

BACHELOR OF Defence & Strategic Studies (DS)

Affiliated to Thiruvalluvar University

PROGRAM HAND BOOK

CURRICULUM AND SYLLABUS UNDER CBCS

WITH EFFECT FROM 2023-2024



DON BOSCO COLLEGE (CO-ED)
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PROGRAMME OVERVIEW

BA Defence Studies is a postgraduate Defence Studies course. The course is three years program that includes a comprehensive and thorough study of Defence Strategic Studies as a discipline at an advanced level..

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 with Mathematics as a subject 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** - Allied papers including practicals wherever applicable are offered as prescribed in the scheme of Examination by the Boards of Studies of different subjects. There shall be 4 papers, one each in I, II, III and IV semester, for all UG Courses except for Science courses with practicals. For all the 4 semesters, the total number of credits for Allied courses shall be 20 only.

(iii) **Electives Courses** - Three elective courses with (3x3=) 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 5th semester or 6th 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 (2x2=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 upto XII std and taken a non-Tamil language under Part-I shall take Advanced Tamil comprising of two courses with 2 credits each (2x2=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 comprising of two courses with (2x2=) 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 (4x3= 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 1st Semester, under Part IV of the programme.
2. Value Education - offered in 2nd Semester under Part IV of the programme.
3. Soft Skill - offered in 2nd 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 2nd 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 UNI.EXAM	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 rd & 4 th Units of the Syllabus)	10	
4	Test-2 (First 4 Units of the Syllabus for 2 Hours duration)	-	50
5	Assignment-3 (5 th Unit of the Syllabus)	10	-
6	Test-3 (Entire Syllabus for 3 Hours duration)	-	100
	TOTAL MARKS	30	200

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 UNI.EXAM	CIA TOTAL	PASSING MINIMUM FOR CIA	TOTAL MARKS ALLOTTED	PASSING MINIMUM (UNI.EXAM+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
	TOTAL MARKS	30	75
	Marks to be converted to	10	15
	Total Maximum Marks for CIA	25	

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
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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

Sem. No	Part No	Course	Subject code	Course Title	Ins. Hrs/Week	Credit	Exam Hrs	Marks		Total
								Int	Ext	
I	I	LC – I	23ULT10	Language Tamil	6	3	3	25	75	100
	II	ELC – I	23ULE10	English	6	3	3	50	50	100
	III	CC – I	23UDS11	Strategic Study of India	6	5	3	25	75	100
	III	CC – II	23UDS12	Fundamentals of War and Peace	5	5	3	25	75	100
	III	EC-I	23UEDS13	An Introduction to Political Science I	5	3	3	25	75	100
	IV	SEC – I	23USDS14	Skill Enhancement Course - I Technical Writing in Defence	2	2	3	25	75	100
	IV	SEFC – I	23UFDS15	India Since Independence	2	2	3	25	75	100
				Total	32	23				700
	I	LC – II	23ULT20	Language Tamil	6	3	3	25	75	100
	II	ELC – II	23ULE20	English	6	3	3	25	75	100
	III	CC – III	23UDS21	Warfare in India (up to 1947)	5	5	3	25	75	100

II	III	CC – IV	23UDS22	World Military History	5	5	3	25	75	100
	III	EC – II	23UEDS23	An Introduction to Political Science II	6	3	3	25	75	100
	IV	SEC-II	23USDS24	Defence Mechanism of India	2	2	3	25	75	100

Se m. No	Par t No	Course	Subject code	Course Title	Ins. Hrs/ Week	Credit	Exa m Hrs	Marks		Tota l
								Int	Ext	
	IV	SEC- III	23UNM20	Military Psychology /	2	2	3	50	50	100
			23USDS25	Naan Mudhalvan						
				Total	32	23				700
III	I	LC – III		Language Tamil	6	3	3	25	75	100
	II	ELC-III		English	6	3	3	50	50	100
	III	CC -V		Fundamentals of National Security	5	5	3	25	75	100
	III	CC – VI		International Relations	5	5	3	25	75	100
	III	EC – III		Principles of Economics-I	5	3	3	25	75	100
	IV	SEC-IV		Human Rights	1	1	3	25	75	100
	IV	SEC-V		Introduction to Industrial Security/ Naan Mudhalvan	2	2				100
				EVS	2	2				100
					Total	32	23			
IV	I	LC – IV		Language Tamil	6	3	3	25	75	100
	II	ELC-IV		English	6	3	3	50	50	100
	III	CC -VII		Geo politics and Military Geography	5	5	3	25	75	100
	III	CC-VIII		Limited Wars	5	5	3	25	75	100
	III	EC – IV		Principles of Economics-II	6	3	3	25	75	100

Se m. No	Par t No	Course	Subject code	Course Title	Ins. Hrs/ Week	Credit	Exa m Hrs	Marks		Tota l
								Int	Ext	
	IV	SEC-VI		Introduction to Police Administration	2	2	3	25	75	100
	IV	SEC-VII		NuclearWarfare/ Naan Mudhalvan	2	2	3	25	75	100
				Total	32	23				700
V	III	CC-IX		International Law	5	4	3	25	75	100
	III	CC-X		Indian Military Operations (Since 1947)	5	4	3	25	75	100
	III	CC-XI		Basics of Defence Economics	5	4	3	25	75	100
	III	CC-XII		Specialized Warfare	5	4	3	25	75	100
	III	EC – V		Fundamentals of Defence Journalism	4	3	3	25	75	100
	III	EC – VI		NewsWritingProcedureandNews Story/ Naan Mudhalvan	4	3	3	25	75	100
	IV	VE		Value Education	2	2	3	25	75	100
	IV	IV		Internship/Industrial Training		2				100
				Total	30	26				800
VI	III	CC-XIII		Elementary Strategic Thought	6	4	3	25	75	100
	III	CC-XIV		Comprehensive Security	6	4	3	25	75	100

	III	CC-XV		Arms Control and	6	4	3	25	75	100
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Se m. No	Par t No	Course	Subject code	Course Title	Ins. Hrs/ Week	Credit	Exa m Hrs	Marks		Tota l
								Int	Ext	
				Disarmament						
	III	EC – VII		Disaster Management	5	4	3	25	75	100
	III	EC – VIII		Elementary Study of the Constitution of India / Naan Mudhalvan	5	2	3	25	75	100
	IV	PCS		Project/Viva Voce	2	2				100
	V	EA		Extension Activity	-	1		10 0		100
				Total	30	21				700
				Total Credits	180	140				440 0

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

Part	Subject	Papers	Credit	Total Credits	Marks	Total Marks
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
	Total	43		140		4300

SKILL ENHANCEMENT COURSE:

I Semester (subject of the following Non Major Elective -I chosen by the candidate)		II Semester (subject of the following Non Major Elective -I chosen by the candidate)	
@Sub. Code	SEC	@Sub. Code	SEC
	SEC –I Technical Writing in Defence		SEC –II Defence Mechanism of India
	Foundation Course India since Independence		SEC –III Military Psychology

III Semester (subject of the following Non Major Elective -I chosen by the candidate)		IV Semester (subject of the following Non Major Elective -I chosen by the candidate)	
@Sub. Code	SEC	@Sub. Code	SEC
	SEC –IV Human Rights		SEC –VI Introduction to Police Administration
	SEC –V Introduction to Industrial Security		SEC –VII Nuclear Warfare

VISION AND MISSION OF DEFENCE AND STRATEGIC STUDIES

A. VISION

"To be a globally recognized and pioneering center of excellence in Defence and Strategic Studies, empowering students with comprehensive knowledge, fostering critical thinking, and nurturing ethical leadership skills to shape the future of national and international security while promoting peace, security, and stability in an ever-changing world."

B. MISSION

"To provide comprehensive training to students in Defence and Strategic Studies, equipping them with valuable knowledge and practical skills that enhance their employability in the field."

C. AIM AND OBJECTIVES:

The UG degree in Defence and Strategic Studies curriculum aims to provide opportunities for students to

- Impart knowledge and develop National security-oriented aptitude and disseminate ideas of War and Peace.
- Generate adequate knowledge base in this discipline, to reflect its relationship with other social sciences and make it more pertinent to national ethos.
- Mobilize / create awareness among the public in favour of the requirements of National Security.

Programme Outcomes –UG – B.A (DEFENCE AND STRATEGIC STUDIES)

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.

