

Bachelor of Defence & Strategic Studies(DS)

Affiliated to Thiruvalluvar University

**PROGRAM HAND BOOK**

**CURRICULUM AND SYLLABUS UNDER CBCS**

**WITH EFFECT FROM 2022-2023**



DON BOSCO COLLEGE (CO-ED)  
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**PROGRAM OVERVIEW**

A Bachelor of Arts (BA) in Defence Studies is a graduate-level program spanning three years, designed to provide students with a comprehensive and in-depth exploration of Defence Strategic Studies as an advanced academic discipline. This course delves into various aspects of defense and strategic studies, equipping students with a profound understanding of the subject matter.

**UNIVERSITY REGULATIONS - DEFINITIONS**

**PROGRAM** - “Programme” means a course of study leading to the award of a degree in a discipline.

**PROGRAM DURATION** - It shall extend over a period of three years comprising of six semesters with two semesters in one academic year.

**COURSE** - “Course” refers to a paper / practical / subject offered under the degree programme. Each Course is to be designed with lectures / tutorials/Laboratory or field work / seminar / practical training / Assignments / Term paper or Report writing etc., to meet effective teaching and learning needs.

**CREDITS** - The weightage given to each course of study (subject) by the experts of the Board of Studies concerned. The total minimum credits required for completing a UG program is 140.

**CHOICE BASED** - All Undergraduate Programmes offered by Thiruvalluvar University are under Choice Based Credit System. This is to enhance the quality and mobility of the students within and between the Universities in the country and abroad.

**ELIGIBILITY FOR ADMISSION** - Candidate seeking admission to the first year of the UG Degree Course should have passed the Higher Secondary Course Examination (Academic or Vocational) Conducted by the Govt. of Tamil Nadu or any other Examination accepted as equivalent thereto by the Syndicate subject to such other conditions as may be prescribed.

### **PATTERN OF STUDY**

The pattern of study for all UG Programs in Thiruvalluvar University consists of the following:

**PART-I:** Tamil or any one of the following modern/classical languages i.e. Telugu, Kannada, Malayalam, Hindi, Sanskrit, French, German, Arabic & Urdu.

The subject is offered during the first two semesters with one examination at the end of each semester (2 courses: 2 x 4 = 8 credits).

**PART-II:** English - The subject shall be offered during the first two semesters with one examination at the end of each semester (2 courses: 2 x 4 = 8 credits).

### **PART-III**

(i) **Core Subjects** - Core papers including practical's wherever applicable are offered as prescribed in the scheme of examination, by the Board of Studies of respective subject. There are 19 Core papers, 3 core practical papers, 4 allied and 3 electives constituting 80 credits for theory and 22 for practicals.

(ii) **Allied Subjects** - In accordance with the examination scheme formulated by the Boards of Studies for different subjects, our academic institution offers allied papers, including practical components where relevant. For undergraduate (UG) programs, excluding Science courses that incorporate practicals, each semester (I, II, III, and IV) encompasses four papers. It is noteworthy that across all four semesters, the cumulative credit allocation for Allied courses is fixed at 20 credits.

(iii) **Electives Courses** - Three elective courses with  $(3 \times 3 =)$  9 credits are to be offered one in the V Semester and two in the VI Semester. Elective subjects are selected from the list of electives prescribed by the Board of Studies concerned, as given below. Colleges can choose any one of the papers, given below, as an elective for a particular semester whether 5<sup>th</sup> semester or 6<sup>th</sup> semester. Elective paper for a particular semester once chosen by a particular college, should not be changed without getting prior permission and approval of the University.

#### **PART-IV**

i) **Basic Tamil / Advanced Tamil (OR) Non-major Elective** - Those who have not studied Tamil upto XII std and taken a non-Tamil language under Part-I shall take Tamil comprising of two courses with 2 credits each  $(2 \times 2 = 4)$  credits). The course content of which shall be equivalent to that prescribed for the 6th standard by the Board of Secondary Education and they shall be offered in the third and fourth semesters. (OR)

b. Those who have studied Tamil up to XII std and taken a non-Tamil language under Part-I shall take Advanced Tamil comprising two courses with 2 credits each  $(2 \times 2 = 4)$  credits) in the third and fourth semesters. (OR) c. Others who do not come under the above a/b categories can choose the offered non-major electives consisting of two courses with  $(2 \times 2 =)$  4 credits, in the third and fourth semesters.

ii) **Skill Based Subjects** All the UG Programmes shall offer four courses of skill based subjects one each in III, IV, V & VI semester with 3 credits each  $(4 \times 3 = 12)$  credits) for which examination shall be conducted at the end of the respective semesters.

**iii) Foundation Courses** - There are 3 Foundation Courses offered.

1. Environmental Studies - offered in 1<sup>st</sup> Semester, under Part IV of the programme.
2. Value Education - offered in 2<sup>nd</sup> Semester under Part IV of the programme.
3. Soft Skill - offered in 2<sup>nd</sup> Semester under Part IV of the programme

**(a) Environmental Studies** - All UG Programmes shall offer a course in Environmental Studies subject and it shall be offered in the first semester as one paper with 2 credits. Examination shall be conducted at the end of the first semester.

**(b) Value Education** - All UG Programmes shall offer a course in “Value Education” and it shall be offered in the second semester as one paper with 2 credits. Examination shall be conducted at the end of second semester.

**(c) Soft Skill** - All the UG Programmes shall offer a course in “Soft Skill” subject and it shall be offered in the Second Semester by the Department of English, as one paper with 1 credit. Examination shall be conducted at the end of the 2<sup>nd</sup> semester.

The assessment for the course in Part IV namely (i) (a) alone, shall be only through CIA and not through external (University) examination for the total marks prescribed.

The assessment for the courses in Part IV namely (i) (b) & (i) (c) and (ii), (iii) (a), (iii) (b) and (iii) (c), shall be through CIA as well as external (University) examination for the total marks prescribed.

## **PART V**

**Extension Activities** - Proper relevant records shall be maintained by the respective departments and if necessary it may be verified by the university authority at any time. The extension activities shall be conducted outside the regular working hours of the college. The mark sheet shall carry the gradation relevant to the marks awarded to the candidates. This grading shall be incorporated in

the mark sheet to be issued at the end of the semester for which students shall pay the fee for one theory paper. The marks shall be sent to the Controller of Examinations before the commencement of the final semester examinations.

**Marks to be awarded as follows:**

1. 20% of marks for Regularity of attendance.
2. 60% of marks for Active Participation in classes/camps/games/special Camps/Programmes in the college/ District / State/ University activities.
3. 10% of marks for Exemplary awards/Certificates/Prizes
4. 10% of marks for Other Social components such as Blood Donations, Fine Arts, etc

**PASSING MINIMUM**

1. A candidate shall be declared to have passed the whole examination, if the candidate passes in all the theory papers and practical wherever prescribed as per the scheme of examinations by earning 140 credits in Part I, II, III, IV and V. He / She shall also fulfill the extension activity prescribed by earning 1 credit to qualify for the degree.
2. A candidate should get not less than 40% in the University (external) Examination, compulsorily, in any course of Part I, II, and III& IV papers. Also the candidate who secures not less than 40% marks in the external as well as internal (CIA) examinations put together in any course of Part I, II, III& IV shall be declared to have successfully passed the examination in the subject in theory as well as Practical.

**DISTRIBUTION**

Table - 1(A): The following are the distribution of marks for external and internal for University (external) examination and continuous internal assessment and passing minimum marks for theory papers of UG Programmes.

UNI. EXAM TOTAL (ESE)	PASSING MINIMUM FOR UNLEXAM	CIA TOTAL	PASSING MINIMUM FOR CIA	TOTAL MARKS ALLOTTED	PASSING MINIMUM (UNI.EXAM+CIA)
75	30	25	0	100	40

Note: ESE - End Semester Examination

Table - 1(B): The following are the Distribution of marks for Continuous Internal Assessment in the theory papers of UG Programmes.

S.No	For Theory - UG courses	Distribution of Marks	
		Assignments	Tests
1	Assignment-1 (First 2 Units of the Syllabus)	10	-
2	Test-1 (First 2 Units of the Syllabus for 1 Hour duration)	-	50
3	Assignment-2 (3 <sup>rd</sup> & 4 <sup>th</sup> Units of the Syllabus)	10	
4	Test-2 (First 4 Units of the Syllabus for 2 Hours duration)	-	50
5	Assignment-3 ( 5 <sup>th</sup> Unit of the Syllabus)	10	-
6	Test-3 (Entire Syllabus for 3 Hours duration)	-	100
	<b>TOTAL MARKS</b>	<b>30</b>	<b>200</b>
	Marks to be converted to	5	20
	Total Maximum Marks for CIA	25	

Table – 2(A): The following are the distribution of marks for University (external) examinations and continuous internal assessments and passing minimum marks for the practical courses of UG Programmes.

UNI. EXAM TOTAL (ESE)	PASSING MINIMUM FOR UNLEXAM	CIA TOTAL	PASSING MINIMUM FOR CIA	TOTAL MARKS ALLOTTED	PASSING MINIMUM (UNLEXAM+CIA)
75	30	25	0	100	40

Table – 2(B): The following are the distribution of marks for the Continuous Internal Assessment in UG practical courses.

S.No.	For Practical - UG courses	Distribution of Marks	
		Assignments	Tests
1	Regular maintenance of the Observation note book-1 (Up to the end of I-Semester)	10	-
2	Test-1 (Up to the end of I-Semester for 2 Hours duration)	-	25
3	Regular maintenance of the Observation note book-2 (Up to the end of II-Semester)	10	
4	Test-2 (Up to the end of II-Semester for 2 Hours duration)	-	25
5	Regular maintenance & proper completion of the Record note book	10	-
6	Test-3 (Entire Syllabus following University examination pattern)	-	25
	<b>TOTAL MARKS</b>	30	75
	Marks to be converted to	10	15



	Total Maximum Marks for CIA	25	
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### QUESTION PAPER PATTERN

The following question paper patterns shall be followed for CBCS pattern syllabi for the candidates admitted from the academic year 2017-2018 onwards.

External Maximum 75 Marks – wherever applicable (Ext.75 + Int.25 = Total. 100)

Section A	Very short answer questions	10X 2=20	10 questions – 2 from each unit
Section B	Short answer questions of either / or type (like 1a (or) 1b)	5X5=25	5 questions – 1 from each unit
Section C	Essay-type questions / Problem ( Answer any 3 out of 5)	3X10=30	5 questions – 1 from each unit

NOTE: In Section “C” one of the questions shall be application oriented or a problem, wherever applicable.

### GRADING

Once the marks of the CIA and end-semester examinations for each of the course are available, they shall be added. The mark thus obtained shall then be converted to the relevant letter grade, grade point as per the details given below:

Conversion of Marks to Grade Points and Letter Grade (Performance in a Course/Paper)

RANGE OF MARKS	GRADE POINTS	LETTER GRADE	DESCRIPTION
90-100	9.0-10.0	O	Outstanding
80-89	8.0-8.9	D+	Distinction
75-79	7.5-7.9	D	
70-74	7.0-7.4	A+	First Class
60-69	6.0-6.9	A	
50-59	5.0-5.9	B	Second Class
40-49	4.0-4.9	C	Third Class
00-39	0.0	U	Re-appear
Absent	0.0	AAA	Absent

### PROGRAM STRUCTURE

S.NO.	Part	Study Components		Ins hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
<b>SEMESTER I</b>									
1	I	Language	Paper-1	6	4	Tamil/Other Languages	25	75	100
2	II	English (CE)	Paper-1	6	4	Communicative English I	25	75	100

3		III	Core Theory	Paper-1	5	3	Fundamentals of War And Peace	25	75	100
4		III	Core Theory	Paper-2	5	3	Defence Mechanism of India	25	75	100
5		III	ALLIED -1	Paper-1	6	3	Outlines of Political Theory-I	25	75	100
6		III	PE	Paper-1	6	3	Professional English I	25	75	100
7		IV	Environmental Studies		2	2	Environmental Studies	25	75	100
<b>SEMESTER II</b>								<b>CIA</b>	<b>Uni. Exam</b>	<b>Total</b>
8	I	Language	Paper-2	6	4	Tamil/Other Languages	25	75	100	
9	II	English (CE)	Paper-2	4	4	Communicative English I	25	75	100	
10	III	Core Theory	Paper-3	5	3	The Art of Warfare in India upto 15 <sup>th</sup> Century	25	75	100	
11	III	Core Theory	Paper-4	5	3	World military History-I (4 <sup>th</sup> cent. BC to Napoleonic Warfare	25	75	100	
12	III	ALLIED-1	Paper-2	6	5	Outlines of Political Theory-II	25	75	100	
13	II I	PE	Paper-2	6	3	Professional English II	25	75	100	
14	I V	Value Education		2	2	Value Education	25	75	100	

15	I V	Soft Skill		2	1	Soft Skill	25	75	100
<b>SEMESTER –III</b>							<b>CIA</b>	<b>Uni.E xam</b>	<b>Tot al</b>
16.	I	Language	Paper-3	6	4	Tamil/ Other Language	25	75	100
17.	II	English	Paper-3	6	4	English	25	75	100
18.	III	Core Theory	Paper-5	4	4	The Art of Warfare in India Since 16 <sup>th</sup> Century	25	75	100
19.	IV	Core Theory	Paper-6	5	4	World military History-II (Since American War of Independence to World War II)	25	75	100
20.	V	ALLIED -I	Paper-3	5	3	General Economics-I	25	75	100
21.	VI	Skill Based Subject	Paper-1	2	2	Service Commissions in Indian Armed forces	25	75	100
22.	IV	Non-major elective	Paper-1	2	2	Fundamentals of Defence and Strategic Studies	25	75	100

<b>SEMESTER –IV</b>							<b>CIA</b>	<b>Uni.E xam</b>	<b>Tot al</b>
23.	I	Language	Paper-4	6	4	Tamil/ Other Language	25	75	100
24.	II	English	Paper-4	6	4	English	25	75	100
25.	III	Core Theory	Paper-7	5	4	International Relations and Organizations	25	75	100

