.P.Hill, *A History of the United States*, Hoddu, Stoughton, 1974
2. K.Rajayyan, *History of the United States of America*, Madurai Kamaraj University, Madurai, 1976
3. K. Nambi Arooran, *History of the United States America*, Madurai Kamaraj University, Madurai, 1976
4. Oliver Stone & Peter Kuznick, *The Concise untold History of the United States*, Ebury Press, 2015

Objectives

To explain the process of constitutional development in Britain through various stages of history and to discuss the tussle between the Monarch and the Parliament for a division of state power. By means of that try to bring to limelight the gradual transfer of powers from the Monarch to the Parliament culminating in the Bill of Rights(1689), the salient features of the British Constitution, the sources of the British Constitution

Unit I 15 Hours

The Stuart Period-James I and His Parliaments-Charles I and His Parliaments-The Petition of Rights-The Eleven Years Tyranny-The Long Parliament-The Civil War.

Unit II 20 Hours

The Commonwealth-The Constitutional Experiments- Oliver Cromwell-The E of Common Wealth-Restoration- Charles II-James II-The Glorious Revolution-The Bill of Rights-Act of Settlement.

Unit III 15 Hours

George I and George II- Whig Oligarchy-Emergence of the Office Prime Minister-Walpole-Origin and development of the Cabinet System-George III and his personal Government-Causes for the failure.

Unit IV 25 Hours

The Age of Reforms-The Parliamentary Reform Acts of 1832,1867,1884, 1885-The Relationship between the two Houses of the Parliament-The Parliamentary Act of 1911- The Representation of People’s Act of 1918,1928-Reduction of Voting Age in 1917- Chartist Movement.

Unit V 15 Hours

Constitutional changes due to the Two World Wars-War Cabinet-The Statue of West Minister-Abdication of Edward VIII- Constitutional significance-Salient Features of the British Constitution.

Text Books

- 1.F. W. Maitland ,*The Constitutional History of England* ,The Law Book Exchange, New Jersey,2001
- 2.J.jh;kuh[;, ,q;fpyhe;J murpayikg;G tuyhW (1603-ypUe;J ,d;W tiu), nld;rp gg;spNfWd;];, rptfhrp, 2018

Reference Books

1. Ann Lyon, *Constitutional History of United Kingdom*, Routledge-Cavendish; 1 edition, 2003
2. Henry Hallam , *The Constitutional History of England 1760 to 1860* , Cambridge University Press, 2011
- 3.William Stubbs, *The Constitutional History of England and its Origin, Development*, Cambridge University Press, 2012
4. Charles Duke Yonge - *The Constitutional History of England 1760 to 1860* , Palala Press, New Jersey, 2016

Course Title: Introduction To Archaeology Semester : 5
Course Code : 17UHIS51 Part : III – Skill Based-I Contact Hours /Week : 2 Credit :2

Objectives

To make students aware of the basic information about Archaeology and a detailed survey of the lives and achievements of Archaeologists of the world and to enable the students to equip Archaeological knowledge through field study at Exploration sites.

Unit I **6 Hours**

Nature, Scope and Purpose of Archaeology –Kinds– Pre Historic and Historic Archaeology – New Archaeology – Under Water Archaeology.

Unit II **6 Hours**

Indian Archaeologists – Alexander Cunningham- Robert Bruce Foote – Sir John Marshall – S.R.Rao- T.V. Mahalingam – K.V.Raman.

Unit III **6 Hours**

Dating Methods – Radio Carbon Methods – Pollen Tests –Dendrochronology – Thermoluminescence – Exploration – Ground Survey–Aerial Photography – Magnetic Prospecting (Magnetometer)

Unit IV **6 Hours**

Survey:Ground Survey Resistivity survey– Electromagnetic survey – Excavation –Trenching – Gridding – Open Stripping

Unit V **6 Hours**

Indian Archaeological Sites – Harappa – Mohen-jo-daro – Arrikkamedu –Kaveripumpattinam – Adhichanallur –Kodumanal- Keeladi.