Program 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 defense 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. Analyze and synthesize information from diverse sources to develop evidence-based policy recommendations for national defense and security decision-makers.

MAPPING OF INSTITUTION OBJECTIVES WITH PEOs

COLLEGE / PROGRAMME	EDUCATION	EMPLOYABILITY	RESEARCH	ETHICAL AND PROFESSIONAL GROWTH
PE01: EDUCATION	√	√	√	√
PE02: EMPLOYABILITY		√	√	
PE03: RESEARCH	√		√	√
PE04: COMM.SERVICE		√	√	√

4.6 MAPPING PEOs WITH POs / PSOs

PEO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PS O 7	PS O 8	PS O 9	PS O 10	PS O 11	PS O 12	PS O 13	PS O 14
1: EDUCATION	√	√	√			√	√	√	√	√	√	√	√	√
2: EMPLOYABILITY	√	√		√			√	√	√	√	√		√	√
3: RESEARCH	√		√	√		√	√	√	√	√	√		√	√
4: ETHICAL AND PROFESSIONAL GROWTH	√		√	√		√	√	√	√	√	√		√	√

	23UDS21	Warfare in India (up to 1947)	√	√	√	√	√	√	√			√				
	23UDS22	World Military History	√	√	√	√	√	√					√	√		√
	23UEDS 23	An Introduction to Political Science II	√	√	√	√	√	√			√					
	23USDS 24	Defence Mechanism of India	√	√	√	√	√	√								
	23ULT20	Military Psychology / Naan Mudhalvan	√	√	√	√	√	√								
	23ULE20	Naan Mudhalvan- Overviwe of English Communication	√	√	√	√	√	√								
3	FLT30	Language Tamil	√	√	√	√	√	√	√			√				
		English	√	√	√	√	√	√		√						
	FDS31	Fundamentals of National Security	√	√	√	√	√	√		√	√	√				

	FEDS65 A FEDS65 B FEDS65 C	Project/Viva Voce	√	√	√	√	√	√				√					
	FSDS66	Extension Activity	√	√	√	√	√	√									

DETAILED SYLLABI

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

நோக்கம்

- மாணவர்கள் கவிதைகற்பதின் வாயிலாக அவர்கள் கவிதை எழுத கற்றுக்கொள்கிறார்கள்
- உரைநடைகற்பதின் வாயிலாக வாசிக்கக் கற்றுக்கொள்கிறார்கள்
- நாடகம் வாசிப்பதினால் மாணவர்கள் மனம் மொழிமெய் மூலமாக தங்கள் திறன்களை வெளிப்படுகின்றனர்
- சிறுகதை படிப்பதினால் மாணவர்கள் வாசிக்கும் பழக்கத்தினை பெறுகின்றார்கள்
- மொழித்திறன் பயிற்சி பெறுவதின் மூலமாக மாணவர்கள் மொழியை பிழையின்றி பேசவும் எழுதவும் கற்றுக்கொள்கிறார்கள்.

அலகு - 1 கவிதை

- பாரதியார் - 1. உறுதிவேண்டும், 2. புதுமைப்பெண்
- பாரதிதாசன் - புரட்சிக்கவி "பேரன்புகொண்டவரே" என்ற பாடல் முதல்

"கவிஞனுக்கும் காதலிக்கும்" என்ற பாடல் வரை.

- கவிமணி - ஆசியஜோதி - புத்தரும் ஏழைச் சிறுவனும்
- கண்ணதாசன் - நீமணி, நான் ஒலி!
- கவிஞர் அறிவுமதி - நட்புக் காலம்
- வைரமுத்து - தமிழுக்கு நிறமுண்டு - கூடு
- மு. மேத்தா - வாழைமரத்தின் சபதம்
- செ. அன்னகாமு - நாட்டுப்புறப் பாடல்கள் - தாலாட்டு, ஒப்பாரி
- அப்துல் ரகுமான் - கனவுநாயகன் - அப்துல் கலாம்

அலகு - 2 உரைநடை

- உள்ளுணர்வுகனவாக வெளிப்படுகிறது - எம்.எஸ். உதயமூர்த்தி
- வீழ்ந்த ஆலமரம் - கல்கி

3. ஏழாவது அறிவு (போரின்றி வெற்றிமட்டும்) - வெ. இறையன்பு

அலகு - 3 நாடகம்

1. மாங்கல்யப் பிச்சை - டி.என். சுகி. சுப்பிரமணியம்
2. சாபம் விமோசனம் - மு. இராமசாமி

அலகு - 4 சிறுகதை

1. வளையாதபனைகள் - இரா. நந்தகோபால்
2. ஒருசிறு இசை - வண்ணதாசன்

அலகு - 5 மொழித்திறன்

1. அகரவரிசைப்படுத்தல்
2. ண-ன-ந, ல-ள-ழ, ர-ற வேறுபாடு அறிதல்
3. தன் விவரக் குறிப்புதயாரித்தல்
4. கலைச் சொல்லாக்கம்
5. ஒற்றுப்பிழை, தொடர்பிழை நீக்கி எழுதுதல்

இலக்கியவரலாறு

பாடப்பகுதியை ஒட்டிய இலக்கியவரலாறு : 20-ஆம் நூற்றாண்டுக் கவிஞர்களும்

கவிதைகளும், உரைநடை, நாடகம், சிறுகதை.

சிறப்பு நோக்கம்

1. மரபு வழியான கவிதைபோக்கும் புதுவகையிலான நோக்கும் கலந்த இச்சூழல் கவிதை இலக்கியத்திற்கு ஒரு திருப்பு முனையாக அமைந்தது.
2. மாணவர்கள் எளிதில் நேரே பொருளை உணர்ந்துக்கொள்ளாதல் இதன் மூலம் மாணவர்கள் படிக்கும் ஆற்றலை வளர்த்துக்கொள்கிறார்கள்.
3. மாணவர்கள் நாடகம் படிப்பதின் வாயிலாக தங்களின் தனித்திறமை வெளிப்படுத்துவதற்கு ஏதுவாக இப்பாடப்பகுதி அமைகிறது.
4. மாணவர்கள் சிறுகதையை படிப்பதின் வாயிலாக தங்களின் தனித்திறமையை வெளிப்படுத்துவதற்கு ஏதுவாக சிறுகதை எழுதும் ஆற்றலை பெறுகிறார்கள்.

5. மாணவர்கள் மொழித்திறனை அறிவதின் விளைவாக தாய் மொழியை பிழையின்றி பேசவும் பிழையின்றி எழுதவும் இலக்கண முறைமையுடன் எழுத கற்றுக்கொள்கிறார்கள்.

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

First Semester				
Course Title		STRATEGIC STUDY OF INDIA		
Course Code				
Course No	Course Category Core/Elective/Allied / NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
CC-I	Core	5	5	25+75=100

Course objectives:

After completing this course, students will be able to :-

- Understand India's Strategic importance
- Acquire understanding of India in terms of its strong and weak potentials

UNIT I – Introduction

(15 Hours)

- (a) Strategic Setting of India (b) Salient features of freedom struggle
(c) Geo-Strategic location, size, borders.

UNIT II - Physiographic Features

(15 Hours)

- (a) Himalayas, Indo-Gangetic Plain and Deccan Plateau
(b) Ethnic & Linguistic Composition

UNIT III - System of Governance:

(15 Hours)

- (a) Salient Features of Indian Constitution

(b) National Flag, National Anthem & National Institutions

UNIT IV – National Power Resources:

(15 Hours)

(a) Agricultural (b) Industrial (c) Natural

UNIT V - Military Potential:

(15 Hours)

(a) Defence Industries (b) Institutions of DRDO (c) Private Sectors

Reference Books:

1. India Year Book, Publication Division – New Delhi
2. Manorama Year Book
3. D.G. Chandler, The Atlas of Military Strategy: The Art, Theory and Practice of War, London
4. Husain, Majid, (2017) Geography of India 7th edition- Majid Husain, McGraw Hill

Web Resources

1. <https://knowindia.india.gov.in/profile/physical-features.php>
2. <http://www.excellup.com/classnine/sstnine/physicalfeature.aspx>
3. <https://www.india.gov.in/topics/governance-administration>
4. <https://www.britannica.com/place/India/Resources-and-power>

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K – Levels
CO1	Define the term Bharat, Hindustan and India. Explain the salient features of India and Geo-strategic location.	K1, K2, K4
CO2	Highlight the important survey of physiographic features, Discuss India's ethnic and linguistic composition.	K1, K2, K3
CO3	Discuss the role of the system of governance and what are the importance of the governance. Outline the salient features of Indian constitution.	K1, K2, K3, K4
CO4	List out importance of India's resources, To develop the power resources of the nation.	K1, K2, K3, K5
CO5	Explain the role of Defence Industries in India and to demonstrate the part played by the Defence Industries and DRDO.	K1, K2, K4
K1 – Remembering, K2– Understanding, K3 –Applying, K4 –Analysing, K5–Evaluating, K6–Creating.		