26.	III	Core Theory	Paper-8	4	3	Limited wars	25	75	100
27.	III	ALLIED -I	Paper-4	5	5	General Economics-II	25	75	100
28.	IV	Skill Based Subject	Paper-2	2	2	Industrial Security	25	75	100
29.	IV	Non-major elective	Paper-2	2	2	Fundamentals National Security	25	75	100
<b>SEMESTER – V</b>							<b>CIA</b>	<b>Uni.E xam</b>	<b>Total</b>
30.	III	Core Theory	Paper-9	6	4	Armed forces and society	25	75	100
31.	III	Core Theory	Paper-10	6	4	Strategic thought	25	75	100
32.	III	Core Theory	Paper-11	6	4	Nuclear Warfare	25	75	100
33.	III	Core Theory	Paper-12	6	4	Defence Economics	25	75	100
34.	III	Internal Elective	Paper-1	3	3	<b>(To choose any 1 out of 3)</b> A. Warfare in independent India  B. Military Geography  C. Essentials of Public Administration	25	75	100
35.	IV	Skill based	Paper-3	3	2	Conflict and Media	25	75	100

		subject							
						<b>SEMESTER – VI</b>	<b>CIA</b>	<b>Uni.E xam</b>	<b>Tot al</b>
36.	III	Core Theory	Paper-13	5	4	National Security of India	25	75	100
37.	III	Core Theory	Paper-14	5	4	Introduction to International Law	25	75	100
38.	III	Core Theory	Paper-15	5	3	Arms Control and Disarmament	25	75	100
39.	III	Compulsory Project	Paper-16	5	5		25	75	100
40.	III	Internal Elective	Paper-2	3	3	(To choose any 1 out of 3) A. Specialized Warfare B. Warfare and Technology C. Elementary Study of the Constitution of India	25	75	100
41.	III	Internal Elective	Paper-3	3	3	(To choose any 1 out of 3) A. Defence Management B. Human Rights C. Terrorism	25	75	100
42.	VI	Skill based subject	Paper-4	3	2	Basics of Defence Journalism	25	75	100
43.	V	Extension Activities		-	1		100	-	100

INTERNAL MARK: 25 EXTERNAL MARK: 75 FOR EXTENSION ACTIVITIES: EXTERNAL MARK: 100

<b>Part</b>	<b>Subject</b>	<b>Papers</b>	<b>Credit</b>	<b>Total Credits</b>	<b>Marks</b>	<b>Total Marks</b>
Part I	Languages	4	4	16	100	400
Part II	Communicative English & English	4	4	16	100	400
Part III	Allied (Odd Semester)	2	3	6	100	200
	Allied (Even Semester)	2	5	10	100	200
	Electives	3	3	9	100	300
	Core	15	(3-5)	54	100	1500
	Professional English	2	3	6	100	200
	Compulsory Project (Group/Individual Project)	1	5	5	100	100
Part IV	Environmental Science	1	2	2	100	100
	Soft skill	1	1	1	100	100
	Value Education	1	2	2	100	100
	Lang. & Others /NME	2	2	4	100	200

	Skill Based	4	2	8	100	400
Part V	Extension Activities	1	1	1	100	100
	<b>Total</b>	<b>43</b>		<b>140</b>		<b>4300</b>

\*\*\* NON-MAJOR ELECTIVES (Semesters 3 & 4)

SEM	PART	CODE	TITLE	TYPE	HRS	CREDIT
3	IV	FNDS35	Fundamentals of Defence and Strategic Studies	T	2	2
4	IV	FNDS45	Fundamentals National Security	T		

LIST OF ELECTIVE PAPERS

Semester 5 - Paper 1		
A	FEDS55A	Warfare in independent India
B	FEDS55B	Military Geography
C	FEDS55C	Essentials of Public Administration
Semester 6 - Paper 2		
A	FEDS64A	Specialized Warfare of India
B	FEDS64B	Warfare and Technology



C	FEDS64C	Elementary Study of the Constitution
Semester 6 - Paper 3		
A	FEDS65A	Defence Management
B	FEDS65B	Human Rights
C	FEDS65C	Terrorism

### **Programme Objectives**

1. To provide the concepts related to international relations and security.
2. To create awareness on India's contribution to strategic thought.
3. To make student to understand India's Strategic relationship with neighbors
4. To facilitate a thorough knowledge on the internal security issues.
5. To enable critical thinking on issues related to strategic affairs

### **Programme Specific Outcomes**

1. Evaluate national security threats and challenges using comprehensive analytical frameworks, demonstrating a mastery of strategic assessment skills.
2. Design and formulate effective defence strategies by applying critical thinking and problem-solving abilities to complex security scenarios.
3. Demonstrate advanced knowledge of military doctrine, tactics, and technologies, enabling effective planning and execution of military operations.
4. Analyse and synthesize information from diverse sources to develop evidence-based policy recommendations for national defence and security decision-makers.
5. Communicate complex defence and strategic concepts persuasively through oral presentations and written reports, showcasing advanced skills in information dissemination and knowledge transfer.

### **Programme Outcomes**

1. Demonstrate proficiency in evaluating arguments, ideas, and perspectives.
2. Develop the ability to express creativity and articulate complex concepts clearly.
3. Graduates will possess excellent communication skills, particularly in English, which will enable them to express their ideas, arguments, and analyses effectively.
4. Graduates will understand the ethical dimensions and the importance of value-based decision-making.

5. Graduates will be trained in professional skills, including soft skills and value education, which are crucial in all sectors. They will possess teamwork, leadership, and interpersonal skills necessary for successful careers.

**MAPPING OF INSTITUTION OBJECTIVES WITH PEOs**

<b>COLLEGE / PROGRAMME</b>	<b>EDUCATION</b>	<b>EMPLOYABILITY</b>	<b>RESEARCH</b>	<b>ETHICAL AND PROFESSIONAL GROWTH</b>
<b>PE01: EDUCATION</b>	2	2	2	3
<b>PE02: EMPLOYABILITY</b>		2	3	
<b>PE03: RESEARCH</b>	2		3	2
<b>PE04: COMM.SERVICE</b>		3	2	3

**4.6 MAPPING PEOs WITH POs / PSOs**

<b>PEO</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PSO 01</b>	<b>PSO 02</b>	<b>PSO 03</b>	<b>PSO 04</b>	<b>PSO 05</b>
<b>1: EDUCATION</b>	√	√	√			√	√	√	√	√
<b>2: EMPLOYABILITY</b>	√	√		√		√	√	√	√	√
<b>3: RESEARCH</b>	√		√	√		√	√	√	√	√
<b>4: ETHICAL AND PROFESSIONAL GROWTH</b>	√		√	√		√	√	√	√	√

**4.7 MAPPING COURSE OUTCOMES WITH POs / PSOs**

S E M	COURSE CODE	COURSE	P	P	P	P	P	P	P	P	PS	PS
			O 1	O 2	O 3	O 4	O 5	S O 1	S O 2	S O 3	O 4	O 5
1	FLT10	TAMIL I	√	√	√	√	√					
	FLE10	ENGLISH I	√	√	√	√	√					
	FDS11	Fundamentals of War and Peace	√	√	√		√	√	√	√	√	√
	FDS12	Defence Mechanism of India	√	√	√	√	√					√
	FADS13	Outlines of Political Theory-I	√	√	√	√	√			√		
	FES10	Environmental Studies	√	√	√	√	√					
2	FLT20	TAMIL II	√	√	√	√	√					
	FLE20	ENGLISH II	√	√	√	√	√					
	FDS21	The Art of Warfare in India upto 15th Century	√	√	√	√	√	√			√	
	FDS22	World military History-I (4th cent. BC to Napoleonic Warfare	√	√	√	√	√					√



## DETAILED SYLLABUS

Semester	Subject Name	Subject Code	Hrs./Week	Study Components
1	Tamil-I	FLT 10	6	Language I

### Nehf;fk;

1. khzth;fs; ftpijfw;gjpgd; thapyhfmth;fs; ftpijvOjfw;Wf;nfhs;fpwhh;fs;
2. ciueilfw;gjpgd; thapyhfthrf;ff; fw;Wf;nfhs;fpwhh;fs;
3. ehlfk; thrpg;gjpgdhy; khzth;fs; kdk; nkhopnka; %ykhfjq;fs; jpwd;fisntspg;gLfpd;wdh;
4. rpWfijgbg;gjpgdhy; khzth;fs; thrpf;Fk; gof;fj;jpidngWfpd;whh;fs;
5. nkhopj;jpwd; gapw;rpngWtjpd; %ykhfkhzth;fs; nkhopiagpioapd;wpNgrTk; vOjTk; fw;Wf;nfhs;fpwhh;fs;.

### myF - 1 ftpij

1. ghujpahh; - 1. cWjpNtz;Lk;> 2. GJikg;ngz;
2. ghujpjhrd; - Gul;rp;ftp“Ngud;Gnfhz;ltNu”vd;wghly; Kjy; “ftpQDf;Fk; fhjypf;Fk;”vd;wghly; tiu.
3. ftpkzp - MrpaN[hjp - Gj;jUk; Vior; rpWtDk;
4. fz;zjhrd; - ePkpz>ehd; xyp!
5. ftpQh; mwpTkjp - el;Gf; fhyk;
6. ituKj;J - jkpOf;FepwKz;L - \$L
7. K. Nkj;jh - thiokuj;jpd; rgjk;
8. nr. md;dfhK - ehl;Lg;Gwg; ghly;fs; - jhyhl;L>xg;ghhp
9. mg;Jy; uFkhd; - fdTehafd; - mg;Jy; fyhk;

### myF - 2 ciueil

1. cs;Szh;Tfdthfntspg;gLfpwJ - vk;.v];. cja%h;j;jp
2. tPo;e;jMykuk; - fy;fp
3. VohtJmwpT (Nghhpd;wpntw;wpkl;Lk;) - nt. ,iwad;G

### myF - 3 ehlfk;

1. khq;fy;ag; gpr;ir - b.vd;. Rfp. Rg;gpukzpak;

2. rhgk; tpNkhrdk; - K. ,uhkrhkp

### **myF - 4 rpWfij**

1. tisahjgidfs; - ,uh. ee;jNfhghy;

2. xUrpW ,ir - tz;zjhrd;

### **myF - 5 nkhopj;jpwd;**

1. mfuthpirg;gLj;jy;

2. z-d-e> y-s-o> u-w NtWghLmwpjy;

3. jd; tptuf; Fwpg;Gjahhpj;jy;

4. fiyr; nrhy;yhf;fk;

5. xw;Wg;gpiog>njhlh;g;gpiopf;fpvOJjy;

### **,yf;fpatuyhW**

ghlg;gFjpiaxl;ba ,yf;fpatuyhW : 20-Mk; E}w;whz;Lf; ftpQh;fSk;

ftpijSk;>ciueil>ehlfk;>rpWfij.

### **rpwg;G Nehf;fk;**

1.kuG topahd ftpijNghf;Fk; GJtifapyhd Nehf;Fk; fye;j ,r;#oy; ftpij ,yf;fpaj;jpw;F xU jpUg;G Kidahf mike;jJ.

2. khzth;fs; vspjpy; NeNu nghUis czh;e;Jf;nfhs;Sjy; ,jd; %yk; khzth;fs; gbf;Fk; Mw;wiy tsh;j;Jf;nfhs;fpwhh;fs;.

3. khzth;fs; ehlfk; gbg;gjpd; thapyhf jq;fspd; jdpj;jpwik ntspg;gLj;Jtw;F VJthf ,g;ghlg;gFjp mikfpwJ.

4. khzth;fs; rpWfijia gbg;gjpd; thapyhf jq;fspd; jdpj;jpwidia ntspg;gLj;Jtw;F VJthf rpWfij vOJk; Mw;wiy ngWfpwhh;fs;.

5. khzth;fs; nkhopj;jpwid mwptjpd; tpisthf jha; nkhopia gpiopd;wp NgrTk; gpiopd;wp vOJTk; ,yf;fz KiwikAld; vOj fw;Wf;nfhs;fpwhh;fs;.

Semester	Subject Name	Subject Code	Hrs./Week	Study Components
1	English-I	FLE 10	6	English I

### Overview

To understand English better and to improve communication both verbal and written in English language. It helps the students quickly improve the communicative skill.

### UNIT 1-PROSE

1. My greatest Olympic Prize -Jesse Owens
2. The Tree Speaks – Rajagopalachari.C
3. Snake in the Garden – R.K.Narayan
4. Futurology - Aldous Huxley UNIT 2 -POETRY
5. The River - Parthasarathy
6. Ode to Nightingale – John Keats
7. “O Captain, My Captain - Walt Whitman
8. Paper Boat – Rabindranath Tagore

### UNIT 3 -SHORT STORY AND ONE ACT PLAY

1. A Day’s Wait – Ernest Miller Hemingway
2. Little Girls Wiser Than Men - Tolstoy One act play
3. The Bishop’s Candlestick – MormanMckinnel

### UNIT- 4 GRAMMARS AND COMPOSITION

1. Correct usage of Words
2. Vocabulary – Synonyms & Antonyms
3. Abbreviations
4. English for Excellence – Parts of Speech -Modern Avenue
5. Functional English: Creative Writing College Grammar
6. Letter of Application Writing a Resume

### UNIT-5 COMMUNICATION SKILLS

1. Listening Conversation
2. Agreeing and Disagreeing
3. Seeking and giving permission
4. Greetings
5. Introducing oneself to others

### Course Outcome

- After completing this unit students learn new words as well the meaning

- After completing this unit students can taste the poetry and the message students can enhance their four skills
- After completing this unit students learn new words and prefixes and suffixes and learn the grammar for enhancing their language skill
- To read and comprehend a short prose passage
- To learn the meanings of the new words and their usage given in the glossary
- To learn to form new words, antonyms and synonyms using prefixes and suffixes
- To master the essential rules of spelling and grammar
- To learn to write short paragraphs, letters and dialogues

Semester	Subject Name	Subject Code	Hrs./Week	Study Components
1	Fundamentals of War And Peace	FDS11	5	Core Paper I

**Overview:**

On completion of the paper the students will have the ability to understand the concept meaning definition and impact of War and peace.



## **Unit - I: Conceptual Formulation**

- a) Meaning and definition of Defence and Strategic Studies–Its relevance and significance.
- b) Subject content of Defence and Strategic Studies- Its features and relationship with other disciplines of study.
- c) Definition and meaning of basic concepts– War ,Campaign ,Battle ,Strategy ,Tactics ,Security and Defence.

## **Unit - II: History of Warfare**

- a) Historical evolution of Warfare –Salient features of warfare at various historical stages and recent times.
- b) Causes of War.
- c) Principles of War.

## **Unit - III: Typology of Warfare**

- a) Conventional and unconventional wars– Civil wars, Nationalist war, Guerilla war, Insurgency, Limited war and Total war.
- b) ABC Warfare–Atomic, Biological and Chemical warfare.
- c) Hi–tech Warfare– Electronic war and Cyber war.

## **Unit - IV: Peace-Conceptual Formulations**

- a) Concept of peace–Meaning, Definition and Typology of Peace.
- b) Peace movements :Anti-nuclear Movements–CND and soon
- c) Zones of Peace and Nuclear Weapon Free Zones(NWFZ).

## **Unit V: Mechanics of Peace**

- a) Peaceful Settlement of International Disputes and International Court of Justice (ICJ).
- b) Peace Keeping Operations (United Nations Organisation).
- c) Peace Building, Peace Making, and Peace Research.