Text Books

1. K.V.Raman, *Principles & Methods of Archaeology*, Parthajan Publications, Triplicane, Chennai, 1986
2. R.Venkatraman, *Indian Archaeology*, Ennes Publications, Udumalpet, 2005

Reference Books

1. K.Rajan, *Understanding Archaeology*, Manoo Pathippaham, Thanjavur, 2016
2. M.Chithanda Murthi, *Memorial Stones a study of their Origin, Significance and Variety*, Institute of Indian Art History, Karnatak University, Garwar, 1982
3. B.K.Gururaja Rao, *The Megalithic Culture of South India*, University of Mysore, Mysore, 1972
4. Alexander Zohn, *The Direction of Archaeological Excavation*, John Baker Ltd, London, 1970.

Course Title: Archives Keeping Semester : 5
Course Code : 17UHIS52 Part : III – Skill Based-II Contact Hours /Week : 2 Credit :2

Objectives

To enable students to understand the history of Archives Keeping during different periods and to train them in the scientific methods in the preservation of records and to make the Students aware of the functions and uses of different Archives in India and other Countries, knowledge of documentation and preservation of Records.

Unit I **6 Hours**

History of Archives – Preservation of Records in Ancient Times – Creation of Archives.

Unit II **6 Hours**

Organization of Archives – Regulations – Administration of Archives.

Unit III **6 Hours**

Preservation of Records and Books in Modern Period – Scientific Methods – Function of Archives.

Unit IV **6 Hours**

Uses of Archives – Rules and Regulations of Archives in India

Unit V **6 Hours**

Contribution of the British towards Archives Keeping – National Archives in India – State Archives in Tamil Nadu – Functions of Private Archives.

Text Books

1. M. A., Sundara Raj, *Manual of Archival System and World of Archives*, Chennai, 1998
2. J.Thiyagarajan, *Archives Keeping*, V.C.Publications, Rajapalayam, 2014

Reference Books

1. K.D.Bargava, *An Introduction to National Archives*, National Archives of India, Ministry of Education, Government of India, 1958
2. B.S.Baliga, *Guides to Records Preserved in the Madras Record Office*, Foreign and Colonial Compiling and Publishing Company, London, 1922.
3. B.S.Baliga, *Notes on the preservation of Archives Unknown Binding* – Superintendent, Govt. Press, 1947
4. Waldo Gifford Leland, *Article on the National Archives*, FB, 2018

Course Title: Environmental Studies

Semester : 5

Course Code : 17UESV51

Part :IV

Contact Hours /Week :2

Credit :2

Objectives

To understand and create the awareness of Earth and its Environment, Ecology and Ecosystem, Biodiversity, Pollution and Global Issues and Disaster Management.

Unit I

6 Hours

Environment Education: Objectives, Nature and Scope – Environment Education in India, Components of Environment – Biosphere, Lithosphere, Hydrosphere, Atmosphere. Global Environment Issues - Global Warming, Ozone Layer Depletion, Acid Rain, Desertification, Loss of Bio-diversity, E-wastes and Cloud Bursting.

Unit II

6 Hours

Ecosystems: Concept, Structure and Functions of an ecosystem – Producers, Consumers and Decomposers; Energy Flow in an Ecosystem - Food Chains, Food Webs and Ecological Pyramids.

Unit III

6 Hours

Energy Resources and Conservation: Definition, Classification – Conventional, Non-Conventional with examples; Solid, Liquid and gaseous Wastes, Conversion of Wastes into Wealth; Energy from Wastes.

Unit IV

6 Hours

Natural Resources: Introduction, Types - Forest, Water, Mineral, Animal and Livestock, Land & Food; Resources Depletions - causes, consequences and remedies. Environmental Pollution – Noise, Air, Water, Soil - Causes, Consequences and Remedial Measures; Environment Laws, Acts Rules and Procedures in India – Social Issues – Sustainable Development.

Unit V

6 Hours

Biodiversity and its Conservation: Introduction, Types of Biodiversity – Genetic, Species and Ecological Levels; Bio-diversity at Global, and National levels; Loss of Biodiversity – causes and consequences and remedial measures; Hot Spots and Cool Spots of Bio-diversity; Biodiversity Conservation and Strategies – In Situ and Ex Situ.