First Semester				
Course Title		FUNDAMENTALS OF WAR AND PEACE		
Course Code				
Course No	Course Category Core/Elective/Al- lied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal+ External)
CC- II	Core	5	5	25+75=100

Course objectives:

After completing this course, students will be able to –

- Clearly understand the definition, meaning and distinguish basic concepts of war;
- Various types of war and its various typologies, techniques and characteristics; and
- Grasp the concept and theories of nuclear war in detail.

Unit 1 : INTRODUCTION

- Nomenclature and understanding of the terms Military Science, Military Studies, War Studies, Peace Studies, Conflict Studies, Defence Studies and Defence and Strategic Studies
- Relevance and significance

Unit 2: BASIC CONCEPTS

- a) War, Strategy, Grand Strategy, Tactics, Campaign, Battle, Operations, Defence and Security
- b) Categorization of War: Civil war, Limited war, Chemical and Biological war, nuclear war, Guerrilla war, Insurgency and Low Intensity Conflicts

Unit 3: CAUSES AND PRINCIPLES OF WAR.

- a) Political, Economic, Military and Social causes
- b) Principles and types

Unit 4: UNDERSTANDING OF PEACE

- a) Meaning, Definition and Forms of Peace
- b) Role of Peace Education and Peace Movements
- c) Concepts of Peaceful Co-existence & Zone of Peace

Unit 5: MECHANICS OF WAR AND PEACE

- a) Amicable Settlement of International Disputes
- b) International Law and Peace, Peace Treaties, International Court of Justice
- c) Concepts of Peace Making, Peacekeeping & Peace Building

Reference Books:

1. Andreski S., (1968) Military Organization and Society, Univ. California Press, Berkeley.
2. Anthony James Joes, (1996) Guerrilla Conflict before the Cold War, Praeger Publishers.
3. Aron R., (1966) Peace and War: A Theory Of International Relations, Praeger, New York.
4. Barringer R., (1972) War: Patterns Of Conflict, MIT Press, Cambridge, Mass.
5. Blainey G., (1973) The Causes Of War, Macmillan, London.

6. Montgomery Viscount, (1983) A History of Warfare, William Morrow &Co, New York City.
7. Mukherji and Shyam Lal, (1952) A Textbook of Military Science, Vol. II., Navayuga, New Delhi.
8. Osanka, F.M., (1962) Modern Guerrilla Warfare, Free Press of Glencoe, New York.
9. Sidhu, K.S., (1988) War and Its Principles, Atlantic, New Delhi.
10. Tripathi, K.S., (1970) Evolution of Nuclear Strategies, Vikas, New Delhi
11. Wright, Quincy, (1942) Study of War, University of Chicago

Press. **Web Resources**

1.<http://www.businessdictionary.com/definition/strategy.html>

2. <https://www.jstor.org/stable/173845>

3. <https://www.britannica.com/topic/psychological-warfare>

4. <https://www.claws.in/topic/nuclear/>

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K – Levels
CO1	Define war and peace. Explain the nomenclature of the subject defence and strategic studies and outline the relevance and significance of the program defence and strategic studies.	K1, K2, K4
CO2	Outline the basic concepts of war, strategy, tactics, campaign, battle, and defence and security. Classify wars and explain the categorization of war.	K1, K2, K3
CO3	Discuss the causes of war and the principles of war	K1, K2, K3, K4
CO4	Define peace and explain the various forms of peace. Analyse the role of peace education and peace movements. Explain the concept of peaceful coexistence and zone of peace.	K1, K2, K3, K5
CO5	Discuss the mechanics of war and peace. Evaluate the methods of settling international disputes and discuss the role of international law and international court of justice. Distinguish the concepts of peace making, Peace keeping and peace building.	K1, K2, K4
K1 – Remembering, K2 – Understanding, K3 –Applying, K4 –Analysing, K5 –Evaluating, K6 –Creating.		

First Semester				
Course Title		AN INTRODUCTION TO POLITICAL SCIENCE–I		
Course Code				
Course No	Course Category Core/Elective/ Allied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
EC I	ELECTIVE	3	4	25+75=100

Course objectives:

After completing this course, students will be able to –

- Understanding of the state, its origin, its power, laws of the land and the rights of the people and able to differentiate between state and other human groups.

Unit I Introduction

(18 Hours)

Political Science as a discipline – Meaning and definition- Nature and Scope – Is Politics a Science or Art – Methods of Political Science.

Unit II State and Nation

(18 Hours)

State: Definition, Elements and Functions of State – Distinction between State and Government, State and Society, State and Association, Distinction between State and Nation,

Nation and Nationality

Unit III Theories of Origin of State

(18 Hours)

Divine Rights Theory – Force Theory – Social Contract Theory (Hobbes, Locke and Rousseau) – Matriarchal Theory - Patriarchal Theory – Historical or Evolutionary theory.

Unit IV Sovereignty and Pluralism

(18 Hours)

Sovereignty: Definition and Kinds of Sovereignty – Austin’s theory of Sovereignty – The Concept of Pluralism.

Unit V The State and the Individual

(18 Hours)

Law: Meaning and Sources of Law – Rights: Kinds of Rights and Fundamental Rights – Liberty: Types of Liberty and Safeguards – Equality: Meaning and Types of Equality - Relation with liberty and rights.

Reference Books:

1. Amal Ray and Mohit Bhattacharya: Political theory : Ideas and Institutions, Calcutta, The World Press.
2. R.C. Macridis, R.C. (ed.) Modern Political System, Prentice Hall International.
3. A.C. Kapoor: Principles of Political Science.

Web Resources

<https://www.politicalsciencenotes.com/essay/state/theories-on-the-origin-of-state-essay->

[theories](#)

[- political-science/1513](#)

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K – Levels
CO1	Define Political science and outline its nature and scope. Explain the methods of political science.	K1, K2, K4
CO2	Describe the various elements of the state and explain the functions of the state. Distinguish between state and Nation, Nation and Nationality.	K1, K2, K3
CO3	Analyze and Asses the important of Various theories of origin of state.	K1, K2, K3, K4
CO4	Define and kinds of Sovereignty, Analyze the importance of Sovereignty and Pluralism	K1, K2, K3, K5
CO5	Describe the role of the state and also explain in the role of individuals with reference to fundamental rights, liberty, and duties.	K1, K2, K4

K1 – Remembering, **K2**– Understanding, **K3** –Applying, **K4** –Analysing , **K5**–Evaluating ,
K6–Creating.

First Semester				
Course Title		INDIA SINCE INDEPENDENCE		
Course Code				
Course No	Course Category Core/Elective/Allied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal+ External)
SEC -1	SEC -1	2	2	25+75=100

Course objectives:

After completing this course, students will be able to –

- Highlight the physiographic, historical, socio-political, cultural, and economic structure of independent India.
- Understand and relate this to the contemporary development that impinges on its politico strategic policy orientation.

UNIT I –Introduction - Size, Location and Physical Environment conditions of India.
(15 Hours)

UNIT II -Cultural Patterns, Population Dimension, Rural and Urban India
(15 Hours)

UNIT III-Basics of Indian Economy-Resources and Life Lines of Economy
(15 Hours) **UNIT IV**-Constitution of India-Its Features, Preamble, Fundamental Rights-

Directive Principles of State Policy

(15 Hours)

UNIT V- Challenges to India's Social Harmony-Poverty, Illiteracy and Social Backwardness, Fundamentalism (15 Hours)

Reference Books:

1. IndiaYearBook,PublicationDivision–NewDelhi
2. ManoramaYear Book
3. D.G.Chandler,TheAtlasofMilitaryStrategy:the art, theoryand practiceofwar(London,1980)

Web Resources

1. <http://www.publicationsdivision.nic.in/>
2. http://en.wikipedia.org/wiki/Manorama_Yearbook
3. <http://www.britannica.com/EBchecked/topic/285248/India>

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K - Levels
CO1	Explain the Location and Physical Environment	K1,K2,K3
CO2	Cultural Patterns, Population Dimension, Rural and Urban India	K1,K2,K3,K4

CO3	Basics of Indian Economy-Resources and Life Lines of Economy	K1,K3,K4
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CO4	Constitution of India-Its Features, Preamble, Fundamental Rights-DirectivePrinciplesof State Policy	K1,K2,K3,K4
CO5	Causes of India's Social Disharmony-Poverty, Illiteracy and SocialBackwardness	K1,K3,K4
K1 – Remembering, K2 – Understanding, K3 –Applying, K4 –Analysing , K5 – Evaluating , K6 –Creating.		