## **Reference**

1. 1 Philip, T.R., (ed), Roots of Strategy, 1943.
2. 2 Defence and Development, M.C. Shrin
3. 3 Red Coats to Olive green, L.M. Longer
4. 4 War in Modern society, A. Buchan
5. 5 Michael Howard, (ed), The Theory and Practice of War, 1965.
6. 6 D.G. Chandler, The Atlas of Military Strategy: the art, theory and practice of war (London 1978)
7. 7 Fuller, J.F.C., The Foundation of the Science of War (London, 1925)
8. 8 Field Marshal, Montgomery, Viscount. A History of Warfare, (London: Collins 1968).
10. 9 Galtung, Johan, The Struggle for Peace, (Ahmedabad)

### **Course Outcome**

1. Recall the fundamental concepts of War
2. Understand the basic concepts of Defence and Strategic Studies
3. Aware of Principles, causes of war
4. To gain knowledge about peace research
5. Understand the peaceful settlement of International disputes.

Semester	Subject Name	Subject Code	Hrs./Week	Study Components
1	Defence Mechanism of India	FDS12	5	Core Paper II

### Overview

On completing this paper the students will have basic understanding of the Knowledge of the meaning of Organization, Management, managerial Functions and Leadership qualities.

### UNIT – I The Indian Defence Forces

- a) Rank Structure of the Three Services.
- b) Important Training Institution of the Three Services.
- c) Second Line of Defence [Introduction of Border Security Force (BSF), Coast Guard (CG), Central Industrial Security Force (CISF) and Rashtriya Rifles(RR).

### UNIT – II Higher Defence Organizations of India

- a) Power of the President of India with reference to Defence.
- b) Cabinet Committee on Political Affairs (CCPA)
- c) Role and Function of Ministry of Defence.
- d) Composition and Functions of Defence Committees/National Security Council (NSC).
- e) Chief of Staff Committee and Joint Intelligence Committee.

### UNIT-III Army Organization

- a) Organization of Army Headquarters, Role of Chief of Army Staff (COAS) and Principal Staff Officer (PSO).
- b) Static and Field formation of Indian Army.
- c) Arms and Services.
- d) Weapons of Indian Army.

### UNIT-IV Air Force Organization

- a) Organization of Air Force Head quarters Chief of Air force Staff (CAS) and Principal Staff Officer(PSO).
- b) Static and Field formation of Indian Air Force.
- c) Types of Aircrafts.

### UNIT-V Navy Organization

- a) Organization of Naval Headquarters Chief of Naval Staff (CNS) and Principal Staff Officer (PSO).
- b) Static and Field formation of Indian Navy.
- c) Types of Warships.

### TEXT BOOKS:

1 Venkateswaran, A.L., Defence Organisation in India, New Delhi:Government of India,1967.

- 2 Government of India, The Army of India and its Evolution, Calcutta, 1924.
- 3 Ministry of Defence, Government of India, Indian Armed Forces Year Book, (Annual).
- 4 Palit, D.K., Essentials of Military Knowledge, New Delhi, 1989
- 5 Singh, Nagendra, Defence Mechanism of Modern State, New Delhi, 1967.

### Course Outcome

- 1 Discuss Nature and scope of Management process
- 2 Describe Planning and decision making process.
- 3 Explain Organization and Defence organization structure.
- 4 Enumerate the types of Headquarters
- 5 Describe Co-ordination and control process in Army, Navy and Air force.

Semester	Subject Name	Subject Code	Hrs./Week	Study Components
1	OUTLINE OF POLITICAL THEORY I	FADS13	6	Allied I

### Overview

- This paper tries to:
  - a) Give an introduction to the discipline of Political Science.
  - b) Point out the origin of States.
  - c) Sketch various forms of States.
  - d) Point out the importance of Law, Equality and Liberty.
  - e) Examine the spheres of State activity

### UNIT-I Introduction

1. Nature, Scope and Importance of Political Science.
2. Evolution of Political Science.
3. Methodology of Political Science.
4. Political Science and Social Sciences.
5. Politics-Arts or Science.

### UNIT-II State

1. Elements of State.
2. Sovereignty.
3. Nation-States.
4. Democratic States.
5. Non-Democratic States.

### UNIT-III Origin of the State

1. Divine Right Theory.
2. Force Theory.

3. Patriarchal Theory.
4. Matriarchal Theory.
5. Evolutionary Theory.
6. Social Contract Theory.

#### **UNIT-IV Law**

1. Nature of Law.
2. Sources of Law.
3. Kinds of Law.
4. Law and Morality.

#### **UNIT-V Liberty and Equality**

1. Meaning of Liberty.
2. Safe guard of Liberty.
3. Law and Liberty.
4. Meaning and types of Equality.
5. Equality in Modern States.
6. Equality and Liberty.
7. Sphere of State Action (Economic, Social and Cultural)

#### **Reference Books:**

1. Amal Roy and Mohit Bhattacharya: Political Theory: Ideas and Institutions, The World Press, Calcutta, 2002.
2. J.C. Johari : Principles of Modern Political Science, Sterling, New Delhi, 1999
3. A.C. Kapoor : Principles Of Political Science, S.Chand and Co., New Delhi, 2000

#### **Course outcome**

- 1 To learn about basics of Political theory
- 2 Understand about State
- 3 Identify the origin of the State
- 4 Acquire knowledge about Law
- 5 To know about Liberty and Equality

Semester	Subject Name	Subject Code	Hrs./Week	Study Components
1	Environmental Studies	FES 10	2	EVS

**Overview:**

To ensure the students are aware of the environment and impact and history of environmental issues

**UNIT-I: INTRODUCTION TO ENVIRONMENTAL SCIENCES: NATURAL RESOURCES:**

Environmental Sciences - Relevance - Significance - Public awareness - Forest resources-Water resources - Mineral resources - Food resources - conflicts over resource sharing-Exploitation - Land use pattern - Environmental impact - fertilizer - Pesticide Problems- Case studies

**UNIT-II: ECOSYSTEM, BIODIVERSITY AND ITS CONSERVATION:**

Ecosystem - concept - structure and function - producers, consumers and decomposers - Food chain - Food web - Ecological pyramids - Energy flow - Forest, Grassland, desert and aquatic ecosystem.

Biodiversity - Definition - genetic, species and ecosystem diversity - Values and uses of biodiversity - biodiversity at global, national (India) and local levels - Hotspots, threats to biodiversity - conservation of biodiversity - Insitu & Exsitu.

**UNIT-III: ENVIRONMENTAL POLLUTION AND MANAGEMENT**

Environmental Pollution - Causes - Effects and control measures of Air, Water, Marine, soil, solid waste, Thermal, Nuclear pollution and Disaster Management - Floods, Earth quake, Cyclone and Landslides. Role of individuals in prevention of pollution - pollution case studies

**UNIT-IV: SOCIAL ISSUES - HUMAN POPULATION**

Urban issues - Energy - water conservation - Environmental Ethics - Global warming - Resettlement and Rehabilitation issues - Environmental legislations - Environmental production Act 1986 - Air, Water, Wildlife and forest conservation Act - Population growth and Explosion - Human rights and Value Education - Environmental Health - HIV/AIDS - Role of IT in Environment and Human Health - Women and child welfare - Public awareness - Case studies.

**UNIT-V: FIELD WORK**

Visit to a local area / local polluted site / local simple ecosystem - Report submission

**Course outcome:**

1. They will be able to understand the fundamental physical and biological principles that govern natural process
2. They will be able to get idea about ecosystem of food chain and food wweb
3. They will be able to creating the awareness about environmental pollution
4. They will be get knowledge about environmental production act 1986
5. Formulate action plan for sustainable alternative that integrates science, humanist, and social perspectives

Semester	Subject Name	Subject Code	Hrs./Week	Study Components
2	TAMIL II	BLT 20	6	Language II

**Nehf;fk;**

1. khzth;fs; tho;f;ifapy; mwk;>xOf;fk; rhh;e;jnray;ghLfspy; jq;fis ,izj;Jf;nfhs;tjw;F gf;jpkhh;f;fk; Jizg; Ghpfpd;wj.
2. khzth;fs; ehad;kh;fis fw;g;gpdhy; rptDilangUikfismwpe;Jf;nfhs;fpd;wdh;.
3. khzth;fs; Mo;thh;fisg;bg;g;gdhy; jpUkhy; ngUikfis njhpe;Jf;nfhs;fpd;wdh;.
4. khzth;fs; rpw;wpyf;fpaq;fis thrpg;g;gpdhy; 96 tifahd rpw;wpyf;fpaq;fisg; gw;wp Ghpe;Jf;nfhs;fpd;wdh;.
5. nkhopj;jpwd; gapw;rpngWtjpd; thapyhf khzth;fs; nghJf;fl;Liufs; vOJtjw;Fg; gapw;rp;ngWfpwhh;fs;.

**myF - 1**

m. jpUQhdrk;ge;jh; - Njthuk; - jpUtPopkpoi; - thrpjPuNt

(KOtJk;)

M. khzpf;fthr;fh; - jpUthrfk; - gpbj;jgj;J (mk;ikNa>mUSil>

xg;Gdf;F>ghrNth;>ghy;epide;J)

.. jpU%yh; - jpUke;jpuk; - (clk;gp;idKd;dk;>ahth;f;Fkhk;>

xd;NwFyKk;>cs;sk; ngUq;Nfhapy;>Mh;f;Fk;)

**myF - 2**

m. Mz;lhs; - jpUg;ghit (Kjy; 5 ghly;fs;)

M. njhz;lubg;

nghbaho;thh; - jpUg;gs;spnaOr;rp (Kjy; 5 ghly;fs;)

.. FyNrfuho;thh; - ngUkhs; jpUnkhop> 4-Mk; jpUnkhop>

CNdWnry;tk; ... (Kjy; 5 ghly;fs;)

### **myF - 3**

m. jkpo;tpLJ}J - fz;zp 69 Kjy; 90 tiu

M. jpUf;fapyhaQhdscyh - 1 Kjy; 10 fz;zpfs; tiu

.. jQ;irthzd; Nfhit - 1 Kjy; 5 ghly;fs;

### **myF - 4**

m. ,uhkypq;fmbfs; - jpUtUl;gh - gps;isr; rpWtpz;zg;gk;

M. vr;.V. fpU\;zg;gps;is - ,ul;rz;aahj;jphpfk; - Fkhug;gUtk; -

,ul;rzparhpjg; glyk;

.. Fzq;Fb k};jhd;rhfpG - k};jhd; rhfpGghly;fs; - guhguf; fz;zp

(1-40 fz;zpfs;)

<. Kj;njhs;shapuk; - 9 ghly;fs;

### **myF - 5**

m. Neh;fhzy;

M. nghJf;fl;Liufs;

### **rpwg;G Nehf;fk;**

1. khzth;fs; jkpo; ,yf;fpaj;jpy; mbahh;fspd; jkpo;g;gw;iwAk; irtj;jpUKiwfs;  
gd;dpnuz;LFwpj;Jk;mwpe;Jf;nfhs;fpwhh;fs;

2. khzth;fs; ehad;khk;fs;>rpj;jh;fspd; tho;f;iftuyhw;iwAk; mth;fs; ghhaghly;fisAk;  
mwpe;Jf;nfhs;fpwhh;fs;.

3. ehyhapujpt;agpuge;jj;jpy; Mo;thh;fspd; tho;f;iftuyhw;iwnjhpe;Jf;nfhs;tJld; tho;f;ifapy;  
gpd;gw;wTk; nra;thh;fs;.

4. rq;f ,yf;fpaq;fspd; jdpq;ghly;fshftUfpd;wrpw;wpyf;fpaq;fiskhzth;fs; gpioapd;wpvOjTk; gbf;fTk;  
nra;thh;fs;.

5. khzth;fs; J}J>cyh>NfhitMfparpw;wpyf;fpafiffismwpe;Jf;nfhs;fpwhh;fs;

6. khzth;fs; rkak; Fwpj;jk; fpwpj;Jtk;> ,j;yhkpak; Mfparka E}yfsy; \$Wk; tuyhw;Wr;  
nra;jpfismwpe;Jf;nfhs;fpwhh;fs;.



7. khzth;fs; nghJf;fl;Liu vOjTk;> gy;Jiwapy; Njh;r;rpg;ngw;w MSikfis Neh;fhzy; nra;jy; vg;gb  
vd;gid njhpe;Jf;nfhs;fpwhh;fs;.

Semester	Subject Name	Subject Code	Hrs./Week	Study Components
2	English-II	BLE 20	6	English II

#### **Overview**

1. To understand English better and to improve communication both verbal and written in English language.
2. To analyze and understand different literary forms like drama, poetry, short-story and one-act play.
3. To learn and understand the elements of grammar.

#### **UNIT – 1 PROSE**

1. Ant and Grasshopper - Somerset Maugham
2. Early Influences - A.P.J. Abdul Kalam
3. Forgetting – Robert Lynd
4. The Unity of Indian Culture – Humayan Kabir

#### **UNIT -2 POETRY**

1. The Soul's Prayer. - Sarojini Naidu
2. The Lotus - Toru Dutt
3. Nutting – William Wordsworth
4. Ozymandias- P.B.Shelley

#### **UNIT-3 SHORT STORY AND ONE ACT PLAY**

1. The Doll's House - Katherine Mansfield
2. Karma - Kushwant Singh

#### **One Act Play**

1. Hijack -Charles Wills

#### **UNIT -4 Vocabularies**

1. Functional Grammar
2. Functional English

#### **UNIT-5 COMMUNICATION SKILLS**

1. Making Request
2. Offering Help
3. Inviting Someone

4. Asking Permission

## REFERENCES

1. Resources-1, Prescribed by Thiruvalluvar University

### Course outcome

1. Students will learn new words as well its meaning and the students can gain an introductory knowledge of the issues explored in influential works.
2. Students can understand the basic terminology and practical elements of poetry.
3. Students will learn to practice oral and storytelling skills by sharing a story with the class and also finalize the draft for the module story and perform it.
4. Student will be able to learn to form new words, antonyms and synonyms using prefixes and suffixes.
5. Student will learn to make new dialogues, letters (formal & informal) and to write short paragraphs.

Semester	Subject Name	Subject Code	Hrs./Week	Study Components
2	THE ART OF WARFARE IN INDIA UP TO THE 15 <sup>TH</sup> CENTURY	FDS21	5	Core Paper III

### Overview:

On completion of this paper the student will have sound background of early to Mughal  
Military traditions

### Unit - I: Warfare in Ancient India

- a) Types of Wars during Vedic period.
- b) Alexander's invasion of India (Battle of Hydaspes).
- c) Causes of Alexander's Victory.
- d) Causes of Porus "Defeat.

## **Unit - II: Military System of the Mauryan Period**

- a) Battle of Kalinga and its Significance.
- b) Military Organization of Maurayas
- c) Kautilya's Arthashastra-  
Philosophies on War, Peace, Fort, Espionage and Diplomacy.

## **Unit - III: Military System of the Gupta Period**

- a) Introduction to the Gupta Dynasty.
- b) Military Organization of the Guptas.
- c) Military organization of Harsha Vardhana.

## **Unit - IV: Rajput Military System**

- a) Rajput challenge to the Arab Conquests- Battle of Rawar.
- b) Muhammad Ghori's Conquest of India-Battle of TerrainIand II.
- c) Causes of downfall of Rajputs in the Middle Ages.