Text Book

1. Ravichandran.P., and Muthumari.M., (2019), “*Environmental Studies*”, New Century Book House, Chennai.

Reference Books

1. Abhijit Mallick, (2014), “*Environmental Science and Management*”, Viva Books Private Limited, New Delhi.
2. Kanagasabai.S., (2010), “*Textbook on Environmental Studies*”, PHI Learning Private Limited, New Delhi.
3. Rajagopalan.R., (2005), “*Environmental Studies*”, Oxford University Press, New Delhi.
4. Ulaganathan Sankar, (2001), “*Environmental Economics*”, Oxford University Press, New Delhi.
5. Shukla.R.S. and Chandel. P.S., (2003), “*Plant Ecology*”, Sulthan Chand & Company Ltd., New Delhi.
6. Ramakrishnan.P.S., (2013), “*Ecology and Sustainable Development*”, National Book Trust, India.

Self Study Paper - II

Course Title: Adventure Training and Personality Development

Semester: 5

Course Code: 17UNCV51

Part: V

Contact Hours /Week: 4

Credit: 2

Unit 1: Civil Defence

Civil defence organization and its duties/NDMA – types of emergencies/natural disasters – Fire services & fire fighting – traffic control during disaster under police supervision – essential services and their maintenance –

Unit 2: Disaster Management

Assistance during natural/other calamities: Flood/Cyclone/Earth quake/Accident etc. – setting of relief camp during disaster management – Collection and distribution of aid materials

Unit 3: Map Reading

Introduction to types of maps and conventional signs, scales and grid system, topographical forms and technical terms – relief, contours and gradients – cardinal points and types of north – types of bearings and use of service protractor – prismatic compass and its use & GPS – setting a map, finding north and own position – map to ground, ground to map

Unit 4: Communication

Types of communications – characteristics of wireless technology (mobile, Wi fi etc) – characteristics of Walkie/Talkie – Basic RT procedure – latest trends and development (multimedia, video conferencing, IT)

Unit 5: Field Craft, Battle Craft, Adventure Training

Introduction - Judging the distance – description of ground – recognition, description and indication of landmarks and target – observation, camouflage and concealment – field signals – section formation – fire control orders – fire and movement – types of knots and lashings - Obstacle course-Para sailing – slithering – rock climbing – cycling/trekking

Note: Necessary demonstration and practical training will be dealt during parade hours.

Reference Books

1. National Cadet corps standing Instructions Volume I & II, DG NCC, Minister of Defence, Shri Sai Enterprises, New Delhi, 2017.
2. NCC Guide, Major R. Ramasamy, Priya Publication, Karur – 2.
3. A Key to Success, Lt. Col. PS Prasad, Kerala, 2008.
4. ANO Handbook, www.nccindia.nic.in.
5. Cadets Handbook Common Subjects SD/SW.

*Note : III year UG students enrolled in NCC only.

SIXTH SEMESTER

Course Title: History Of Europe 1789- 1945 C.E Semester :6
Course Code : 17UHIC61 Part : III Contact Hours /Week : 6 Credit :5

Objectives

To enable the students to understand the different facets of Modern European History, role of important rulers in the history of Modern Europe and to make students aware of the role of European Countries in the two world wars.

Unit I 25 Hours

France on the Eve of French Revolution – Causes , Course and Results – Rise of Napoleon Bonaparte – Consulate – Constitution of 1799 – Napoleon as Emperor – Napoleonic Wars – Continental System – Causes for failure – Domestic Reforms.

Unit II 15 Hours

Vienna Congress – Holy Alliance – Concert of Europe – Causes for the Failure – Metternich – Louis XVIII – Charles X .

Unit III 10 Hours

Revolution of 1830 and its results- Louis Philipe – Revolution of 1848 and its results – Louis Napoleon –Third Republic of France.

Unit IV 15 Hours

Unification of Italy: Role of Cavour, Garibaldi, Mazzini and Victor Immanuel II – Roman Question – Lateran Treaty of 1929 – Unification of Germany: Rise and fall of Bismarck

Unit V 25 Hours

Eastern Question : The Greek War of Independence – The Crimean War –Young Turk Movement – Balkan Wars. The First World War – Mustafa Kamal Basha – Russian Revolution of 1917 – League of Nations – Nazism- Fazism – Causes, Course and Results of World War II.