FirstSemester				
CourseTitle		TECHNICAL WRITING IN DEFENCE		
CourseCode				
Course No	Course CategoryCore/Elective/Allied/NME/SEC	No ofCredits	No. ofhrs/week	Total Marks(Internal+External)
SEC-1	Skill Enhancement Course -1	2	2	25+75=100

Course objectives:

After completing this course, students will be able to –

- Develop their Listening, Reading, Writing skills.
- Develop their communication skills related to the Defence Studies.

UNIT I –

- Skills in Listening and Writing
- Skills in Reading and Understanding

UNIT II –

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

UNIT III –

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

UNITIV-

- a) Grammatical skills and Spelling rules
- b) Career skills

UNITV-

- a) Skills of Formal and In-formal Expressions
- b) Skills of Non-verbal Communication

ReferenceBooks:

Soft Skills by Trinity Publication

WebResources

METHODOLOGYOFTEACHING

Classlectures,GroupDiscussion,Assignments,Field-basedlearning.

COURSEOUTCOMES(CO):

Uponcompletionofthiscourse,thestudentswillbeableto:

CO	CourseOutcomes	K-Levels
CO1	Learns the Writing, Listening, Reading skills	K1,K2,K3
CO2	Learns the Interpretation skills	K1,K2,K3,K4
CO3	Learns the communication skills	K1,K3,K4
CO4	Learns the Grammatical Skills	K1,K2,K3,K4

CO5	Learns Formal and Nonverbal communications	K1,K3,K4
K1 –Remembering, K2 – Understanding, K3 –Applying, K4 –Analysing, K5 –Evaluating, K6 –Creating.		

SEMESTER-II

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

நோக்கம்

1. மாணவர்கள் வாழ்க்கையில் அறம், ஒழுக்கம் சார்ந்த செயல்பாடுகளில் தங்களை இணைத்துக்கொள்வதற்கு பக்திமார்க்கம் துணைப் புரிகின்றது.
2. மாணவர்கள் நாயன்மார்களை கற்பதினால் சிவனுடைய பெருமைகளை அறிந்துக்கொள்கின்றனர்.
3. மாணவர்கள் ஆழ்வார்களை படிப்பதனால் திருமால் பெருமைகளை தெரிந்துக்கொள்கின்றனர்.
4. மாணவர்கள் சிற்றிலக்கியங்களை வாசிப்பதினால் 96 வகையான சிற்றிலக்கியங்களைப் பற்றி புரிந்துக்கொள்கின்றனர்.
5. மொழித்திறன் பயிற்சி பெறுவதின் வாயிலாக மாணவர்கள் பொதுக்கட்டுரைகள் எழுதுவதற்குப் பயிற்சிப்பெறுகிறார்கள்.

அலகு - 1

அ. திருஞானசம்பந்தர் - தேவாரம் - திருவீழிமிழலை - வாசிதீரவே

(முழுவதும்)

ஆ. மாணிக்கவாசகர் - திருவாசகம் - பிடித்தபத்து (அம்மையே, அருளுடை,

ஒப்புனக்கு, பாசுவேர், பால்நினைந்து)

இ. திருமூலர் - திருமந்திரம் - (உடம்பினைமுன்னம்,யாவர்க்குமாம்,

ஒன்றேகுலமும்,உள்ளம் பெருங்கோயில்,ஆர்க்கும்)

அலகு - 2

அ. ஆண்டாள் - திருப்பாவை (முதல் 5 பாடல்கள்)

ஆ. தொண்டரடிப்

பொடியாழ்வார் - திருப்பள்ளியெழுச்சி (முதல் 5 பாடல்கள்)

இ. குலசேகராழ்வார் - பெருமாள் திருமொழி, 4-ஆம் திருமொழி,

ஊனேறுசெல்வம் ... (முதல் 5 பாடல்கள்)

அலகு - 3

அ. தமிழ்விடுதாது - கண்ணி 69 முதல் 90 வரை

ஆ. திருக்கயிலாயஞானஉலா - 1 முதல் 10 கண்ணிகள் வரை

இ. தஞ்சைவாணன் கோவை - 1 முதல் 5 பாடல்கள்

அலகு - 4

அ. இராமலிங்கஅடிகள் - திருவருட்பா - பிள்ளைச் சிறுவிண்ணப்பம்

ஆ. எச்.ஏ. கிருஷ்ணப்பிள்ளை - இரட்சண்யயாத்திரிகம் - குமாரப்பருவம் -

இரட்சணியசரிதப் படலம்

இ. குணங்குடி மஸ்தான்சாகிபு - மஸ்தான் சாகிபுபாடல்கள் - பராபரக் கண்ணி

(1-40 கண்ணிகள்)

ஈ. முத்தொள்ளாயிரம் - 9 பாடல்கள்

அலகு - 5

அ. நேர்காணல்

ஆ. பொதுக்கட்டுரைகள்

சிறப்பு நோக்கம்

1. மாணவர்கள் தமிழ் இலக்கியத்தில் அடியார்களின் தமிழ்ப்பற்றையும் சைவத்திருமுறைகள் பன்னிரண்டுகுறித்தும் அறிந்துக்கொள்கிறார்கள்
2. மாணவர்கள் நாயன்மார்கள், சித்தர்களின் வாழ்க்கைவரலாற்றையும் அவர்கள் பாடியபாடல்களையும் அறிந்துக்கொள்கிறார்கள்.
3. நாலாயிரதிவ்யபிரபந்தத்தில் ஆழ்வார்களின் வாழ்க்கைவரலாற்றை தெரிந்துக்கொள்வதுடன் வாழ்க்கையில் பின்பற்றவும் செய்வார்கள்.
4. சங்க இலக்கியங்களின் தனிப்பாடல்களாகவருகின்ற சிற்றிலக்கியங்களை மாணவர்கள் பிழையின்றி எழுதவும் படிக்கவும் செய்வார்கள்.
5. மாணவர்கள் தூது, உலா, கோவை ஆகிய சிற்றிலக்கியவகைகளை அறிந்துக்கொள்கிறார்கள்
6. மாணவர்கள் சமயம் குறித்தும் கிறித்துவம், இஸ்லாமியம் ஆகிய சமய நூல்களில் கூறும் வரலாற்றுச் செய்திகளை அறிந்துக்கொள்கிறார்கள்.
7. மாணவர்கள் பொதுக்கட்டுரை எழுதுதலும், பத்துறையில் தேர்ச்சிப்பெற்ற ஆளுமைகளை நேர்காணல் செய்தல் எப்படி என்பதனை தெரிந்துக்கொள்கிறார்கள்.

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.

Second Semester				
Course Title		WARFARE IN INDIA (UPTO 1947)		
Course Code				
Course No	Course Category Core/Elective/Allied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
CC -III	Core	5	5	25+75=100

Course objectives:

After completing this course, students will be able to –

To understand and appreciate the effects towards India's freedom struggle till 1947

Unit 1: WARFARE IN ANCIENT INDIA

- (a) Military System in Vedic, Puranic and Epic ages
- (b) Alexander's Invasion of India
- (c) Rise of Mauryan Empire and its military system
- (d) Kautilya's philosophy of war and peace.