## **Unit - V: Military System inSouth India.**

- a) Political Powers of South India in the Medieval Period.
- b) Military Organization of the Pallavas and the Pandyas.
- c) Military achievements of Chola and Chera Emperors.

## **Reference books**

- 1 Majumdar, R.C., An Advanced History of India, New York: St. Martin, 1967.
- 2 Malleon, G.B., The Decisive Battles of India, London: W.H. Allen, 1885) Saxena, K.L. M., Military System of India-1850-1900, Delhi' 1976.
- 3 Roy, Koushik., From Hydespato Kargil: A History of Warfare in India from 326 B.C. to A.D 1999, Delhi: Manohar, 2004.
- 4 Anjori Nirmal, The Decisive Battles of Indian History, Jaipur: Pointer Publications, 1999.
- 5 Sarkar ,Jadunath Military History of India, Bombay: Orient Longmans, 1970.
- 6 Das, S.T., Indian Military: Its History and Development, Allahabad: Kitab Mahal, 1979.
- 7 V.R.R. Dikshitar, Wars in Ancient India, 1948.

**Course outcome**

On the successful completion of the course, student will be able to:

- 1 Acquire knowledge about Vedic and Epic military traditions
- 2 To learn about Mauryan Military system
- 3 Understand Tamil military system
- 4 To gain knowledge about Guptas and Harshavardhanas
- 5 To know the concept of Rajputs.

Semester	Subject Name	Subject Code	Hrs./Week	Study Components
2	WORLD MILITARY HISTORY – I (4 <sup>th</sup> Century BC to Napoleonic Era)	FDS23	5	Core Paper IV

**Course Objectives**

On successful completion of the paper, the candidates will be able to appreciate the evolution of warfare from early times.

**UNIT 1: Greek Warfare**

- a) Military system of the Greeks.
- b) Greeco Persian Wars – with special reference to the Battles of Marathon, Thermopyle and Salamis.
- c) Peloponnesian Wars.

**Unit:2 Roman Warfare**

- a) Military System of the Romans
- b) Punic wars (Battle of Cannae and Zama)
- c) Campaigns of Julius Caesar

**Unit:3 Warfare in the Middle Ages**

- a) Crusades - Age of velour
- b) Mongol Military System
- c) Advent of gunpowder and its impact on warfare

**Unit:4 Warfare During16thand17thCenturies**

- a) Development of weapons during 16th and 17th centuries
- b) Reforms of Gustavus Adolphus
- c) Siegecraft and fortification - Vauban
- d) Rise of Professional Armies and Navies.

**Unit:5 Napoleonic Warfare**

- a) French Revolution–Causes and Outcome.
- b) Rise of Napoleon.
- c) Napoleon’s Art of Warfare.
- d) Battles of Trafalgar and Waterloo.

**Reference**

- 1 Howard,Michael.War inEuropean History,Oxford: OxfordUniversityPress,1977.
- 2 Keegan, John.AHistoryofWarfare,NewYork:Vintage,1993
- 3 Fuller,J.F.C.,AMilitaryHistoryoftheWesternWorld,NewYork:FunkandWagnall’s Company,1955. 4 Neilberg,Michaels.WarfareinWorldHistory,London/NewYork:Rutledge,2001.
- 1) 5 AndreCorviser,(ed.),ADictionaryofMilitaryHistory,Oxford:BlackwellPublishers,1994
- 6 DupeyandDupey,EncyclopediaofMilitaryHistory.
- 2) 7 Wood house - Tutorial History of Greece
- 8 Alcroft and Mason - Tutorial History of Rome

**Course Outcome**

On the successful completion of the course, student will be able to:

- 1 Understand The Basic concepts of Greek military system.
- 2 To learn about Romans military traditions.
- 3 Understand about Mongols.
- 4 Acquire knowledge about 16th and 17th Century armies.

5 Grasp knowledge about the French revolution.

Semester	Subject Name	Subject Code	Hrs./Week	Study Components
2	OUTLINES OF POLITICAL THEORY II	FADS13	6	Allied II

Overview:

This paper tries to:

1. Sketch the features of Democratic States.
2. Outline the structure and functions of the Legislative System.
3. Outline the structure and functions of the Executive System.
4. Outline the structure and functions of the Judicial System.
5. Describe the linkages of various systems in a Democratic State.

#### **UNIT-I Democratic State**

1. Definitions of Democracy.
2. Representative Democracy.
3. Direct Democracy.
4. Theories of Representation.
5. Elections.

#### **UNIT-II Legislature**

1. Functions of Legislature.
2. Theories of Suffrage.
3. Constituencies.
4. Unicameral Legislature.
5. Bicameral Legislature.

#### **UNIT-III Executive**



1. Parliamentary Executive.
2. Presidential Executive.
3. Collective Executive.
4. Dictatorship.
5. Military Governance.
6. Executive Functions.

#### **UNIT-IV Judiciary**

1. Functions of Judiciary.
2. Independence of Judiciary.
3. Rule of Law.
4. Administrative Law.
5. Judicial Activism.
6. Alternative Disputes Mechanism.

#### **UNIT-V Political Participation**

1. Political Parties.
2. Public Opinion.
3. Pressure Groups.
4. Mass Media.
5. Electronic Media.

#### **Reference Books:**

- 1 Amal Roy and MohitBhattacharya:Political Theory: Ideas and Institutions,TheWorldPress,Calcutta,2002.
- 2 J.C.Johari :ModernConstitutions,S.Chandand Co.New Delhi,1990

#### **Course Outcome:**

On the successful completion of the course, student will be able to:

- 1 To learn about democratic state.
- 2 Understand about Legislature.
- 3 Understand about Executive.
- 4 Acquire knowledge about Judiciary.
- 5 To know about Political Participation

Semester	Subject Name	Subject Code	Hrs./Week	Study Components
2	Value Education	BGA 20	2	Value Education

Overview:

Full development of students' personality in its physical ,mental, emotional and spiritual aspects.

#### **UNIT-I**

Value Education - Definition - relevance to present day - Concept of Human Values - self introspection - Self-esteem.

#### **UNIT-II**

Family values - Components, structure and responsibilities of family - Neutralization of anger - Adjustability - Threats of family life - Status of women in family and society - Caring for needy and elderly - Time allotment for sharing ideas and concerns.

#### **UNIT-III**

Ethical values - Professional ethics - Mass media ethics - Advertising ethics - Influence of ethics on family life - psychology of children and youth - Leadership qualities - Personality development.

#### **UNIT-IV**

Social values - Faith, service and secularism - Social sense and commitment - Students and Politics - Social awareness, Consumer awareness, Consumer rights and responsibilities - Redressal mechanisms

## **UNIT-V**

Effect of international affairs on values of life/ Issue of Globalization - Modern warfare - Terrorism, Environmental issues - mutual respect of different cultures, religions and their beliefs

### **Reference Books**

1. T. Anchukandam and J. Kuttainmathathil (Ed) Grow Free Live Free, Krisitu Jyoti Publications, Bangalore (1995)
2. Mani Jacob (Ed) Resource Book for Value Education, Institute for Value Education, New Delhi 2002.
3. DBNI, NCERT, SCERT, Dharma Bharti National Institute of Peace and Value Education, Secunderabad, 2002.
4. Daniel and Selvamony - Value Education Today, (Madras Christian College, Tambaram and ALACHE, New Delhi, 1990)
5. S. Ignacimuthu - Values for Life - Better Yourself Books, Mumbai, 1991.
6. M.M.M.Mascaronhas Centre for Research Education Science and Training for Family Life Promotion - Family Life Education, Bangalore, 1993.

### **WEBSITES AND e-LEARNING SOURCES:**

[www.rkmissiondhe.org/education.html/](http://www.rkmissiondhe.org/education.html/)

[www.clallam.org/lifestyle/education.html/](http://www.clallam.org/lifestyle/education.html/)

[www.sun.com/./edu/progrmws/star.html/](http://www.sun.com/./edu/progrmws/star.html/)

[www.infoscouts.com](http://www.infoscouts.com)

[www.secretofsuccess.com](http://www.secretofsuccess.com)

[www.1millionpapers.com](http://www.1millionpapers.com)

<http://militaryfinance.umuc.edu/education/edu-network.html/>

### **Course Objectives**

1. Compare the relationship between education and values.
2. Design the family value are traditional of or cultural values to compare the family structure
3. Plan ethics value that compare use to determine what is right or wrong in different random situations.
4. Identify the set of moral principles use by society dynamics, institution ,traditions and cultural beliefs.
5. Compare& Contrast international relations do not affect our daily lives directly .

<b>Semester</b>	<b>Subject Name</b>	<b>Subject Code</b>	<b>Hrs./Week</b>	<b>Study Components</b>
2	Soft Skill	BSS 20	2	Soft Skill

Overview:

- Recognize major concepts in soft skills and demonstrate in-depth understanding of the skills.
- Develop analytical skills, critical thinking, and demonstrate problem-solving skills using scientific techniques.

- Demonstrate the knowledge and training for entering graduate or professional schools, or the job market.

## **UNT I**

- 1.1 Skills in Listening and Writing
- 1.2. Skills in Reading and Understanding

## **UNIT II**

- 2.1 Skills to Read and Respond to Instructions
- 2.2 Skills of Interpretation and Transcoding Information

## **UNIT III**

- 3.1 Skills in Seeking and Responding to Information
- 3.2 Skills of Day-to-Day communication

## **UNIT IV**

- 4.1 Grammatical skills and Spelling rules
- 4.2 Career skills

## **UNIT V**

- 5.1 Skills of formal and in-formal rules
- 5.2 Skills of non-verbal communication

## **Course Outcome**

1. They will be able to understand the fundamental physical and biological principles that govern natural processes.
2. They will be able to get ideas about the ecosystem of the food chain and food web.
3. They will be able to creating the awareness about environmental pollution
4. They will get knowledge about environmental production act 1986.
5. Formulate an action plan for sustainable alternatives that integrates science, humanist, and social perspectives.

Semester	Subject Name	Subject Code	Hrs./Week	Study Components
3	THE ART OF WARFARE IN INDIA SINCE 16th CENTURY	FDS31	5	Core Paper V

**Overview:**

The main objectives of this course are to:

Will have sound background of Maratha Military System to British Indian Armed Forces.

**Unit - I: Military System of the Mughals**

- a) Foundation of the Mughal Empire (Battle of Panipat I)
- b) Consolidation of the Empire (Battle of Panipat II)
- c) The Mughal Military Organization, Weapon System and Art of War.

**Unit - II: The Maratha Military System**

- a) The Military Organization of Shivaji.
- b) Development of Guerilla Warfare and its Characteristics.
- c) The Maratha Navy under KanohjiAngre.

**Unit - III: The Sikh Military System**

- a) Rise of Sikhism and its Philosophy.
- b) Guru Govind Singh's KhalsaPanth.
- c) The Military Organizations of the Sikhs under Maharaja Ranjit Singh.

#### **Unit - IV: The Advent of Europeans in India**

- a) The Early European Settlers.
- b) Conquest of Bengal (Battle of Plassey).
- c) The rise of Presidency Armies.

#### **Unit - V: British Conquest of India**

- a) The decline of the Marathas (Battle of Panipat III)
- b) The First War of Independence and the Great Mutiny 1857.- Causes, Course and Consequences.
- c) The Military Reforms under the British Crown.

#### **Reference Books**

- 1 Majumdar,R.C., An Advanced History of India, New York: St.Martin, 1967.
- 2 Malleson, G.B., The Decisive Battles of India, London:W.H.Allen, 1885
- 3 Saxena,K.L.M., Military System of India-1850-1900, Delhi'1976
- 4 Roy, Koushik, From Hydespas to Kargil: A History of Warfare in India from 326 B.C. to A.D 1999, Delhi: Manohar, 2004.
- 5 AnjoliNirmal, The Decisive Battles of Indian History, Jaipur: Pointer Publications, 1999
- 6 Sarkar, Jadunath, Military History of India, Bombay: Orient Longmans, 1970.
- 7 Das, S.T., Indian Military: Its History and Development, Allahabad: KitabMahal, 1979.
- 8 V.R.R. Dikshitar, Wars in Ancient India,1948.

#### **Course Outcome:**

On the successful completion of the course, student will be able to:

- 1 Acquire conceptual knowledge of Shivaji Military system.
- 2 Understand basic concepts of Sikh army.

3 To learn about Development of Presidency armies.

4 Gain knowledge about Indian army during world wars.

5 Equip knowledge about nationalization of armies.



<b>Semester</b>	<b>Subject Name</b>	<b>Subject Code</b>	<b>Hrs./Week</b>	<b>Study Components</b>
<b>3</b>	<b>World Military History II (Since American War of Independence to World War II)</b>	<b>FDS32</b>	<b>5</b>	<b>Core Paper VI</b>

**Objective:**

The main objectives of this course are to:

On completion of the paper, the students will be in a position to analyse the cause for war in modern period.

**UNIT-I AMERICAN MILITARY EXPERIENCE**

- a) American war of Independence - 1776 -1782
- b) American Civil war - 1861 -1865
- c) Spanish American war - 1898- 1900.

**UNIT-II WORLD WAR I**

- a) Causes

b) Trench warfare

c) Mobile warfare - Battles of Somme and Cambrai

### **UNIT-III DEVELOPMENT OF WARFARE DURING INTER WAR PERIOD**

a) Land Warfare

b) Sea Warfare

c) Air warfare.

### **UNIT-IV WORLD WAR II**

a) Causes

b) Development of armored warfare

c) The Blitzkrieg

### **UNIT-V WORLD WAR II**

a) Desert warfare

b) Role of Naval Power - Battle of Midway

c) Role of Air power - Battle of Britain

d) Consequences.

### **Reference Books:**

1 Reid, Brain Holden, The Origin of American Civil War, (London: 1996).

2 Parish, Peter, The American Civil War, (London: 1975).

3 Falls, Cyril, The First World War (London: 1960).

4 Strachan, Hew (ed). The Oxford Illustrated History of the First World War (Oxford: 1998).

5 Dupey and Dupey, Encyclopedia of Military History.

6 Posen, B.R., The Sources of Military Doctrine, Cornell University Press, (Ithaca: 1984).

7 Fuller, J.F.C., the Decisive Battles.

**Course Outcome**

On the successful completion of the course, student will be able to:

1 To learn about nature and source of Trench warfare

2 Understand about American Military system

3 Identify the causes of WWI

4 Acquire knowledge about World War II

5 To know about Battles during WWII

<b>Semester</b>	<b>Subject Name</b>	<b>Subject Code</b>	<b>Hrs./Week</b>	<b>Study Components</b>
<b>3</b>	<b>GENERAL ECONOMICS I</b>	FADS33	<b>6</b>	<b>Core Paper VII</b>

**Overview:**

To provide a framework of knowledge relating to the concepts and practice of Economics in Indian context and to make the students understand the application of Economic principles in the

strategic sector. Also, to provide insight on the most pressing issue “Demand for Defence Expenditure” i.e. the right size of Defence Budget.

### **Unit - I**

Economic Analysis - Basic Problems of Economy - Economic Systems - Capitalism - Socialism - Mixed Economy - Communalism - Role of Government.