Text Books

- 1.V.D.Mahajan, *History of Modern Europe since 1789*, S.Chand & Co, New Delhi, 2013.
- 2.R.Alala Sundaram, *History of Europe Since 1815* (Tamil), Tamilnadu Text Books Society, Madras, 1981

Reference Books

1. A.J.Grant, *History of Europe in 19th and 20th Century*, Longmens Green & Co, London, 1947.
2. G.J.Southgate, *A Text Book of Modern European History*, Macmillan publication, London, 1966.
- 3.A. Thilagavathy Jegadeesan, *History of Europe Since 1789 to Present day* (Tamil), Tamilnadu Text Book Society, Madras, 1971.
- 4.P.C.Thomas, *History of Europe 1789 -1945*, Har Anand Publication, New Delhi, 2007.
- 5.Iswari Prasad, *A History of Modern Europe*, Surjeet Publications, New Delhi ,2016

Objectives

To enable students to gain an in-depth knowledge about the progress of Science and Technology through the different periods of History, the contributions made by the scientists of Medieval and Modern period and the achievements in Atomic and Space Research

Unit I 15 Hours

Science in Europe in the 15th and 16th Centuries: Progress in Astronomy – Nicholas Copernicus – Johannes Kepler – Galileo – Medical Science: Andreas Vesalius – Ambroise Paré. Progress in Technology: John Gutenberg – Leonardo da Vinci.

Unit II 25 Hours

Science and Technology in the Seventeenth Century: Progress in Physics and Mathematics: Isaac Newton. Progress in Chemistry and Medical Science: Robert Boyle – William Harvey – Marcello Malpigi. Science and Technology in the Eighteenth Century: Inventions in Textile Industry – Steam Engine. Progress in Chemistry: – Henry Cavendish – Joseph Priestly – Antoine Lavoisier. Progress in Medical Science: John Hunter – Edward Jenner.

Unit III 25 Hours

Science in the Nineteenth Century: Progress in Biology – Charles Darwin. Progress in Physics and Mathematics: Michael Faraday Progress in Chemistry: John Dalton – Mendeleev. Progress in Medical Science: Louis Pasteur– Joseph Lister . Progress in Technology: Transport – Steam Navigation– Railways–Cycle–Motor Car– Modern Chemical Industry–Alfred Nobel Telegraphs and Telephones –Thomas Alva Edison.

Unit IV 15 Hours

Atomic Science and Science and Technology in the Twentieth and Twenty first Centuries: Albert Einstein and Theory of Relativity – Lord Rutherford – History of Atom Bomb – Atomic Energy–Röntgen– Marie Curie –Marconi – Radar – Television –Laser – Computer – Information Technology –Space Research – Psychology and Sigmund Freud.

Unit V 10 Hours

Progress of Science and Technology in Modern India: Foundation of Modern Science – Progress in Astronomy – Space Research –Atomic Energy Commission –H.J. Bhabha- Defence Research and Development Organisation – Green Revolution. Pioneers of Modern Science in India: J.C. Bose –Srinivasa Ramanujan – Sir C.V. Raman– S. Chandrasekar – A.P J. Abdul Kalam

Text Books

1. R. Venkatraman , *History of Science and Technology*, Ennes Publication, Madurai, 1988.
2. S. Varghese Jeyaraj , *History of Science and Technology*, Pavai Pub., Chennai, 1997.

Reference Books

1. Warren E. Preece, (ed.) , *Encyclopaedia Britannica*, Vols. 1 to 23, London, 1966
2. S.F. Mason , *The History of Science*, London,1973.
3. Egon Larsen, *History of Inventions*, H.E.V. Thomson Press Ltd., Faridabad, 1975.
4. C. Singer , *A Short History of Science*, Oxford, 1978.
5. .Kalpana Rajaram, *Science and Technology in India*, Spectrum India, New Delhi,1993.

Objectives

To enable the students to understand the origin and basic components of Tourism, the development of Tourism through the ages and to highlight the perspectives of Tourism in India and to enable the students to understand various Tourist centres and to Hotel Industries in India.

Unit I 10 Hours

Origin, Nature , Meaning and Definition of Tourism - Basic components - Kinds- Locale, Accommodation, Transport and Attractions of Tourism

Unit II 20 Hours

Tourism through the Ages- Pre-historic and Historic Period- Early Pleasure Travel- The Grand Tour and the Renaissance- Impact of Industrial Revolution- Emergence of Modern Transport Systems – Advent of High Speed Trains – Airways and Sea Routes .