Unit 2: WARFARE IN MEDIEVAL INDIA

- (a) Arab Conquest of Sind (Battle of Rawar)

- (b) Ghazni's invasions (Battle of Somnath)
- (c) Md.Ghori's Conquest of India (Battle of Terrain I and II)
- (d) Foundation of Mughal Empire in India (Battle of Panipat I and II)

Unit 3: MILITARY SYSTEM OF SOUTH INDIA (MEDIEVAL PERIOD)

- (a) Rise of Pallavas and their Military system
- (b) Chola Imperialism and military system
- (c) Conquests of Pandya emperors and their military system

Unit 4: RISE OF MARATHASAND SIKHS

- (a) Sivaji as a great guerrilla leader
- (b) Military system of the Marathas
- (c) Rise of Sikhism
- (d) Military system of Maharaja Ranjit Singh

Unit 5: ARRIVAL OF THE EUROPEANS

- (a) British Conquest of Bengal
- (b) Anglo- Mysore Wars
- (c) Rise of Presidency Armies
- (d) First War of Independence 1857 (Causes and Consequences)

[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
- 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) Anjoli Nirmal, The Decisive Battles of Indian History, Jaipur: Pointer Publications,1999.

Web Resources

1. https://sites.ualberta.ca/~enoch/Readings/The_Art_Of_War.pdf
2. <https://newschoolsinger.com/wp-content/uploads/2018/11/the-complete-art-of-war.pdf>
3. https://media.defense.gov/2017/May/05/2001742916/-1/-1/0/FP_0012_MOORE_ART_AERIAL_WARFARE.PDF
4. <https://indianarmy.nic.in/writereaddata/documents/DGMT021215.pdf>

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K - Levels
CO1	Discuss the warfare in ancient India with reference to military system in Vedic, Puranic, and epic ages also clarify the wars in the ancient period and explain the Mauriyan military system and appraise Kautilya's philosophy of war and peace. with reference to the area's invasion of India	K1, K2, K4
CO2	Explain the warfare in the medieval India and the foundation of the Mughal emperor in India.	K1, K2, K3
CO3	Outline the military system of south India with reference to Cheras, Cholas, and Pandyas	K1, K2, K3, K4
CO4	Describe the revival of Hindu monarchy. Explain the military system of Maratha's under Shivaji, the rise of Sikhism and military system of maharaja Ranjit Singh.	K1, K2, K3, K5
CO5	Assess the entry of the Europeans to India and explain the British conquest of Bengal, the rise of presidencies and evaluate the consequences of the first war of independence.	K1, K2, K4
<p>K1 – Remembering, K2– Understanding, K3 –Applying, K4 –Analysing , K5–Evaluating , K6–Creating.</p>		

SECOND SEMESTER				
Course Title		WORLD MILITARY HISTORY		
Course Code				
Course No	Course Category Core/Elective/Allied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
CC IV	Core	5	5	25+75=100

Course objectives:

After completing this course, students will be able to –

- Become familiar in evolution of warfare from early times
- Outline the wars which were fought from 4th century BC to 19th Century AD
- Analyse and study on World War 1 and 2; causes and military lessons.

UNIT-I Military System in Ancient Greece

- a. Greek Military Organization b. Greco-Persian War (Battle of Marathon, Salamis)
- c. Rise of Alexander’s Empire (Battle of Issus, Arbela) **(15 Hours)**

UNIT-II Military System in Ancient Rome

- a. Roman Military Organization b. Rome-Carthage Conflict (Battle of Cannae, Zama)
c. Julius Caesar's Military Campaigns **(15 Hours)**

UNIT-III Military System in Medieval Empire

- a. Military Reforms of Gustavus Adolphus b. French Revolution–Causes and Consequences
c. Napoleon's art of war (Battle of Trafalgar and Waterloo) **(15 Hours)**

UNIT-IV World War I

- a. Causes b. Trench and Mobile Warfare, effects of Gas c. Role of Naval and Air Power
d. Military lessons **(15 Hours)**

UNIT-V World War II

- a. Causes b. Blitzkrieg Tactics c. Role of Air Power and Naval Power d. Military Lessons
(15 Hours)

Reference Books:

1. Howard, Michael, (1977) War in European History, Oxford: Oxford University Press.
2. Keegan, John., (1993) A History of Warfare, New York: Vintage,.
3. Fuller, J.F.C., (1955) A Military History of the Western World, New York: Funk & Wagnalls Company.

4. Neilberg, Michael,S., (2001) Warfare in World History, London / New York: Routledge.
5. Andre Corviser, (ed.), (1994) A Dictionary of Military History, Oxford: Blackwell Publishers.
6. Dupey & Dupey, Encyclopaedia of Military History

Web Resources

1. <https://www.britannica.com/topic/list-of-wars-2031197>
2. <http://www.history.com/topics/world-war-i>
3. <http://www.britannica.com/EBchecked/topic/648813/World-War-II>

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K - Levels
CO1	Describe the military system of Ancient Greece; Explain the ideas of Alexander's military campaign, Battle plan and Battle tactics.	K1, K2, K4
CO2	Explain the military system in Ancient Rome, List out and discuss the Carthaginian wars, Rise of Hannibal and Julius Caesar.	K1, K2, K3
CO3	Evaluate the military reforms in Medieval period, describe the list of military system introduced by Gustavus Adolphus, outline the causes of French revolution and Explain the	K1, K2, K3, K4

	Napoleon's Era.	
CO4	What are the causes and the results of the world war-I and explain the role of naval and Air power.	K1, K2, K3, K5
CO5	What are the causes and the results of the world war-I and explain the outline role of naval and Air power.	K1, K2, K4
K1 – Remembering, K2 – Understanding, K3 –Applying, K4 –Analysing , K5 – Evaluating , K6 –Creating.		

Second Semester				
Course Title		AN INTRODUCTION TO POLITICAL SCIENCE– II		
Course Code				
Course No	Course Category Core/Elective/Al- lied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
EC II	ELECTIVE	3	4	25+75=100

B.A Degree Programme in Defence and Strategic Studies

Course objectives: –

This paper will provide the student a comprehensive understanding of the different forms of government. Organs of the government will be taught and the will have knowledge in terms of the electoral, system along with its process. The scope and role of the political parties and the pressure groups will be made know to the student and he will be made aware of the importance of public opinion.

Unit I Forms of Government

Leacock's Classification of Governments – Meaning – Unitary and Federal forms of Governments – Merits and Demerits – Parliamentary and Presidential form of government.

(18 Hours)

Unit - II Democracy

Democracy – Definition, Meaning and Principles – Merits and Demerits of Democracy
– Conditions for the success of democracy. **(18 Hours)**

Unit III Organs of Government

Legislature: Powers and Functions and Types – Executive: Powers and Functions and Types – Judiciary: Powers and Functions – Independence of Judiciary. **(18 Hours)**

Unit IV Public Opinion, Political Parties and Pressure Groups

Public Opinion: Meaning, Definition and Types – Agents of Public Opinion – Political Parties – Pressure Groups. **(18 Hours)**

Unit V Election

Electoral System - Importance of Elections and Universal Adult Franchise - Qualifications of Voters and Candidates – Methods of Minority representation – Territorial and functional representation – Conditions of good electoral process. **(18 Hours)**

Reference Books:

1. A.C. Kapoor: Principles of Political Science.
2. A. Appadurai : Substance of Politics : Oxford University Press, India.
3. V.D. Mahajan: Modern Governments (New Delhi: S.C. Chand & Co.)
4. M.N. Kaul and S.L. Shakhdar, Practice and Procedure of Parliament. Metropolitan Book Co.

Web Resources

1. <http://india.gov.in/my-government/forms>

2. <http://www.youspeakindia.org/organs-of-government/>

3. <http://eci.nic.in/eci/eci.html>

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K – Levels
CO1	To brief the concept of Leacock's classification of Government with its merits and demerits and also distinguish between the parliamentary and presidential form of government.	K1,K2,K3,k4
CO2	To introduce the concept of meaning and definition of democracy with merits and demerits and the necessary conditions.	K1,K2,K3,K4
CO3	It deals with the organs of the government and its function.	K1,K3,K4,K5
CO4	To interpret the role of public opinion and it's importance.	K1,K2,K3,K4
CO5	Brief overview of electoral system and it's process.	K1,K3,K4,K5

K1 – Remembering, **K2**– Understanding, **K3** –Applying, **K4** –Analysing , **K5**–
Evaluating ,

K6–Creating.

Second Semester				
Course Title		DEFENCE MECHANISM OF INDIA		
Course Code				
Course No	Course Category Core/Elective/Al- lied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
SEC-II	SEC	2	2	25+75=100

SECOND SEMESTER

Course objectives:

After completing this course, students will be able to –

The Defence of a country is structured on certain organizational pattern and mechanism. It is therefore essential to have a basic knowledge of them in the context of India.