### **Unit - II**

Concept and Management of National Income - Problems of Measurement - Trends in National Income and Planning.

### **Unit - III**

Market Mechanism - Law of Demand and Supply - Elasticity of Demand - Elasticity Measurement - Uses - Limitations.

### **Unit - IV**

Market Forms - Perfect Competition - Monopoly - Discriminative Monopoly - Monopolistic Competition - Wastes of Monopolistic Competition.

### **Unit - V**

Defence Economics - Economics of Conflict and Terrorism - Scope and Definition - Micro and Macro Economic impact - Disarmament and Peace.

### **Reference Books:**

- 1 Dr. S. Sankaran, Micro Economics.
- 2 M.L. Jhingan, Micro Economics
- 3 Dutt and Sundaram, Indian Economy.
- 4 Defence Economics,

### **Course Outcome**

On the successful completion of the course, student will be able to:

- 1 To learn about an introduction to the discipline of Economics.
- 2 Understand about the concepts used in Economics
- 3 Identify the various Mechanisms in economics.
- 4 Acquire knowledge about importance of market forms

5 To know about economics related to Defence

Semester	Subject Name	Subject Code	Hrs./Week	Study Components
3	SERVICE COMMISSIONS IN INDIAN ARMED FORCES	FSDS34	2	Skill Based Subject

**Unit-I: Recruitments in Indian Army, Navy and Air force**

- a) Short Term Service –Army
- b) Short Term Service – Navy
- c) Short Term Service - Air force
- d) Para Military Services
- e) Coastal Security Guard

**Unit-II: Recruitment into Police forces**

- a) TN Police Force – Constable and Sub-Inspector.
- b) TNPSC – Group I
- c) UPSC – IPS
- d) TNPSC – Other services
- e) UPSC – Other services

**Unit-III: GENERAL KNOWLEDGE I (Indian History and Other Facts)**

- a) Indian History
- b) Facts about India

- c) Indian Constitution
- d) Civic Life
- e) National Movement

**Unit-IV: GENERAL KNOWLEDGE II (World History)**

- a) Countries of the World
- b) World Organizations
- c) Physical Geography
- d) World Geography
- e) Industrial Geography

**Unit-V: GENERAL KNOWLEDGE III (India)**

- a) Geography of India
- b) Sports and Awards.
- c) Books and Authors
- d) Indian Culture
- e) Economics and Commerce

**Reference Books:**

- 1 Manorama Year book
- 2 Civil Services Chronicle
- 3 Unique Guide for Civil Service Prelims.

**Course Outcome**

- 1 Understanding the key concepts of the service commission's opportunities in Indian Armed forces
- 2 To learn about. the opportunities in Tamil Nadu Police forces.
- 3 Discuss Matters to be stated in the content of the Basic tenants of Indian History.
- 4 To know about the basics of World history
- 5 Acquire knowledge about current affairs

Semester	Subject Name	Subject Code	Hrs./Week	Study Components
3	FUNDAMENTALS OF DEFENCE AND STRATEGIC STUDIES	BACP35	2	Skill Based Subject

**Overview:**

To introduce the discipline of Defence and Strategic Studies – its content, relevance and importance in the contemporary world and its fundamental goals and its relationship with other disciplines

**Unit I : Introduction and Conceptual Formulations**

- a) Introduction to the discipline of Defence and Strategic Studies – Contents – Relationship with other disciplines – Relevance and Significance.
- b) Basic Concepts of War, Battle and Campaign.
- c) Definition of Security, Defence, Strategy and Peace.

**Unit II: History of Warfare**

- a) Historical Evolution of Warfare – Its Features and Significance.
- b) Principles, Causes and Functions of War.
- c) Types of War – and Scope

**Unit III : Basic of International Relations**

- a) Introduce to IR Nature and Scope of International Relations; and Features of International Political System- Structure of international Political System (Uni, Bi and Multi Polar)
- b) Basic Concept Actors in International Political System – State and Non – State actors; World government (UNO)
- c) Security features in the International Political system – Collective security, Balance of power, Hegemony, Regionalism, etc.

**Unit IV: Introduction to Peace**

- a) Meaning and Definition of peace; typology and peace;
- b) Approaches to peace – Disarmament, International Law;
- c) Peace movement, peace research, peace-making, peace building, peace keeping

**Unit V: Mechanics of Peace**

- a) Role and function of International organizations – League of Nations, UNO;
- b) Amicable means to settle Inter-state conflicts;
- c) Diplomacy-Scope and Function; type of diplomacy – its features.

**REFERENCES**

1 Field Marshal Montgomery, Viscount, A History of Warfare, London: Collins, 1968

2 Palmer, N.D. and H.C. Perkins, International Relations, Boston: Houghton Mifflin, 1953.

3 Margenthau, H.J., Politics among Nations: The Struggle for Power and Peace, Calcutta: Scientific



Book Agency' 1972

4 Waltz, K., Man, the State, and War: A Theoretical Analysis, New York: Columbia University Press, 1959

5 Johan, Galtung, The Struggle for Peace, Ahmedabad: Gujarat VidyaPith, 1985.

6 Chopra, Jarat (ed), The Politics of Peace - Maintenance, New York: 1998

### **COURSE OUTCOME**

On the successful completion of the course, student will be able to:

- 1 To learn about the basic concepts and definitions in Defence studies.
- 2 Understand about the historical evolution and types of warfare.
- 3 Identify the Basic Concepts in International Relations.
- 4 Acquire knowledge about the meaning and approaches towards peace.
- 5 To know about peace mechanism

<b>Semester</b>	<b>Subject Name</b>	<b>Subject Code</b>	<b>Hrs./Week</b>	<b>Study Components</b>
<b>4</b>	<b>INTERNATIONAL RELATIONS AND ORGANIZATIONS</b>	<b>FDS41</b>	<b>6</b>	<b>Core VII</b>

**Overview:**

The main objectives of this course are to:

After completing the paper the students will understand the types of war prevalent in the world.

### **UNIT-I Introduction to International Relations**

- a. Concepts, Features and Scope of State, Nation and Nation-state.
- b. National Power and Components of National Power.
- c. Approaches to International Relations, Mainstream Theories: Idealism and Realism.

### **UNIT-II Power Systems in International Relations**

- a. Definition, Meaning, and Scope of International Power Structure: Uni – polar, Bi – Polar and Multi – Polar.
- b. Meaning and Definitions of Balance of Power, Characteristics of Balance of Power, Techniques of Balance of Power.
- c. Collective Security.

### **UNIT-III Diplomacy and Foreign Policy**

- a. Meaning, Definitions, Objectives and Scope of Diplomacy, Types of Diplomacy.
- b. Meaning and Definitions of Foreign Policy, Determinants of Foreign Policy.
- c. Meaning and Definitions of National Interest.

### **UNIT-IV International Organization and Scope**

- a. Origin, Growth and Functions of International Organizations.
- b. Origin, Organization and Functions of the League of Nations, Failure of the League of Nations.
- c. Origin, Aim, Structure, Scope and Functions of the United Nations Organisation.

### **UNIT-V Regional Organization**

- a. Origin, Development and Functions of Regional Organizations – its relevance and utility.
- b. Origin, Objectives, Development and Functions of SAARC.
- c. Origin, Objectives, Developments and Functions of ASEAN.
- d. Origin, Development and Current Status of the European Union.

### **Text and Reference Books:**

- 1 Palmer, N.D. and H.C. Perkins, International Relations, Boston: Houghton Mifflin, 1953.
- 2 Jackson, R. and G. Sorensen, Introduction to International Relations: Theory and Approaches,

3 Oxford: Oxford University Press, 2003. Frankel, J., *International Relations in a Changing World*, London: Oxford University Press,

1977. 4 Nicholson, M., *International Relations: A Concise Introduction*, New York: Palgrave, 2002.

5 Chatterjee, Aneek, *International Relations Today: Concept and Applications*, New Delhi: Pearson, 2010.

6 Johari, J.C., *International Relations and Politics*, New Delhi: Sterling Publishers, 1985.

7 *Theories of Terrorism*, Anand V.K

8 *Guerilla Warfare*, Mao

### **Course Outcome**

1 Enabling the students to understand the features of Psychological warfare.

2 Develop an understanding about Biological warfare

3 To give an exposure Chemical warfare

4 To provide knowledge on a Nuclear warfare

5 To get an idea about Terrorism

<b>Semester</b>	<b>Subject Name</b>	<b>Subject Code</b>	<b>Hrs./Week</b>	<b>Study Components</b>
<b>4</b>	<b>LIMITED WAR</b>	FDS42	<b>6</b>	<b>Core-VIII</b>

**Overview:**

The main objectives of this course are to:

After going through this paper students will have an understanding of wars that were fought after the end of world war- II

**UNIT - I KOREAN WARS**

- a) Concept, meaning and scope of limited wars
- b) Causes of Korean war
- c) Main events
- d) Role of UNO

**UNIT – II VIETNAM WAR**

- a)Causes
- b)Main events
- c)Lessons learnt

**Unit:3 ARAB ISRAELI WARS , 1967 & 1993**

- a) Causes
- b) Main Events

c) Role of Airpower

d) Lessons learnt

#### **Unit:4 IRAN - IRAQ WAR**

a) Causes

b) Highlights of the war

c)Result and lessons learnt

#### **Unit:5 Gulf War I & II**

a) Causes

b) Highlights of the war

c)Role of the UN

#### **Reference**

1 Hastings, Max, The Korean War, (London: 1987)

2 Herring, George, America's Longest War (New York, 1996)

3 Fraser, T.G., The Arab - Israeli Conflict (London: 1995)

4 Agwani, M.S., The West Asian Crisis, New Delhi: 1995

5 Colvocoressi, P., World Politics: 1954 - 2000, New Delhi: Pearson Education, 2001.

6 Schoot, Ian., World Famous Battles , London : Magpie Books Ltd., 1994

7 Politics in Gulf, Agwani M.S.,

8 The West Asian Crisis, Agwani M.S.,

#### **Course outcome:**

On the successful completion of the course, student will be able to:

1 Remember the basic concepts of Limited wars

2 Identify the role of UNO in Korean wars

3 Evaluate the American presence in Vietnam war

4 Understand the causes of Arab Israeli wars

5 Know the facts about Iran Iraq war

Semester	Subject Name	Paper Code	Hrs./Week	Study Components
4	GENERAL ECONOMICS II	FADS43	5	Allied 2 Paper 4

**Overview:**

To provide a frame work of knowledge relating to the concepts and practice of Economics in Indian context and to make the students understand the theories and growth of Economy in the strategic sector. Also, to provide insight on the most pressing issue “Demand for Defence Expenditure” i.e. the purpose of Defence Budget.

**Unit - I:**

Money - Functions - Changes in supply of Money, Inflation - Deflation - Types - Characteristics - Causes - Effects - Remedies - Deflationary Gap

**Unit - II:**

Keynesian Theory of Employment - Savings and Investment Analysis

**Unit - III:**

Macro-Economic Goals and Tools - Objectives - Central and Commercial Banking in India – Fiscal Policy - Indian Tax System

**Unit - IV:**

Growth and Development Strategies - Planning - Agriculture and Industry under Plans with Special reference to the tenth plan

**Unit - V:**

Budget - Salient Features - Central and State - Deficit Financing - Priorities in Budgeting - Expenditure in Defence - Recent Trends in Military Finance - Role of Social and Economic infrastructure for Defence Purposes.

**Note:** Questions in Sec. A, B & C shall be in the proportion of 20:80 between Theory and Problems.

**Text Books**

Reference

1 Dr. S. Sankaran, Macro Economics

2 M. L. Jhingan, Macro Economic Theory

3 Dutt and Sundaram, Indian Economy

4 B. P. Tyagi, Public Economics.

5 Dr. S. Sankaran, Monetary Economics

6 Chrystal, A, Lipsey, R.G Introduction to Positive Economics, Oxford University

7 Garfinkel, M.R. (University of California) Economics of Conflict, An Overview (Paper presentation).

8 Hartley and Sandler, Hand Book of Defence Economics, North Holland

### **Course Outcome**

On the successful completion of the course, student will be able to:

- 1 To learn about the basic terms in economics
- 2 Understand about the theories and analysis in economics.
- 3 Identify the systems used in economics
- 4 Acquire knowledge about the strategies in economics
- 5 To know about the budget used for Defence purpose

<b>Semester</b>	<b>Subject Name</b>	<b>Paper Code</b>	<b>Hrs./Week</b>	<b>Study Components</b>
4	<b>INDUSTRIAL SECURITY</b>	FSDS44	2	<b>Skill Based Subject - 2</b>

### **Overview:**

The main objectives of this paper attempts at explaining the fundamental components of journalism - the News it also outlines the News Writing procedures.

### **Unit - I**

Concept – Meaning – Definition



## **Unit - II**

Industrial Safety – Vision and Mission of Industries – Ethical and Legal Standards.

**Unit - III** Recruitment and Selection of Security Forces in Industrial Sector

**Unit - IV** Training and Development of Industrial Security Forces.

## **Unit - V**

Recent Developments in Industrial Security and Scope for Employment

### **Text Books:**

Rajan Nair, “Marketing”, SultanChand & Sons, New Delhi

Varshney,” Marketing Management”, Sultan Chand & Sons, New Delhi.

### **Reference Books:**

1 The Journalist's Handbok , Kamath, M.V.,

2 Vikas Publishers , 2005) ,

3 Nalini ed., Practicing Journalism (New

Delhi : Sage, 2005)

### **Course Outcome**

On the successful completion of the course, student will be able to:

- 1 Explain Basic concepts of News
- 2 Acquire knowledge about reporting
- 3 Understand the methods of news content
- 4 Enumerate various news writing methods
- 5 To learn about news content

<b>Semester</b>	<b>Subject Name</b>	<b>Paper Code</b>	<b>Hrs./Week</b>	<b>Study Components</b>
<b>4</b>	<b>FUNDAMENTALS OF NATIONAL SECURITY</b>	FNDS45	<b>2</b>	<b>Skill Based Subject - 2</b>

**Overview:**

To cultivate basic knowledge about the Concept of National Security and Approaches to achieve National Security (With Special Reference to India).

**UNIT-I Introduction**

- a) Definition, Scope and Features of the Concept of National Security.
- b) Concept of National Power – Elements of National Power (Tangible and Intangible). c) Fundamental Factors, Values, Goals, Policies and Determinants of National Security Policy.

**UNIT-II Foreign Policy and Defence Policy**

- a) Definition, Meaning, Scope of Foreign Policy and Defence Policy.
- b) Determinants of Foreign Policy and Defence Policy.
- c) Instruments of Foreign Policy and Defence Policy – Diplomacy.

**UNIT-III Approaches to National Security**

- a) Coercive and Non-Coercive Approaches – Meaning and Scope.

- b) Coercive Means – Threats, Threat Perception and Defence Apparatus, Armed Forces – Its organization and functions (India)
- C) Non – Coercive Means, Peace Mechanics, Peace Making and Peace Building.