Unit III 25 Hours

Tourism in India- Early History- Travel through the Ages- Accounts of Early Travellers- India a Land of all seasons- Pre and Post Independent India- The Sargent Committee- Tourist Information Offices in India and abroad- Ministry of Tourism – ITDC-TTDC.

Unit IV 15 Hours

Accommodation- Early History- Emergence of Hotels- Types of Hotels- Supplementary Accommodation- Time Share and Resorts- Grading Systems.

Unit V 20 Hours

Types of Tourism- Regional and Domestic – International Tourism- Forms of Tourism – Pleasure Travel- Holiday Tour- Cultural and Heritage Tourism- Mass Tourism- Religious Tourism – Health Tourism- Eco Tourism- Sports Tourism- Merits , Demerits and impact of Tourism.

Text Books

1. A.K.Bhatia, *Tourism Development: Principles and Practices*, Sterling Publishers, Bombay,2002
2. M.Rajasekara Thangamani, *Tourism (Tamil)*,Kongu Pathippaham, Karur, 1995

Reference Books

1. S.M. Jha , *Tourism Marketing*, Himalaya Publishing, Bombay
2. Pran Nath Seth , *Successful Tourism: Fundamentals of Tourism*, Vol I, Sterling Publishers, Bombay, 1993
3. A.K.Bhatia, *International Tourism*, Sterling Publishers, New Delhi, 1994
4. A. K.Bhatia, *Tourism in India: History and Development*, Sterling Publishers, New Delhi, 1994
5. G.S.Batra, *Tourism in the 21st Century*, Anmol Publications, New Delhi , 1996

Course Title: International Relations Since 1945 Semester :6
Course Code : 17UHIE61 Part : III- Elective-I Contact Hours /Week :6 Credit :4

Objectives

To enable students to understand the origin and functions of UNO, the role of different world organizations in the conflict Management and to provide a detailed survey about Middle east problems, the foreign policies of different nations.

Unit I **25 Hours**

UNO – Origin and Establishment – Structure – Function – Specialized Agencies – Achievements – Commonwealth – NAM.

Unit II **20 Hours**

Cold War – Causes – Various Phases – NATO, SEATO, CENTO – Warsaw Pact – Effects of Cold War.

Unit III **20 Hours**

Regional Organizations – OAS– OAU- The Arab League – ASEAN – EEC – SAARC – OPEC – CIS.

Unit IV **15 Hours**

Middle East Problem: Palestine Question – Israel-Arab Conflict – Oil Diplomacy – Gulf War.

Unit V **10 Hours**

Foreign Policy of U.S.A, U.K, Russia , China and India – WTO – Globalization and WTO

Text Books

1. U.Sharma, *International Relations*, Lakshmi Naraian Agarwal Educational Publishers, Agra, 2001
2. Pavneet Singh, *International Relations*, Educational Publishers, Agra, 2017

Reference Books

1. Palmer and Perkins, *International Relations*, CBS; 3 edition , Scientific Book Agencies, New Delhi2001
2. A.J Toynbee, *Survey of International Affairs*, Oxford University Press, 1937
3. Gibbons, *An introduction to World politics*, Arkose Press, 2015
4. Frederick. L Schuman, , *International politics*, McGraw Hill, New York, 2009

Objectives

. To explain the importance of Acts passed by the British in India and make them to study the main Charter Acts passed by the British in India and to understand the significant features of the Reform Acts , the importance of the making of Indian constitution, the salient features of the Indian constitution

Unit I **15 Hours**

The Regulation Act of 1773 – The Act of 1781 – Pitt’s India of 1784 – Circumstance – Provisions – Significations.

Unit II **15 Hours**

The Charter Act’s 1793,1813,1833,1853 – The Act of 1857 – the Queen’s Proclamation of 1858 – Circumstance – Provisions – Significations.

Unit III **20 Hours**

Indian Council Act of 1861 & 1892 – Minto-Morely Reforms of 1909 – Montague Chelmsford Reforms 1919 – Circumstance – Provisions – Significations – Dyarchy in Provinces.