Unit I: Introduction: (a) Defence as a primary function of a nation-state, (b) Higher Defence Organization of India (c) Power of President in relation to Armed Forces, (d) Composition and Functioning of Defence Committee during war and peace

(18 Hours)

Unit II: (a) Organization & Function of Ministry of Defence (b) Chief of Staff and Joint Service Organizations.

(18 Hours)

Unit III: Field & Static organizations of Indian Army, Indian Air Force and Indian Navy (b) Role and Functions of Para Military Forces. (18 Hours)

Unit IV: Organization & Function of various Indian Intelligence Agencies. (18 Hours)

Unit V: Recruitment Organizations: System and methods of recruitment in Army, Navy and Air Force at all levels. **(18 Hours)**

Reference Books:

- 1) Venkateswaran, A.L., Defence Organization 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).

Web Resources

<http://www.facts-about-india.com/important-battles-indian-history.php>

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K - Levels
CO1	To list out the various functions of Defence organization and its Role during war and peace time, and various defence organization with the Chiefs hierarchy with the Joint Service organization.	K1,K2,K3
CO2	To distinguish the static Organizations of Military and Paramilitary forces of India and their roles.	K1,K2,K4
CO3	To bring out the various organizations and its functions of intelligence agencies related to Defence.	K1,K3,K5
CO4	To understand the concept of Defence mechanism of various major power countries.	K1,K2,K3,K4
CO5	To examine the process of recruiting in the armed forces and its Procedures to be followed.	K1,K3,K5

K1 – Remembering, **K2**– Understanding, **K3** –Applying, **K4** –Analysing , **K5**–
Evaluating ,

K6–Creating.

Second Semester				
Course Title		MILITARY PSYCHOLOGY		
Course Code				
Course No	Course Category Core/Elective/Allied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
SEC III	SEC	2	2	25+75=100

Course objectives:

After completing this course, students will be able to –

Understand various techniques related to military psychology that would enhance outcome of friendly military operation or to reduce friendly casualties. To understand the need for mental healthcare in high stress military environment.

UNIT- I

Military Psychology: Nature, Scope, Historical perspective, Application, Developments, Contemporary issues and Emerging trends. Use of psychological tests in selection in the Defense Services

UNIT-II

Selection and Training of Military Personnel: Assessment of psychomotor, spatial abilities, interest, aptitudes, and personality; Training- training needs analysis, types and methods of training, evaluation and monitoring.

UNIT- III

Leadership in Military: Effective leadership, Leading small and large units, Leadership in peace and war, Leadership for change and stability, Leadership and subordination, Group cohesion and morale.

UNIT- IV

Human factors in Military Organizations: human errors, safety and accidents, ergonomics and system design; Vigilance, Complacency.

UNIT - V

Military as a unique organization: Structure and functional issues and future perspectives. Issues relating to training and performance in special situations, futuristic warfare.

Reference Books:

1. Hall, R., & Mangelndroff, D. (1991). Handbook of military psychology. John Wiley: USA.
2. Kennedy, C.H., & Zillmer, E.A. (2006). Military psychology: Clinical and operational applications. Guilford: New York, USA.
3. Ramachandran, K. (in press). Handbook of military psychology. Delhi: DIPR.
4. Reuven, G., A David, M., & S Dorff, .A.(1991), Handbook of Military Psychology. USA, John Wiley Sons.
5. Shalit, B. (1988). The psychology of conflict and combat. Praeger: NY

Web Resources

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K - Levels
CO1	Understand the field and history of military psychology, the principles of work, task and methods	K1,K2,K3,K4
CO2	To understand the selection and training of military personnel	K1,K2,K3,K4
CO3	To improve students knowledge in the field of Military Psychology with particular reference to Leadership quality.	K1,K3,K4,K5
CO4	To understand various human errors and other system designs	K1,K2,K3,K4
CO5	TO analyse the structure and functional issues in futuristic perspectives	K1,K3,K4,K5

K1 – Remembering, **K2**– Understanding, **K3** –Applying, **K4** –Analysing , **K5**–
Evaluating ,
K6–Creating.

SEMESTER III

B.A Degree Programme in Defence and Strategic Studies

Third Semester				
Course Title		FUNDAMENTALS OF NATIONAL SECURITY		
Course Code				
Course No	Course Category Core/Elective/Allied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal+ External)
CC V	Core	5	4	25+75=100

Course objectives:

After completing this course, students will be able to –

National security is the highest political goal of all states; the approaches adopted by states differ based on their individual power status, and the prevailing political and strategic dynamics at regional and global level. This paper introduces threats to a state, typology of threats, national power and its elements, doctrinal orientation for security; its linkages with foreign policy and Defence policy.

Unit I: INTRODUCTION

- (a) India's national values
- (b) National Security Framework/Architecture
- (c) Course Framework of India's Foreign Policy.

Unit II: HIGHER DEFENCE ORGANISATION OF INDIA

- (a) Security Structure of Army, Navy, Airforce and Para Military Forces.

Unit III: SPECTRUM OF THREATS

- (a) Threat Perception
- (b) Threat Assessment
- (c) Threat Analysis and Policy Formulation.

Unit IV: NATIONAL SECURITY ANALYSIS

- (a) Concept, Components and formulation of National Security Policy
- (b) Defence Policies and their linkages.

Unit V: INTERNAL THREATS:

- (a) Basic concepts of: Left Wing Extremism, Naxalism, Guerrilla Warfare, Terrorism, Insurgency, fundamentalism (religious). **(15 Hours)**

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
- 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 & Deep,1993.
- 5) Jayaramu, P.S., India's National Security and Foreign Policy, New Delhi: ABC Publishers, 1978.

Web Resources

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K – Levels
CO1	Discuss the concept of India's National Values and Foreign Policy	K1,K2,K3,K4
CO2	To understand the Defence Organisational Framework	K1,K2,K3,K4
CO3	Discuss the mechanics of national security. Identify and explain different types of threat and explain threat perception, threat assessment, threat analysis and policy formulation.	K1,K3,K4,K5

CO4	Analyse, evaluate and assess the importance of national security concept in its totality and draw linkages with foreign and defence policies.	K1,K2,K3,K4
CO5	To identify and analyze the various internal threats and its implications.	K1,K3,K4,K5
K1 – Remembering, K2 – Understanding, K3 –Applying, K4 –Analysing , K5 –Evaluating , K6 –Creating.		

PROGRAMME SPECIFIC OUTCOMES (PSO) – COURSE OUTCOME (CO) MAPPING

COURSE OUTCOMES (CO)	PROGRAMME SPECIFIC OUTCOMES (PSO)					
	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	3	3	2	2	2	2
CO2	3	3	2	2	2	2
CO3	3	3	2	2	1	1
CO4	3	3	2	2	1	1
CO5	3	3	2	2	1	1
Total	15	15	10	10	8	7
Average	3	3	2	2	1.4	1.4

Level of Correlation between PSO's and CO's 1 – Low

2 – Medium

3 – High

0 – No Correlation

BLOOM TAXANOMY BASED QUESTION PAPER PATTERN

UG Degree Pattern

Knowledge Level	Section	Marks	Description	Total Marks
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K1,K2,K3,K4	A (Answer all the questions)	10 x 2	Short Answer (Two questions from each unit)	20
K1, K2, K3,K4	B (INTERNAL CHOICE) EITHER (a) OR (b)	5 x 5	Question (a) OR (b) from the same Unit and same K Level	25
K2,K3, K4, K5	C (Answer any three question from five questions)	3 x 10	One questions from each unit (No unit missing)	30
Grand Total				75

Third Semester				
Course Title		INTERNATIONAL RELATIONS		
Course Code				
Course No	Course Category Core/Elective/Allied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
CC VI	Core	5	5	25+75=100

B.A Degree Programme in Defence and Strategic Studies

Course objectives:

Unit I: Introduction (a) Components of State (b) Theories of the origin of the state.