#### **UNIT-IV Strategic Environment - India**

- a) Feature of Strategic Environment – Its Scope in Policy Making.
- b) India's Strategic Environment – Immediate Neighbours, Adjacent Regions, Indian Ocean and Global Structure.
- c) India's Military Preparedness – Defence Budget, Force Structure and Organization

#### **UNIT-V India's Strategic Relationship (Salient Features)**

- a) India – Pakistan: Politico – Strategic Relations.
- b) India – China: Politico – Strategic Relations.
- c) India and the World Powers.

#### **Reference**

- 1 Barry, Buzan, People, State and Fear: The National Security Problems in International Relations, Sussex; Wheatsheaf Books, 1983.
- 2 Bajpai, U.S., (ed) India's Security: The Politico-Strategic Environment, New Delhi: Lancers Books, 1983
- 3 Dixit, J.N., Across Borders: Fifty Years of India's Foreign Policy, New Delhi: Picus Books, 1998.
- 4 Satish Kumar, (ed). Yearbook on India's Foreign Policy, New Delhi: Deep and Deep, 1993.
- 5 Jayaramu, P.S., India's National Security and Foreign Policy, New Delhi: ABC Publishers, 1978.
- 6 Kaul, T.N., India and the New World Order, Vol. 1, New Delhi: Gyan, 2000
- 7 Kux, Dennis, Estranged Democracies: India and the United States 1941 - 1991, New Delhi: Sage Publications, 1994.

#### **Course Outcome:**

On the successful completion of the course, student will be able to:

- 1 To learn about the basic concept of national security.
- 2 Understand about the concept of Foreign and Defence policies.

3 Identify the Approaches to National Security

4 Acquire knowledge about the Strategic Environment in India

5 To know about the India's Strategic Relationship with other countries.

Semester	Subject Name	Paper Code	Hrs./Week	Study Components
5	ARMED FORCES AND SOCIETY	FDS51	6	Core IX

**Overview:**

The main objectives of this course are to:

To inculcate interest amongst students to learn more about modern inter - state relations.

**Unit:1 Study of Society**

- a) Definitions and Types of Societies.
- b) The Concept of Community, Association and State.
- c) Differences between Society, Community, Association and State.

**Unit:2 Evolution of State System**

- a) Theories and Elements of State.
- b) State – Pre-historic to Modern State.
- c) Concepts of Nation, Nation-State, National Power and National Character.
- d) Concept of Nation Building.

**Unit:3 Study of Militarism**

- a) Concept, Meaning and Definition of Militarism.
- b) Evolution of Military System.
- c) Types and Kinds of Military Formations.
- d) Role of Armed Forces in Modern Times.

**Unit:4 Leadership**

- a) Meanings and Definition of Leadership.
- b) Characteristics and Qualities of Leadership.
- c) Styles or Techniques of Leadership.
- d) Theories of Leadership.

### **Unit:5 Civil – Military Relations**

- a) Relations in political set – up.
- b) Military influence on National Policy.
- c) Armed Forces aid to Civil Power.

### **Reference**

- 1 Shankar Rao, C.N., Sociology, New Delhi: S. Chand and Company, 1997
- 2 Goode, W.J., Principles of Sociology, New Delhi: T M H Publishing Co. Ltd., 1977.
- 3 Koithara, Varghese, Society, State and Security: Indian Experience, New Delhi: Sage, 1996
- 4 Johnson, John, Role of Military in Underdeveloped Countries
- 5 Morris Janowitz, Sociology and Military Establishment
- 6 Jewaki, Androze S, Military Organisation and Society.
- 1) 7 Grille, Race, Class and Militar

### **Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

- 1 Understand the key element of International relations
- 2 Analyze the relationship between foreign policy and Diplomacy
- 3 Acquaint the knowledge on Diplomacy
- 4 Understand the knowledge of Balance of Power and Collective security
- 5 Understand the key concepts of Cold war

Semester	Subject Name	Paper Code	Hrs./Week	Study Components
5	STRATEGIC THOUGHT	FDS52	6	Core X

### Course Objectives

The main objectives of this course are to:

To inform the students the heroic efforts made by the India Armed forces to protect the nation.

### Unit:1 Introduction

- a) Concept of Strategic Thought.
- b) Concept of Non–Violence by Gandhi.
- c) Concept of Non–Alignment by Nehru.

### Unit:2 Linkages between War and Politics

- a) Concepts of Machiavelli.
- b) Concepts of Jomini.
- c) Concepts of Clausewitz.

### Unit:3 Strategic Thoughts on Land Warfare

- a) Vauban.
- b) Schlieffen.
- c) Von Moltke.

### Unit:4 Strategic Thoughts on Sea Warfare

- a) Chola’s Theory of Sea Power.
- b) Maratha’s Theory of Sea Power.
- c) A.T.Mahan’s Theory of Sea Power.

### Unit:5 Strategic Thoughts on Air Power

- a) Concepts of Douhet.
- b) Concepts of Mitchel.
- c) Concepts of Servesky.

**Books: Reference**

- 1 E.M. Earle (ed), Makers of Modern Strategy: Military Thought from Machiavelli to Hitler, 1948.
- 2 Paret, Peter (ed.), Makers of Modern Strategy , ( Princeton, 1986 )
- 3 Murray, Williamson, Knox, Mac Gregor, and Bernstein, Alvin (eds.), The Making of Strategy,(Cambridge,1994).
- 4 Weller, Jac, Weapons and Tactics (London, 1966).
- 5 Fuller, J.F.C., the Foundations of the Science of War (London, 1925).
- 6 Tripathi, K.S., Evolution of Nuclear Strategy, (Delhi,19

**Course Outcome**

On the successful completion of the course, student will be able to:

- 1 Understand the basic concepts of Kashmir problem
- 2 Imparting knowledge on Indo-Pak war 1948
- 3 Have a comprehensive knowledge on Chinese Aggression
- 4 Acquire knowledge on comparative strengths of Indian and Pakistan Army
- 5 Acquire knowledge on Kargil issues

<b>Semester</b>	<b>Subject Name</b>	<b>Paper Code</b>	<b>Hrs./Week</b>	<b>Study Components</b>
5	<b>NUCLEAR WARFARE</b>	FDS53	<b>6</b>	FDS52

**Objective:**

The main objectives of this course are to:

On completion of the paper, the students will be able to analyse the defence budget and other related areas.

### **Unit:1 INTRODUCTION**

- a) The evolution of Nuclear Era since 1945.
- b) Basics of Nuclear Energy and Technology.
- c) Effects of Nuclear Explosion.

### **Unit:2 Delivery Systems**

- a) Missiles, Types and Effects.
- b) Triad.
- c) Tactical Nuclear Weapons.

### **Unit:3 Nuclear Warfare Theories**

- a) Preventive War and Pre-emptive War Strategy
- b) Massive Retaliation and Flexible Response.
- c) Counter Value, Counter Force and Mutually Assured Destruction (MAD) and Mutually Assured Survival (MAS).

### **Unit:4 Nuclear Weapon Treaties**

- a) Unilateral Treaties (PTBT, NPT and ABM).
- b) Bilateral Treaties (SALT-I, SALT-II and START).
- c) Multilateral Treaties (CTBT).

### **Unit:5 Nuclear Strategy**

- a) The Impact of Nuclear Weapons on Strategy
- b) Strategy of Deterrence
- c) Nuclear Strategies since 1945

### **Reference Books:**

- 1 Cochran, Thomas, Arkin, William, and Hoenig, William, Nuclear Weapons Databook ( 5 vols., Cambridge, Mass, 1984).
- 2 Glasstone, S., and Dolan, P.J., The Effects of Nuclear Weapons (Washington, 1977).



- 3 Grace, Charles, Nuclear Weapons: Principles, Effects and Survivability (London, 1994).
- 4 Brodie, Bernard, Strategy in the Missile Age (Princeton, 1959).
- 5 Lee, R.G., Guided Weapons (London, 1988).
- 6 Pande, S., CTBT : India and the Nuclear Test Ban Treaty, New Delhi: Cosmo, 1994
- 7 Pande, S., Future of NPT, New Delhi: Lanser, 1995
- 8 Mistry, D., Containing Strategic Missile Proliferation, Seattle: University of Washington Press, 2005

**Course Outcome**

On the successful completion of the course, student will be able to:

- 1 Understand and explain the conceptual framework Economics
- 2 To learn about Defence Planning
- 3 To acquire knowledge on System Analysis
- 4 Illustrate the various Defence requirements
- 5 Understand the concept of War on Economy.

Semester	Subject Name	Paper Code	Hrs./Week	Study Components
5	<b>DEFENCE ECONOMICS</b>	FDS54	6	Core-XII

**Overview:**

The main objectives of this course are to:

On completion of the course the candidates will be also able to appreciate the geographical components of defiance preparedness

**Unit:1 INTRODUCTION**

- a) Definition of Economics.
- b) Types of Economic Systems – Their Merits and Demerits.

c) Defence Vs Development.

### **Unit:2 Defence Budget**

a) Concept of Finance, Revenue and Expenditure.

b) Budgetary Process, National Income, Gross National Product and Gross Domestic Product.

c) Analysis of India's Defence Budget for the past five years.

### **Unit:3 Defence Planning**

a) Concept of Defence and Important of Defence Planning.

b) System Analysis – Its Utility in Defence Planning.

c) Cost Effectiveness and Choice of Weapons System.

### **Unit:4 Defence Production**

a) Classification of Defence Requirements.

b) Role of Ordnance factories, Public and private Sector undertakings in Defence Production.

c) Role of Defence Research and Development Organization (DRDO) in Defence Production

### **Unit:5 Effects of War on Economy**

a) Inflation: Balance of Trade and Balance of Payment.

b) Mobilization of Resources for War efforts.

c) Growth of Science and Technology.

### **Reference**

1 Subramaniam,K., Defence and Development, Calcutta:Minerva,1973

2 Deger,S., Military Expenditure in the Third World: The Economy Effects,  
London:Routledge,1986

3 Kennedy, Gavin,The Military in Third World, New York: Scribners, 1974.

4 Khanna,D.D., and P.N.Mehrotra, Defence Verses Development: Case Study of India, New  
Delhi:Indus Publishing Company,1993.

5 Subramaniam,K., Perspectives in Defence Planning, New Delhi:ABC Publishers

6 Shaw and Scilevsky, Mobilizing Resources for War.

### **Course Outcome**

On the successful completion of the course, student will be able to:

- 1 Explain Elements of geography,
- 2 Understand Geo political theories
- 3 Acquire knowledge about Remote sensing
- 4 Understand the concept of Natural resources
- 5 Explain maritime borders

<b>Semester</b>	<b>Subject Name</b>	<b>Paper Code</b>	<b>Hrs./Week</b>	<b>Study Components</b>
<b>5</b>	<b>A. WARFARE IN INDEPENDENT INDIA</b>	<b>FEDS55A</b>	<b>3</b>	<b>INTERNAL ELECTIVE – I</b>

### **Objective:**

To provide a frame work of knowledge relating to the concepts of Warfare in India after independence and to make the students understand the causes and results of the events.

#### **Unit:1 Kashmir Operation 1947-48**

- a) Causes.
- b) Outline of Events.
- c) Result and Lessons Learnt.

#### **Unit:2 Chinese Aggression 1962**

- a) Causes.
- b) Outline of Events.
- c) Result and Lessons Learnt.

#### **Unit:3 Indo – Pak Conflict 1965**

- a) Causes.
- b) Outline of Events.
- c) Result and Lessons Learnt.

#### **Unit:4 Liberation War 1971**

- a) Causes.
- b) Outline of Events.
- c) Result and Lessons Learnt.

#### **Unit:5 Kargil Operations 1999**

- a) Causes.
- b) Main of Events.
- c) Result and Lessons Learnt.

**(Weightage of Marks = Problems 80%, Theory 20%)**

#### **Reference Books:**

- 1 Prasad,S.N., and Dharampal, History of Operations in Jammu and Kashmir, ( 1947 - 48 ), History Division, Ministry of Defence, Govt. of India, New Delhi,1987.
- 2 Sinha,S.K., Operation Rescue - Military Operations in JandK 1947-48, Delhi : Vision,1977.
- 3 Maxwell, Neville., India's China War, New Delhi: Orient Longman, 1972.
- 4 Kaul,B.N., Untold Story, Delhi : Allied,1967
- 5 Palit, D.K., War in High Himalaya: The Indian Army in Crisis, 1962, Delhi: Lancer, 1991
- 6 Menon, V.K. Krishna, India and the Chinese Invasion, Bombay: Contemporary, 1963
- 7 Brig. John, P. Dalvi, Himalayan Blunder, New Delhi: Nataraj, 1967
- 8 Vice.AdmiralN.Krishnan, No way but Surrender, Delhi: ABC Publishers, 1989
- 9 The Kargil Committee Review Report, From Surprise to Reckoning, New Delhi: Sage, 2000
- 10 Moosa, M., My Version, India - Pakistan War, 1965, Lahore, 1983.

#### **Course Outcome**

On the successful completion of the course, student will be able to:

- 1 To learn about causes of Kashmir Operation in 1947-48.
- 2 Understand about Chinese Aggression in 1962
- 3 Identify the Indo – Pak Conflict in 1965
- 4 Acquire knowledge about Liberation War in 1971
- 5 To know about Kargil Operations in 1999

Semester	Subject Name	Paper Code	Hrs./Week	Study Components
5	<b>B. MILITARY GEOGRAPHY</b>	<b>FEDS55B</b>	3	<b>INTERNAL ELECTIVE – I</b>

**Objective:**

To provide a frame work of knowledge relating to the concepts of Geography that connected with military and to make the students understand the application, factors of military role in geography.

**Unit:1 Introduction**

- a) Meaning and Nature of Military Geography.
- b) Scope of Military Geography.
- c) Elements of Military Geography- Earth Size, Shape, Location, Climate, Topography and Population.

**Unit:2 Evolution of Military Geography**

- a) History and Development.
- b) Founders of Military Geography - F. Ratzal, A.T. Mahan,
- c) Sir. Halfred Mackinder, Karl Haushofer, N.J. Spykman

**Unit:3 Inter-State relations and Geographical factors**

- a) Frontiers and Boundaries - Meanings and Differences, Types, Boundary Making and

Functions.

- b) Communication Routes- Land, Sea and Aerial- Strategic scope.
- c) Population and Power.

#### **Unit:4 Geography and Foreign Policy of India**

- a) India's Geo-strategic Significance - Location, Size, Shape, Climate, Topography and Resources.
- b) India's Borders - Nature and Characteristics of Land Border and Maritime Boundary.
- c) Indian Ocean Territory and Strategic Significance.

#### **Unit:5 Applied Military Geography**

- a) Global Positioning System (GPS).
- b) Global Information System (GIS).
- c) Remote Sensing.