Unit IV **20 Hours**

The Government of Indian Act of 1935 – Circumstance – provisions – Significations – The Development between 1935 and 1950 – the formation of Constitutional Assembly – The Act of 1947 – the making of Constitution.

Unit V **20 Hours**

The salient features of the Indian Constitution – The Sources – Federation – Fundamental Rights –Fundamental Duties – Directive Principles – The Party System – Emergency – Amendments.

Text Books

1. R.C. Agarwal , *Constitutional Development and National Movement of India* , S.Chand Publisher is a leading publishing company in India, New Delhi, 2005
2. Pon Thangamani ,*Indian Constitutional History – A. D 1773 to 1950*, Ponnaiah Pathipakam, Chennai, 2001.

Reference Books

1. D.C. Gupta , *Indian National Movement and Constitutional Development*, Vikas Publishing House Pvt.Ltd ,India. 1973
2. Bibin Chandra, *Modern History of India*, Orient Blackswan, New Delhi ,2009
3. S.C. Raychoudhary, *History of Education in Modern India*, Surjeeth Publication, New Delhi,2013.
4. D.D. Basu , *Introduction to the Constitution of India*, Lexis Nexis, 2015

Course Title: Introduction To Epigraphy Semester :6
Course Code : 17UHS61 Part : III- Skill Based-I Contact Hours /Week : 2 Credit :2

Objectives

To make students aware of the importance of Epigraphy in the study of History and to impart knowledge about the eminent Epigraphists and their contributions in Epigraphy, equip the knowledge of deciphering the Inscriptions.

Unit I 6 Hours

Importance of Epigraphy – Literary – Political – Religious – Memorial – Legal – Welfare – Social Status and Spurious Inscriptions.

Unit II 6 Hours

Antiquity of Writing in South India – Writing Materials – Metals and Stones.

Unit III 6 Hours

Eminent Epigraphists – George Buhler – James Burges- H.Krishna Sastri – V.Venkaya – Robert Sewell – K.V.Subramaniya Iyer.

Unit IV 6 Hours

Epigraphical Forms and Contents – Epigraphical Conventions – Dating of Inscriptions – Tamil Brahmi Inscriptions – Mangulam – Sittanvasal – Alagarmalai – Pugalur – Archchalur – Importance of Tamil Brahmi Inscriptions.

Unit V 6 Hours

Origin and Growth of Vatteluthu and Grantha Inscriptions – Estampaging and Reading Inscriptions- Sample Study of Select Tamil Inscriptions:

1. Velvikkudi Copper Plates
2. Uttramerur Inscriptions

Text Books

1. eld fhrpehdj;, fy;nyOj;Jf;fiy, kzp thrfh; gjpg;gfk;, nrd;id, 1989
2. ,uh.Nfhtpe;j uh[;, jkpo;ehl;L vOj;J tsh;r;rp, jkpofj; njhy;ypay; fofk;, jkpo; gy;fiyf;fofk;, jQ;rhT+h;

Reference Books

1. Rajan.K, *Early Writing System, Pandyanadu Centre for Historical Research*, Madurai, 2015
2. Velu Pillai.A, *Epigraphical Evidences for Tamil Studies*, International Institute of Tamil Studies, Madras, 1980
3. rp.Nfhtpe;juhrd;, fy;ntl;Lf; fiyr;nrhy; mfu Kjyp, kJiu fhkuhrh; gy;fiyf;fofk;, kJiu, 1987
4. ghz;bah; nrg;NgLfs;, gj;J njhFg;G, jkpo; tuyhw;Wf; fofk;, nrd;id, 1967
5. T.V.rjhrpt gz;lhu;jjhh;, fy;ntl;L \$Wk; cz;ikfs;, uhikah gjpg;gfk;, 2011

Course Title: Indian Temple Architecture Semester :6
Course Code : 17UHS62 Part : III- Skill Based-II Contact Hours /Week : 2 Credit :2

Objectives

To enable students to understand the evolution of Temple Architecture, the basic components of Indian Temple Architecture and to highlight the different architectural styles of Indian dynasties.

Unit I 6 Hours

Definition – Origin and Growth – Nature – Scope – Importance – Various Styles of Architecture – The Nagara, Vesara, the Dravida Features.