(15 Hours)

Unit II: Theories of International Relations (a) Idealist & Realist (b) Integration (c) Behaviouralism and d) Theory of divine origin. **(15 Hours)**

Unit III: State System and its corollaries (a) Sovereignty (b) National Interests & Ideology. **(15 Hours)**

Unit IV: Basics of Diplomacy, Foreign Policy and Balance of Power. **(15 Hours)**

Unit V: Control of International Relations (a) Collective Security (b) International Law
(c) Deterrence. **(15 Hours)**

Reference Books:

1. Gellner, Ernest. Nations and Nationalism New York: Cornell university,2005).
2. Gilpin, Robert., War and change in World politics (Cambridge: Cambridge university pres,1981).
3. Kennedy Paul. M, The rise and fall of Great Powers (London: Vintage, 1987).

4. Kissinger, Henry., diplomacy (London: Simon & Schuler, 1994).
5. Morgenthau, Hans.J, politics among nations (Noida: Tata McGrawhill,1992).
6. Waltz, Kenneth.N, theory of international politics (Noida: TataMcGraw hill,1979).

Web Resources

1. <http://www.merriam-webster.com/dictionary/international%20relations>
2. http://bijugayu.blogspot.in/2012/04/meaning-nature-scope-and-approachesto_17.html#.VIEqvdKUdQk
3. <http://www.cssforum.com.pk/css-optional-subjects/group-f/internationalrelations/28720-meaning-nature-scope-international-relations.html>
4. <http://www.irtheory.com/know.htm>

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K - Levels
CO1	Define the basic compound and outline the functions of theories of the state	K1,K2,K3
CO2	Define the national powers and outline the foreign policy and explain the role of state system	K1,K2,K4
CO3	List out the various theories in IR and explain the categorize and evaluate the significance of the state system	K1,K3,K5
CO4	Define and explain the basics concepts of diplomacy and explain	K1,K2,K3,K4

	the foreign policy	
CO5	Define the concept of collective security and explain the concept of balance of power and analyze the international law and the deterrence	K1,K3,K5
K1 – Remembering, K2 – Understanding, K3 –Applying, K4 –Analysing , K5 –Evaluating , K6 –Creating.		

CO-PSO Mapping (Course Articulation Matrix)

COURSE	PROGRAMME SPECIFIC OUTCOMES (PSO)					
	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6

	CO1	3	3	2	2	2	2
	CO2	3	3	2	2	2	1
	CO3	3	3	2	2	2	2
	CO4	3	3	2	2	1	1
	CO5	3	3	2	2	1	1
	Average	3	3	2	2	1.6	1.4
	Total	15	15	10	10	8	7

Knowledge Level	Section	Marks	Description	Total Marks
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Level of Correlation between PSO's and CO's 1 – Low

2 – Medium

3 – High

0– No Correlation

BLOOM TAXANOMY BASED QUESTION PAPER PATTERN

UG Degree Pattern

K1,K2,K3,K4	A (Answer all the questions)	10 x 2	Short Answer (Two questions from each unit)	20
K1, K2, K3,K4	B (INTERNAL CHOICE) EITHER (a) OR (b)	5 x 5	Question (a) OR (b) from the same Unit and same K Level	25
K2,K3, K4, K5	C (Answer any three question from five questions)	3 x 10	One questions from each unit (No unit missing)	30
Grand Total				75

B.A Degree Programme in Defence and Strategic Studies

Course objectives:

THIRD SEMESTER				
Course Title		HUMAN RIGHTS		
Course Code				
Course No	Course Category Core/Elective/Allied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
SEC-IV	SEC-IV	1	1	25 + 75=100

After completing this course, students will be able to –

Understand certain basic rights that contribute to the overall, dignified and honorable life to individuals.

Unit I : Introduction—History of Human Rights, Meaning and Principles

(2 Hours)

Unit II : List of Human Rights and Abuses

(2 Hours)

Unit III: International Human Rights Norms-Humanitarian Law, Universal Declaration of Human Rights
(2 Hours)

Unit IV: Human Rights and International Organizations—UNO, Human Rights Council Security Council (2 Hours)

Unit V: National Human Rights Commission of India-Composition and Functions (2 Hours) Reference

Books:-

1. Begum, Mehataj. (ed.), Human Rights in India: Issues and Perspectives (New Delhi: Aph pub.2000).
2. Donnelly, jack., Universal Human Rights: in theory and practise (New York: Cornell univ. Press,2003).
3. Forsythe, David. P., Encyclopaedia of human rights vol.1-5 (new york: oxford univ. Press,2009).
4. Freeman.Michael., Human Rights (Cambridge: polity press,2011).
5. Lawson,Edward(ed.),Encyclopaedia of human rights (Washington D.C. Taylor & francis,1996).

Web Resources

1. <http://hrlibrary.umn.edu/edumat/hreduseries/hereandnow/Part-1/short-history.htm>
2. <https://www.un.org/en/global-issues/human-rights#:~:text=It%20prohibits%20arbitrary%20deprivation%20of,of%20racial%20or%20religious%20hatred>

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K – Levels
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CO1	Explain basic concepts of History of Human Rights, Meaning and Principles of Human rights	K1,K2,K3
CO2	List of Human Rights and Abuses	K1,K2,K3,K4
CO3	Explain International Human Rights Norms-Humanitarian Law, Universal Declaration of Human Rights	K1,K3,K4
CO4	Explain Human Rights and International Organizations—UNO, Human Rights Council, Security Council	K1,K2,K3,K4
CO5	Explain National Human Rights Commission of India- Composition and Functions	K1,K3,K4
K1 – Remembering, K2 – Understanding, K3 –Applying, K4 –Analysing , K5 –Evaluating , K6 –Creating.		

CO-PSO Mapping (Course Articulation Matrix)

COURSE OUTCOMES (CO)	PROGRAMME SPECIFIC OUTCOMES (PSO)						
		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1		3	3	2	2	2	1
CO2		3	3	2	2	1	1
CO3		3	3	2	2	1	1
CO4		3	3	2	2	1	1
CO5		3	3	2	2	1	1
Total		15	15	10	10	6	5
Average		3	3	2	2	1.2	1

Level of Correlation between PSO's and CO's 1 – Low

2 – Medium

3 – High

Knowledge Level	Section	Marks	Description	Total Marks
K1,K2,K3,K4	A (Answer all the questions)	10 x 2	Short Answer (Two questions from each unit)	20
K1, K2, K3,K4	B (INTERNAL CHOICE) EITHER (a) OR (b)	5 x 5	Question (a) OR (b) from the same Unit and same K Level	25
K2,K3, K4, K5	C (Answer any three question from five questions)	3 x 10	One questions from each unit (No unit missing)	30
Grand Total				75

– No Correlation

Third Semester				
Course Title		INTRODUCTION TO INDUSTRIAL SECURITY		
Course Code				
Course No	Course Category Core/Elective/Allied/NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
SEC-V	SEC	2	2	25+75=100

Course objectives:

After completing this course, students will be able to –

This paper attempts to familiarise the students with the latest management techniques and their applicability for better industrial management techniques. To identify new challenges to the security of industrial undertaking and re-assess the threat perception. To understand the purpose of industrial awareness program and also to understand the importance of training which continues to play a vital role in ensuring the safety of country's infrastructure.

Unit I: Introduction

Definition, Meaning and Scope/Concepts

Security, Type of Security, Type of security Services Industries- Meaning and types

Unit II: Security Awareness

a. Meaning and Concept,

- b. Introduction to IPC, Cr PC, CPC.
- c. The Security Awareness program
- d. Cyber Security, Forensic Science – Relevance & scope

Unit III: Role of private Security Service

Functions of security: (a) Preventive Security (b) Protective Security (c) Detective security
(d) Punitive security

Unit IV: Perimeter security

- (a) Barrier Planning
- (b) Fencing standards.

(c) Types of Security Fences.

Unit V: Case Studies

Reference Books:

1. Bailin, paul s. Private security services to 2004. Cleveland, ohio: the freedonia group, inc., 2000.
2. Cunningham, william c., and strauchs, john j. "security industry trends: 1993 and beyond." security management 36, no. 12 (1992)
3. Inbau, fred e.; farber, bernard j.; and arnold, david w. Protective security law. Boston: butterworth-heineman, 1996.
4. Mccrie, robert d. "a brief history of the security industry in the united states." in business and crime prevention. Edited by m. Felson and r. V. Clarke. Monsey, n.y.: criminal justice press, 1997.
5. Nalla, mahesh k.; hoffman, vincent j.; and christian, kenneth e. "security guards perceptions of their relationship with police officers and the public in singapore." security journal 7 (1996)

Web Resources

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K - Levels
----	-----------------	------------

CO1	Explain the definition, meaning, scope of industrial security. Analyze various types of industries and their specific needs	K1,K2,K3,K4
CO2	Explain the means and concepts in security awareness. Outline the relevance and scope of cyber security and forensic sciences.	K1,K2,K3,K4
CO3	Demonstrate the role and functions of private security service- preventive security, protective security, deductive security, and punitive security services.	K1,K3,K4,K5
CO4	Identify the various types of security fences and their standards and their security planning process	K1,K2,K3,K4

CO5	Evaluate the security parameters of industries and assess their roles and functions towards their goals	K1,K3,K4,K5
K1 – Remembering, K2– Understanding, K3 –Applying, K4 –Analysing , K5–Evaluating , K6–Creating.		