#### **Reference Books:**

- 1 Das, S.T., Geo-Strategies, Allahabad:Kitab Mahal,1985
- 2 Black, Jeremy, Cambridge Illustrated Atlas, Warfare, Renaissance to Revolution: 1492-1792, (Cambridge: Cambridge University Press, 1996).
- 3 Chandler, David G., Atlas of Military Strategy: The Art, Theory and Practice of War, 1618-1878, (1980 reprint, London: Arms and Armor, 1996)
- 4 William D Puleston, The Life and Work of Alfred Thayer Mahan, U.N.S. (New Haven, CT, 1939)
- 5) Earl Meade, Edward, Makers of Modern Strategy: Military Thought from Machiavelli to Hitler, 1948.

#### **Course Outcome**

On the successful completion of the course, student will be able to:

- 1 To learn about the concept and elements of military geography.
- 2 Understand about the Evolution of Military Geography

- 3 Identify the Inter-State relations and Geographical factors.
- 4 Acquire knowledge about the Geography and Foreign Policy of India.
- 5 To know about the Applications in Military Geography.

Semester	Subject Name	Paper Code	Hrs./Week	Study Components
5	<b>C. ESSENTIALS OF PUBLIC ADMINISTRATION</b>	FEDS55C	3	<b>INTERNAL ELECTIVE – I</b>

**Objective:**

This paper introduces the discipline of Public Administration; its Methods and Scope. It introduces the Structure and Functions of the Union and State Administration, the Organization, Principles and Public Management through the Administrative Services

**Unit:1 Introduction**

- (a) Meaning, Nature, Scope and Importance of Public Administration.
- (b) Evolution of Public Administration.
- (c) Public Administration and other Social Sciences.
- (d) Public Administration: Arts or Science.

**Unit:2 Union Administration**

- (a) President.
- (b) Prime Minister's office.
- (c) Central Secretariat.
- (d) Organization of Ministers.

**Unit:3 State Administration**

- (a) Governor.
- (b) Chief Minister's Office.

- (c) State Secretariat.
- (d) Organization of Ministers.

#### **Unit:4 Organization - Principles**

- (a) Hierarchy and Span of Control.
- (b) Unity of Command.
- (c) Centralization and De-centralization.
- (d) Coordination.

#### **Unit:5 Public Management**

- (a) Principles of Management- Motivation, Communication, Decision-making and Leadership.
- (b) All India Services - Indian Administrative Service (IAS), Indian Police Service (IPS), Indian Foreign Service (IFS) and other Central Services.
- (c) State Administration- Collectors., Superintendent of Police, Tahsildars and BDOs.
- (d) Centre - State Relations.

#### **Reference Books:**

- 1 Maheswari, S.R., Indian Administration, New Delhi:Orient Longmans,2005
- 2 Baghwan, Vishnoo and VidyaBhushan, Indian Administration, New Delhi: S.Chand and Co, 2005.
- 3 Arora and RajniGoyal, Indian Public Administration, New Delhi:Wishwa Prakashan,2006.
- 4 Avasthi and S.R.Maheshwari, Principles of Public Administration, New Delhi:LakshmiNarainAgarwal,1990
- 5 Tyagi, A.R., Principles of Public Administration, New Delhi:Atma Ram,1990

#### **Course Outcome**

On the successful completion of the course, student will be able to:

- 1 To learn about the basics of Public Administration
- 2 Understand about the Administration of Union Government.
- 3 Identify the Administration of State Government.
- 4 Acquire knowledge about the Organization and Principles in administration.
- 5 To know about the Public Management



Semester	Subject Name	Paper Code	Hrs./Week	Study Components
5	CONFLICT AND MEDIA	FSDS56	3	Skill based subject

### Course Objectives

This paper aims at teaching the students the nuances in presenting a News story. The usage of words in writing a story to make an impact on the reader is taught to the students in this paper.

#### Unit:1

- a) Conflict and Media: Concept, Meaning and Definition.
- b) Role of Media in International Conflict.

#### Unit:2

- a) Media Types: - Print, Audio, Video and Internet.
- b) Political, Sports, Financial and Entertainment.
- c) Civic Affairs.

#### Unit:3

- a) Information Age and Changing Dimensions of Conflict.
- b) Increasing Impact of Media on Society and States.

#### Unit:4

- a) National Security and Role of Media.
- b) Role of Media in Conflicts: Indian Perspective.

#### Unit:5

- a) Terrorism and Media.

b) Media Ethics and Laws Regarding Conflict.

**Reference Book:**

1 Allen Tim and Seaton Jean, eds., (1999) The Media of Conflict: War Reporting and Representations of Ethnic Violence, University of Chicago Press.

2 Andrew Hoskins, Ben O'Loughlin (2010) War and Media: The Emergence of Diffused war, John Wiley andons

3 Carruthers Susan, (2000) The Media at War: Communication and Conflict in the Twentieth Century, St.Martin's Press, New York

4 DayaKishanThussu, Des Freedman, (2003) War and the Media: Reporting Conflict 24/7, Sage Publications, California

**Course objectives**

On the successful completion of the course, student will be able to:

- 1 Apply the functions of News writing
- 2 Remember the types of writing
- 3 Understand the Data and importance of sources
- 4 Acquire knowledge on Editing
- 5 Apply the basic functions of News story

Semester	Subject Name	Paper Code	Hrs./Week	Study Components
6	National Security of India	FDS61	5	Core Theory

**Objective:**

The main objectives of this course are to:

To make the students realize the value of strategic thought in policy formation.

**Unit:1 Concept of Security**

- a) Meaning, Definition and Objectives.
- b) Elements of National Security.
- c) Kinds of National Security.

**Unit:2 Threats to National Security**

- a) Meaning and Definition.
- b) Threat Perception.
- c) Types of Threats and Threats to India.

**Unit:3 India's Strategic Relations with its Neighbors**

- a) Pakistan.
- b) China.
- c) South Asian Neighborhood.

**Unit:4 India's Strategic Relations with External Powers**

- a) United States of America.
- b) Russia.
- c) European Powers.

**Unit:5 India's Interest in Asia**

- a) India and West Asia
- b) India and ASEAN
- c) India and Indian Ocean.

**Reference Books:**

1 Barry, Buzan, People, State and Fear: The National Security Problems in International Relations, Sussex;Wheatsheaf Books, 1983

2 Bajpai, U.S., (ed) India's Security: The Politico-Strategic Environment, New Delhi: Lancers Books, 1983

3 Dixit, J.N., AccrossBorders: Fifty Years of India's Foreign Policy, New Delhi:Picus Books,

1998.

4 Satish Kumar, (ed), Yearbook on India's Foreign Policy, New Delhi: Deep and Deep, 1993.

5 Jayaramu, P.S., India's National Security and Foreign Policy, New Delhi: ABC Publishers, 1978

6 Kaul, T.N., India and the New World Order, Vol. 1, New Delhi:Gyan, 2000

7 Kux, Dennis, Estranged Democracies: India and the United States 1941 - 1991, New Delhi: Sage Publications, 1994.

### **Course Outcome**

On the successful completion of the course, student will be able to:

- 1 Explain various strategic theories
- 2 Describe basic concepts of War
- 3 Understand concepts of Vauban and Schlieffien
- 4 To know about Mahan"s theory of Sea power
- 5 To acquire knowledge about Mao"s theory

<b>Semester</b>	<b>Subject Name</b>	<b>Paper Code</b>	<b>Hrs./Week</b>	<b>Study Components</b>
6	<b>Introduction to International Law</b>	<b>FDS62</b>	5	<b>Core-XIV</b>

### **Objective:**

The main objectives of this course are to:

To create interests in students to pursue their efforts in international Law.

### **Unit:1 INTRODUCTION**

a) Definition, basis of international Law, History and development law

- b) Nature, source and Confliction
- c) Relationship between international and Municipal laws

### **Unit:2 LAWS OF WAR-I**

- a) Peaceful means of Settlement of International Disputes.
- b) Cohesive means of Settlement of International Disputes.
- c) War – Its Legal Character and Effects.

### **Unit:3 LAWS OF WAR-II**

- a) Laws of Land Warfare.
- b) Laws of Maritime Warfare.
- c) Laws of Aerial Warfare.

### **Unit:4 LAWS OF NEUTRALITY**

- a) The laws of Neutrality
- b) Right of Angary
- c) Contraband and Doctrine of Continuous Voyage

### **Unit:5 LEGAL MECHANISM**

- a) Concept, Establishments and Kinds of Blockade, Penalties for breach of Blockade.
- b) Role and Importance of Prize Courts.
- c) Role and Functions of International Court of Justice.

### **REFERENCE BOOK**

1 Tandon, M.P, and Rajesh Tandon, an Introduction to International Law, Allahabad: Allahabad Law Agency, 1987.

2 Kapoor, S.K., International Law, Allahabad; Allahabad Law Agency, 1989.

3 Chavan, R.S., An Approach to International Law, New Delhi: Sterling, 1971

4 Starke, J., An Introduction to International Law. Oppenheim, International Law

5 Stake. J. - An Introduction to International law.

### **COURSE OUTCOME**

On the successful completion of the course, student will be able to:

- 1 To learn about holding company accounts.
- 2 Acquire knowledge about goodwill.
- 3 Prepare Liquidator's final statement of receipts and payments
- 4 Prepare Final accounts of Banking companies.
- 5 Prepare Final accounts of Insurance companies

Semester	Subject Name	Paper Code	Hrs./Week	Study Components
6	Arms Control and Disarmament	FDS63	5	Core-XV

**Objective:**

The main objectives of this course are to:

To make students realize the importance of National Security.

**Unit:1 Introduction**

- a) Definition of Arms Control, Arms Limitations, Arms Reduction and Arms Trade.
- b) Differences between Arms Control, Arms Limitations, Arms Reduction and Disarmament.
- c) Nature and Scope of Arms Control and Disarmament.

**Unit:2 From Treaty of Westphalia to World War - II**

- a) Efforts towards Disarmament from Treaty of Westphalia 1648 to the outbreak of World War I.
- b) Efforts towards Disarmament from World War I to the outbreak of World War II.
- c) Efforts towards the formation of the UNO.

**Unit:3 UN and Disarmament**

- a) United Nations' Perception on Disarmament and Arms Control.

- b) Major efforts of the United Nations.
- c) Limitations of the United Nations.

**Unit:4 Major Treaties on Disarmament**

- a) Partial Test Ban Treaty, Nuclear Non-Proliferation Treaty.
- b) Strategic Arms Limitation Treaty (SALT-I and SALT-II).
- c) Intermediate – Range Nuclear Forces Treaty, Strategic Arms Reduction Treaty (START) and Outer space.

**Unit:5 Role and contributions of India towards Disarmament and Arms control**

- a) Non Aligned Movement.
- b) Nuclear Weapon Free Zones (NWFZ) and Zone of Peace.
- c) Nehru, Indira Gandhi and A.B.Vajpayee.

**Reference Books:**

- 1 1 Chaudri J. N. India's Problems of National Security
- 2 Subramaniam. K. India's Security perspectives
- 3 Kavic L.O -- India's Quest for security

**Course Outcome**

- 1. On the successful completion of the course, student will be able to:
- 2. Understand basic concepts of National Security
- 3. Describe Threat perception
- 4. To understand the Strategic relations with neighbors
- 5. To understand relations with SAARC nations
- 6. Discuss Strategic relations with Super[powers]

Semester	Subject Name	Paper Code	Hrs./Week	Study Components
6	A. Specialized Warfare	FEDS64A	3	Internal Elective

## **Course Objectives**

After completing the paper the students will understand the types of war prevalent in the world.

### **Unit:1 Psychological Warfare**

- a) Definition and Nature of Psychological Warfare.
- b) Types of Propaganda.
- c) Brain washing and its Effects.
- d) Rumor: Nature and Techniques.

### **Unit:2 Biological and Chemical Warfare**

- a) Concept and Objectives.
- b) Characteristics.
- c) Types of Agents and Methods of use.
- d) Recent Trends.

### **Unit:3 Guerilla Warfare**

- a) Concept and Objectives.
- b) Characteristics of Guerilla Warfare.
- c) Elementary knowledge of Insurgency and Counter Insurgency

### **Unit:4 Nuclear Warfare**

- a) Concept and Origin of Nuclear Warfare.
- b) Effects of Nuclear Flash, Thermal Radiation and Nuclear Radiation.
- c) Elementary knowledge of Missiles, ICBMs, and MIRVs.

### **Unit:5 Terrorism**

- a) Definition and Causes
- b) Naxalism in India.
- c) Types and Techniques of Terrorism.



**Reference Books:**

- 1 Philip M. Taylor, Munitions of the Mind: War Propaganda from the Ancient World to the Nuclear Age, (Wellingborough, 1990)
- 2 Qualter, T.H., Propaganda and Psychological Warfare, (New York, 1962)
- 3 SIPRI, The Problem of Chemical and Biological Warfare (4 Vols, New York, 1971)
- 4 Brown, F.J., Chemical Warfare : a Study in Restraint, ( Princeton,1968)
- 5 Walter Laqueur, Guerilla, ( London,1977)
- 6 Fairbairn, G., Revolutionary Guerilla Warfare (Harmondsworth,1974)
- 7 Asprey, R.B., War in the Shadows (London,1975)
- 8 Lawrence Freeman, The Evolution of Nuclear Strategy (London,1981) Herbert Feis, The Atomic Bomb and the End of War

**Course Outcome**

On the successful completion of the course, student will be able to:

- 1 To learn about the concept of Psychological Warfare.
- 2 Understand about the concept of Biological and Chemical Warfare.
- 3 Identify the concept of Guerilla Warfare
- 4 Acquire knowledge about the concept of Nuclear Warfare
- 5 To know about the concept of Terrorism

<b>Semester</b>	<b>Subject Name</b>	<b>Paper Code</b>	<b>Hrs./Week</b>	<b>Study Components</b>
<b>6</b>	<b>B. Warfare and Technology</b>	<b>FEDS64B</b>	<b>3</b>	<b>Internal Elective</b>

**Course Objectives**

After completing the paper the students will understand the types of technology used in warfare

### **Unit:1 Introduction**

- (a) Historical Evolution of Warfare.
- (b) Evolution of Science and Technology.
- (c) Synergy of warfare and science and technology.

### **Unit:2 Science and technology and its Scope**

- (a) Science and Technology: Military and Non-military Applications and Dual usage.
- (b) Industrial Revolution and New Technologies- Internal Combustion Engine (Steam engine), Radio, Electricity and Radar.
- (c) Emerging Technologies- Nuclear science, Oceanography, Space Technology and Electronics.

### **Unit:3 Weapons Technology and Warfare**

- (a) Weapons of Land Warfare: Types of Arms and Armaments and Artillery.
- (b) Naval Weapons: Types of Ships, Aircraft Carrier, Submarines and Torpedoes.
- (c) Aerial War Weapons: Types of Aircrafts, Missiles, Satellites and Radars.

### **Unit:4 Emerging Technologies and Warfare**

- (a) Information Technology and Communication Warfare.
- (b) Robotics and Cyber War.
- (c) Revolution in Military Affairs (RMA).