Unit II 6 Hours

Mauyran Architecture – Asoka’s Contribution – The Stupas – Pillars – Viharas and Chaithyas – Caves – Foreign influences.

Unit III 6 Hours

Guptas– Kushans – Gandhara – Mathura – Sanchi.

Unit IV 6 Hours

Temple Architecture in South India – Chalukyas – Pallavas – Cholas –Pandiyas– Rastrakudas.

Unit V 6 Hours

Vijayanagara – Nayaka – Mandapas – Viharas – Prakaras – Gopuras – Vimanas.

Text Books

- 1.R. Venkataraman, *History of Indian Temple Architecture* (Tamil), Ennes publication, Madurai, 1983.
- 2.Edith Tomry, *History of Fine Arts in India and the West*, Orient black Longman, New Delhi, 2010.

Reference Books

- 1.Sharmin Khan, *History of Indian Architecture – Buddhist, Jain and Hindu Period*, CBS Publishers& Distribution Pvt. Ltd, Chennai, 2014.
- 2.Percy Brown, *Indian Architecture – Hindu and Buddhist Period*, Tobey Press, New Delhi, 2001.
- 3.Garg Maheswari, Sanjeev Maheswari, *Ancient Indian Architecture*, CBS Publications & Distributors, New Delhi, 2013.
- 4.Satish Grover, *Buddhist and Hindu Architecture in India*, CBS Publications & Distributors, Mumbai, 2003.
5. G. j;q;fNtY, *,ejpa fiy tuyhW ghfk; - 1&2, jkpo;ehl;L ghLE}y; epWtdk; nrd;id,* 1977.

Course Title: Value Education

Course Code : 17UVEV61

Part : III

Contact Hours /Week :2

Semester : 6

Credit :2

Objectives

To sensitize the students towards value formation, the understanding, motivate and take responsibility with regard to making positive personal and social choices, individuals to choose their own personal, social, moral and spiritual values and be aware of practical methods for developing and deepening them.

Unit I

6 Hours

Values and the Individual

Meaning of Value Education - Significance of Values – Classification of Values – Objectives of Value Education - Need for the Inclusion of Value Education – Values and the Individual; Self Discipline, Self Confidence, Self Initiative, Empathy, Compassion, Forgiveness, Honesty and Moral Courage.

Unit II

6 Hours

Values and Religions / Faiths

Karma Yoga in Hinduism – Ahimsa in Jainism - Compassion in Buddhism - Love and Justice in Christianity – Universal Brotherhood in Islam- Selfless Service in Sikhism – Need for Inter Religious Dialogue and Communal Harmony.

Unit III

6 Hours

Values and Society

Definition of Society – Democracy – Secularism – Socialism – Gender Justice – Human Duties/Rights – Socio-Political Awareness – Multi Culturalism and Social Integration – Social Justice.

Unit IV

6 Hours

Professional Values

Definition – Accountability – Willingness to Learn – Team Spirit – Consensus – Honesty – Transparency – Mutual Respect – Democratic Functioning– Integrity and Commitment.

Unit V

6 Hours

Role of Social Institutions in Value Formation

Role of Family – Peer Group – Society – Educational Institutions – Role Models – Swamy Vivekananda – Mahatma Gandhi – Martin Luther King Jr. – Mother Teresa Mass Media in Value Formation.

Text Book

1. Kannan.S., Sujatha.S., & Ramachandran.S., (2019), “*Values of Education*”, The New Century Book House, Chennai.

Reference Books

1. Saravanan.P., & Andichamy.P., “*Value Education*”, Merit India Publications, Madurai.
2. Swami Chidbhanandha, “*Indian National Education*”, Sri Ramakrishna Mutt, Thirupparaithurai, Trichy
3. *Complete Works of Swami. Vivekananda*, Sri Ramakrishna Mutt, Chennai
4. Gandhi.M.K., (2014), “*An Autobiography or The Story of My Experiment with Truth*”, Navajeevan Publication, Reprint 2019 Ahmadabad
5. Jeyapragasam.S., (2006), “*World Religions*”, CEPCHIRA, Madurai.
6. *Encyclopedia of World Religiou*, Merriam Webster Publication, U.S.A, 1999.