### **Unit:5 Weapons Technology and India**

- (a) Pioneering Institutions and its Contributions.
- (b) Science and Technology Policy of India.
- (c) Defence and Research Development Organisation (DRDO): Its role in Weapons Development.

## Reference

- 1 AjeyLele, Strategic Technology for the Military, New Delhi: Sage, 2009.
- 2 Gopalakrishnan, K.V., Impact of Science and Technology on Warfare, New Delhi: National Book Trust, 2003.
- 3 Buzan, Barry., An Introduction to Strategic Studies: Military Technology and International Relations, New York: St. Martin Press, 1987.
- 4 Kelin, John. Space Warfare: Strategy, Principles and Policy' London: Routledge, 2006.
- 5 Nair, K.K., Space the Frontier of Modern Defence, New Delhi: Knowledge World, 2006.
- 6 Pruthi, R.K. (ed). Robotic Warfare, Delhi: Prashant Publishing House, 2009.
- 7 Rappert, Brain (ed), Technology and Security: Governing Threats in the New Millennium, New York: Hamshire, Palgrave Macmillan, 2007.

## Course Outcome

On the successful completion of the course, student will be able to:

- 1 To learn about the basics of Evolution of Warfare and technology.
- 2 Understand about the scope of Science and technology.
- 3 Identify The Weapons Technology in Warfare
- 4 Acquire knowledge about The Emerging Technologies in Warfare
- 5 To know about The Weapons Technology in India

Semester	Subject Name	Paper Code	Hrs./Week	Study Components
6	C. Elementary Study of the Constitution of India	FEDS64C	3	Internal Elective

## Objective:

This paper introduces the student to the Constitution of India and its salient features including the Fundamental Rights and Directive Principles of State Policy. It also focuses on the role and functioning of the Executive, Legislature and the Judicial organs of the Indian Government.

### **Unit:1 Introduction**

- (a) Meaning and Scope of Constitution.
- (b) Types of Constitutions: Written and Unwritten, Flexible and Rigid, and Unitary and Federal.
- (c) Salient Features of the Constitution of India.
- (d) Fundamental Rights and Directive Principles of State Policy.

### **Unit:2 The Union Executive**

- (a) The President of India: Qualifications and Election procedure (b) The role of the President.
- (b) The Vice-President of India: Qualifications and Election procedure.
- (c) The role of the Prime Minister

### **Unit:3 The Parliament of India**

- (a) Lok Sabha: Its Composition and Function.
- (b) Rajya Sabha: Its Composition and Function.
- (c) Basic Legislative procedures.
- (d) Budget-procedures and Scope.

### **Unit:4 The State Administration**

- (a) The Governor: Role and Powers of Governor.
- (b) The Role and Functions of the Chief Minister.
- (c) The State Legislature: Its Role and Functions

### **Unit:5 The Constitutional Bodies in India**

- (a) The Role and Functions of the Supreme Court of India.
- (b) The Role and Functions of the Election Commission.
- (c) The Role and Functions of the Comptroller and Auditor General (CAG).

(d) The Role and Functions of the Union Public Service Commission (UPSC).

**REFERENCE BOOKS:**

1 Basu, D.D., Introduction to the Constitution of India, 20th edn. Nagpur: LexisNexis, 2008.

2 Basu, D.D., Shorter Constitution of India, 14th edn, Nagpur: LexisNexis, 2008.

3 Arvind P Datar, Constitution of India, 3 Vols, Nagpur: LexisNexis, 2007.

**Course Outcome**

On the successful completion of the course, student will be able to:

1. To learn about the basics of Constitution of India
2. Understand about the Executives of Union government
3. Identify The Parliament of India
4. Acquire knowledge about The State Administration
5. To know about The Constitutional Bodies in India

Semester	Subject Name	Paper Code	Hrs./Week	Study Components
6	A. Defence Management	FEDS65A	3	Internal Elective

**Overview:**

To introduce the student to the concept of Defence Management, structure, Power and analysis

**Unit:1**

Definition, Scope and Principles of Management and Decision Making Process and HDO of India

**Unit:2**

Defence organization – nature and structure [Line and staff, Pyramid hierarchy in Army Navy and Air Force].

**Unit:3**

Personnel Management – Staffing [Recruitment and Training]

**Unit:4**

System Analysis – Qualitative Management and Evaluation of Defence Forces

**Unit:5**

Cost Effectiveness – Force Level, Production and procurements of weapons systems and R and D

**Reference Book:**

- 1 Knoontz and O'Donnel, Principles of Management, (Printice, 1976)
- 2 Osgood, Robert, Principles of Management, New Delhi: Printice-Hall, 1978.
- 3 Davar,R.S., Management, Delhi: Cosmos, 1975.
- Keatz, James Euerett., Arms Production in the Developing Countries,

**Course Outcome**

On the successful completion of the course, student will be able to:

- 1 To learn about the basics of Defence Management.
- 2 Understand about the structure of Defence organization.
- 3 Identify the recruitments, trainings of personnel.
- 4 Acquire knowledge about the valuation of Defence management.
- 5 To know about the qualities of Defence management.

<b>Semester</b>	<b>Subject Name</b>	<b>Paper Code</b>	<b>Hrs./Week</b>	<b>Study Components</b>
<b>6</b>	<b>B. Human Rights</b>	<b>FEDS65B</b>	<b>3</b>	<b>Internal Elective</b>

**Overview:**

To introduce the student to the rights of humans in various aspects.

**Unit:1 Definition and evolution of the concept**

(a) Meaning, Nature and Development.

- (b) Three Generation Rights.
- (c) Contributions: Hobbes, Locke, Rousseau and Rawls.

### **Unit:2 Approaches & Perspectives**

- (a) Universalistic and Relativist approaches.
- (b) Feminist & Marxist approach.
- (c) Third World Perspective- Gandhian view

### **Unit:3 United Nations & Human Rights**

- (a) U N Charter and the Universal Declaration of Human Rights.
- (b) International Conventions and Covenants.
- (c) Other Protocols

### **Unit:4 Indian Perspective**

- (a) Human Rights in Indian tradition- Civil, Political, Economic, Cultural Rights & Women's Rights.
- (b) Constitutional & Legal framework in India- Human Rights Commission & Special Commission for weaker section.
- (c) Human Rights Education: UNESCO & Montreal Protocol.

### **Unit:5 Issues and Challenges**

- (a) Human Rights and challenges - ethnic conflict, social & political violence, global terrorism, environmental sources.
- (b) Rights of Refugees.
- (c) Internally Displaced people.

### **Reference Books:**

- 1 Bajwa, G.S., Human Rights in India: Implementations and Violations, New Delhi: Sterling, 1995.
- 2 Mehta, P.L., Verma,N., Human Rights Under the Indian Constitution, New Delhi : Deep & Deep, 1999.
- 3 Donnelly, Jack. The Concept of Human Rights, New York:St.Martin, 1985.

4 Gibson, John, S., Dictionary of International Human Rights Law, Lanham, MD:

### Course Outcome

1. On the successful completion of the course, student will be able to:
2. 1 To learn about the evolution and concept of human rights.
3. 2 Understand about the Approaches and Perspectives in human right.
4. 3 Identify the human rights by UN.
5. 4 Acquire knowledge about the human rights in Indian Perspective.
6. 5 To know about the Issues and Challenges in human rights.

Semester	Subject Name	Paper Code	Hrs./Week	Study Components
6	C. Terrorism	FEDS65C	3	Internal Elective

### Course Objectives:

This paper introduces the concept of Terrorism and its manifestations in historical perspective. Motivated organized violence targeting the population and the government threatening the existing social and political order has become very prevalent in today's world. Basic understanding of terrorism is essential to appreciate the events in right perspective.

#### Unit:1 Introduction

- (a) Definition and meaning of Terrorism.
- (b) History of Terrorism.
- (c) Nature and Tactics of Terrorism

#### Unit:2 Terrorism in perspective

- (a) Causes of Terrorism.
- (b) Types of Terrorism.
- (c) Levels of Terrorism.

#### Unit:3 Terrorism and India



- (a) Kashmir- Cross-border terrorism - Lashkar-e-Toiba; Taliban,
- (b) Extremism in North-East India.
- (c) Naxalites in India.
- (d) Parliament & Mumbai Taj hotel attack.

#### **Unit:4 International Terrorism**

- (a) Palestinian Issue.
- (b) Irish Issue.
- (c) Sri Lanka- LTTE Issue.
- (d) September 11 attack in the USA.-Al Qaeda

#### **Unit:5 Terrorism in International Relations**

- (a) War against Terrorism- responses of Major Powers.
- (b) Terrorism and United Nations Organization.
- (c) Terrorism and other International Organizations.

#### **Reference**

- 1 Yonah Alexander, David Carton and Paul Wilkinson, Terrorism: Theory and Practice, Colorado: West View Press, 1979.
- 2 Walter Laqueur, Terrorism, Boston: Little Brown and Co., 1977.
- 3 B.P.Singh, Sehgal, Global Terrorism: Socio-Political and Legal Dimensions, New Delhi: Deep & Deep Publications, 1996.
- 4 Virender Grover, (ed), Encyclopedia of International Terrorism: Terrorism, History and Development, Vol.1, New Delhi; Deep & Deep Publications, 2002.
- 5 Virender Grover, (ed), Encyclopedia of International Terrorism: Terrorism in World Countries, Vol.2, New Delhi: Deep & Deep Publications, 2002

#### **Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

- 1 To learn about the basics of terrorism. K1

- 2 Understand about the perspectives of Terrorism. K2
- 3 Identify the Terrorism in India. K2
- 4 Acquire knowledge about the International Terrorism issues. K3
- 5 To know about the Terrorism in International Relations.

Semester	Subject Name	Paper Code	Hrs./Week	Study Components
6	Basics of Defence Journalism	FSDS66	3	Skill based subject

### Course Objectives:

The main objectives of this course are to:

To prepare the students in handling a specialized field of journalism Vizdefence journalism

### Unit:1 INTRODUCTION

Journalism: Meaning and Importance.

- c) Defence Writing – Need for specialist.
- d) Defence Journalism – A Profession.

### Unit:2 Defence Journalism

Meaning and Definition of Journalism and Defence Journalism.

- b) Kinds and Sources of Defence News.
- c) Defence Writing Procedure.

### Unit:3 DEFENCE REPORTING

- (a) Format language and grammar
- (b) Forms - Eye witness, computer assigned features
- (c) Concept of Graphics and Animation (Role of Modern Technology)

### Unit:4 DEFENCE TERMINOLOGY

a) Defence Terms and Abbreviations.

b) Role and Importance of News organization: Press Trust of India (PTI), Press Council of India (PCI).

### **Unit:5 PROBLEMS IN DEFENCE WRITING**

(a) Media Ethics

(b) Media Laws

(c ) Problems in Defence Writing - Political Pressure Official Secrecy - etc.,

(d) Introducing existing defence journals Sainik, Samachar, Trishul, Strategic Digest Strategic Andy sis etc.,

### **Reference**

1 Waren, KAgrie., (ed). The Press and the Public Interest, Washington, D.C.: Public Affairs Press, 1968

2 Bhatt, S.C., Practical Journalism, Jaipur: Aavishkar, 2005.

3 Dhara, R., Journalism, Calcutta: Industry Publishers, 1945.

4 Chatterjee, R.K., Mass Communication, New Delhi: National Book Trust, 1973

5 Bhatt, S.C., Practical Journalism (Jaipur: Aavishkar publishers, 2005

### **Expected Course Outcomes:**

On the successful completion of the course, student will be able to:

1 Create mail merge, documents, templates and text formatting

2 Prepare worksheets and drawing graphs

3 Organize data and manipulate files

4 Create new slides and insert clip arts and pictures.

5 Learn to create Defence news

## **CURRICULUM ENRICHMENT COURSES**

### **PROFESSIONAL EDUCATION COURSES:**

These courses are career-oriented which provide exposure to recent technologies inclusion in business and related works, this course is handled by the enriched knowledge faculties are offered by Department of Business Administration. All these courses are conducted from fifth semester to sixth semester, with three contact hours per week (12 weeks).

#### **TALLY 9.0 (P.E)**

Tally. ERP 9 is the world's fastest and most powerful concurrent Multi-lingual Business Accounting and Inventory Management software. Tally. ERP 9 is designed to automate and integrate all your business operations, such as sales, finance, purchasing, inventory, and manufacturing.

## **ADDITIONAL ONLINE COURSES**

Course Teachers exhort the students to do additional online course or supplementary courses through various online platforms offered by Ministry of Human Resource Department,

#### **1. SWAYAM On-line Courses**

SWAYAM (Study Webs of Active Learning for Young Aspiring Minds) is the online education platform <https://swayam.gov.in/>, developed by MHRD, Govt. Of India. It offers numerous courses with transferable credits. All courses are offered free of cost under this program; however, fees are levied in case the learner requires a certificate. The students register themselves in a course which they like and produce the certificate after their completion of the course. Every BBA student is asked to undertake at least a single SWAYAM course per year.

#### **2. UG MOOCs**

Students and learners can access UG courses through this link. These are learning material of the

SWAYAM UG archived courses. [http://ugcmoocs.inflibnet.ac.in/ugcmoocs/moocs\\_courses.php](http://ugcmoocs.inflibnet.ac.in/ugcmoocs/moocs_courses.php)

#### **3. e-PG Pathshala**

It provides great quality, curriculum-based, interactive e-content containing 23,000 modules (e-text and video) in various disciplines of social sciences, arts, fine arts and humanities, natural & mathematical sciences. <https://epgp.inflibnet.ac.in/>

4. **e-Content courseware in UG subjects**

It provides e-content in 87 UG courses with about 24,110 e-content modules. <http://cec.nic.in/>

5. **SWAYAMPRAKASHA**

It is a group of 32 DTH channels delivering high quality educational curriculum based courses covering diverse disciplines such as arts, science, commerce, performing arts, social sciences & humanities subjects, engineering, technology, law, medicine, agriculture etc to all teachers, students and citizens across the country interested in lifelong learning. These channels are free to air and can also be accessed through your cable operator. The telecasted videos/lectures are also archived videos on the Swayamprakashportal. <https://swayamprakash.gov.in/>

6. **CEC-UGC YouTube channel**

It provides free access to unlimited educational curriculum based lectures.

<https://www.youtube.com/user/cecedusat>

7. **National Digital Library**

It is a digital repository of a vast amount of academic content in different formats and provides interface support for leading Indian languages for all academic levels including researchers and life-long learners, all disciplines, all popular form of access devices and differently-abled learners. <https://ndl.iitkgp.ac.in/>

## **BRIDGE COURSES**

Bridge Courses for first year students are conducted intensely at the beginning of every year and throughout the year. It is based on the performance of the students in CIE and Semester examinations. The main objective is to enable the students to understand the basic concepts and frameworks related to English.

English for Life (for all first-year students, two semesters)

**VOCATIONAL COURSES:** Vocational courses aim at equipping the students with practical skills for a specific profession or field which helps them to upgrade their skills for that particular career.

The following vocational courses are offered

1. Craftwork,
2. Tailoring
3. Mushroom Cultivation