CO-PSO Mapping (Course Articulation Matrix)

COURSE OUTCOMES (CO)	PROGRAMME SPECIFIC OUTCOMES (PSO)						
	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	
CO1	3	3	2	2	2	2	
CO2	3	3	2	2	2	2	
CO3	3	3	2	2	2	1	
CO4	3	3	2	2	1	1	
CO5	3	3	2	2	1	1	
Total	15	15	10	10	8	7	
Average	3	3	2	2	1.6	1.4	

Level of Correlation between PSO's and CO's 1 – Low

2 – Medium

3 – High

0– No Correlation

Knowledge Level	Section	Marks	Description	Total Marks
K1,K2,K3,K4	A (Answer all the questions)	10 x 2	Short Answer (Two questions from each unit)	20
K1, K2, K3,K4	B (INTERNAL CHOICE) EITHER (a) OR (b)	5 x 5 96	Question (a) OR (b) from the same Unit and same K Level	25

K2,K3, K4, K5	C (Answer any three question from five questions)	3 x 10	One questions from each unit (No unit missing)	30
Grand Total				75

BLOOM TAXANOMY BASED QUESTION PAPER PATTERN

UG Degree Pattern

SEMESTER-IV

B.A Degree Programme in Defence and Strategic Studies

Fourth Semester				
Course Title		GEO POLITICS AND MILITARY GEOGRAPHY		
Course Code				
Course No	Course Category Core/Elective/Allied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
CC VII	Core	5	4	25+75=100

Course objectives:

. After completing this course, students will be able to –

- Learn the concepts and relevant attributes of geo politics and military geography for national security.
- Concept and difference between Frontiers and Boundaries, its various types; and
- They shall be in a position to comprehend strategic policies for a nation state and most especially India in our case.

UNIT-I : Introduction

- a. Concept and meaning of Geo-politics b. Scope and importance of Geo-politics
- c. Meaning, nature and scope of Military Geography. **(15 Hours)**

UNIT-II : Elements of Military Geography –

Earth size, shape, location, climate, topography & population. **(15 Hours)**

UNIT-III : Evolution of Military Geography.

(15 Hours)

- a. History & Development.
- b. Founders of Military Geography - A.T. Mahan, Mackinder, Karl Haushofer

UNIT-IV : Inter-State relations & Geographical factors.

(15 Hours)

- a. Frontiers and Boundaries - meaning & differences; types; boundary making & function.
- b. Communication routes- land, sea and aerial- strategic scope.

UNIT-V : Geography and Foreign Policy of India

(15 Hours)

- a. India's borders - nature and characteristics of land border; maritime boundary.

- b. Indian ocean territory and strategic significance.

Reference Books:

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

Web Resources

1. <http://www.oxfordbibliographies.com/view/document/obo-9780199874002/obo-9780199874002-0017.xml>
2. http://www.academia.edu/Documents/in/Political_Geography_and_Geopolitics
3. http://www.researchgate.net/post/How_do_you_see_the_relationship_between_geopolitics_and_political_geography

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K - Levels
CO1	Define and outline the geo strategic location of the a country and explain the importance with the components of national power	K1,K2,K3

CO2	List out the important theories of Geopolitics and outline the importance of geo strategy. Explain the special reference to the theories of Mackinder, Haushofer and AT.Mahan.	K1,K2,K4
CO3	Name the basics of the GPS,GIS and Remote sensing and explain and analyze the basics of geography in military perspective	K1,K3,K5
CO4	Show the importance of the geo-strategic location of India and Explain and evaluate the importance of strategic commands	K1,K2,K3,K4

CO5	Find the maritime India's borders. Identify the nature and characteristics of land and maritime borders and explain characteristics of Territorial water and EEZ.	K1,K3,K5
K1 – Remembering, K2 – Understanding, K3 –Applying, K4 –Analysing , K5 –Evaluating , K6 –Creating.		

CO-PSO Mapping (Course Articulation Matrix)

COURSE OUTCOMES (CO)	PROGRAMME SPECIFIC OUTCOMES (PSO)					
	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	3	3	2	2	2	2
CO2	3	3	2	2	2	2
CO3	3	3	2	2	2	1
CO4	3	3	2	2	1	1
CO5	3	3	2	2	1	1
Total	15	15	10	10	8	7
Average	3	3	2	2	1.6	1.4

Level of Correlation between PSO's and CO's 1 – Low

2 – Medium

3 – High

0– No Correlation

BLOOM TAXANOMY BASED QUESTION PAPER PATTERN

UG Degree Pattern

Fifth Semester				
Course Title		LIMITED WARS		
Course Code				
Course No	Course Category Core/Elective/Allied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal+ External)
CC-VIII	Core	4	5	25+75=100

Course objectives:

After going through this paper students will have an understanding of wars that were fought after the end of World War – II. This paper deals with the evolution of limited wars after the end of World War – II. To make the students learn about some of the important wars that were fought after 1945.

Unit– 1: Korean War

(18 Hours)

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

Unit– 2: Vietnam War

(18 Hours)

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

Unit-3: ArabIsraeli Wars, 1967&1993 (15Hours)

(18 Hours)

a) Causes b) Main events c) Role of Airpower d) Lessons learnt

Unit- 4: Iran -Iraq War(15 Hours)

(18 Hours)

a) Causes b) Highlights of the war c) Result and lessons learnt

Unit- 5: Gulf of War I&II (15 Hours)

(18 Hours)

a) Causes b) Highlights of the war c) Role of the UN

Reference Books:

- 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.

Web Resources

1. en.wikipedia.org/wiki/Limited_war
2. en.wikipedia.org/wiki/Korean_War
3. en.wikipedia.org/wiki/Vietnam_War
4. en.wikipedia.org/wiki/Arab-Israeli_conflict
5. en.wikipedia.org/wiki/Iran-Iraq_War
6. en.wikipedia.org/wiki/Gulf_War

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K - Levels
CO1	List out the concept, meaning, definition and scope of limited wars. Explain the causes, course and Identify the consequences of the Korean war.	K1, K2, K3

CO2	Name the causes and explain the main events and the important lesson learnt during the Vietnam war.	K1,K2,K4
CO3	Explain the causes, the course and the lessons learnt during the Arab-Israeli wars.	K1,K3,K5
CO4	Assess and evaluate the significance of Iran-Iraq. Explain the causes, the major highlights, results and the impact of the war.	K1,K2,K3,K4
CO5	Assess and evaluate the causes, course and the consequences of Gulf war-I &II. Examine the role of UNO	K1,K3,K5
K1 – Remembering, K2– Understanding, K3 –Applying, K4 –Analysing , K5–Evaluating , K6–Creating.		

CO-PSO Mapping (Course Articulation Matrix)

COURSE OUTCOMES (CO)	PROGRAMME SPECIFIC OUTCOMES (PSO)						
		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1		3	3	2	2	2	2
CO2		3	3	2	2	2	2
CO3		3	3	2	2	2	1
CO4		3	3	2	2	1	1
CO5		3	3	2	2	1	1
Total		15	15	10	10	8	7
Average		3	3	2	2	1.6	1.4

Level of Correlation between PSO's and CO's 1 – Low

2 – Medium

3 – High

0– No Correlation

BLOOM TAXANOMY BASED QUESTION PAPER PATTERN

UG Degree Pattern

Knowledge Level	Section	Marks	Description	Total Marks
K1,K2,K3,K4	A (Answer all the questions)	10 x 2	Short Answer (Two questions from each unit)	20
K1, K2, K3,K4	B (INTERNAL CHOICE) EITHER (a) OR (b)	5 x 5	Question (a) OR (b) from the same Unit and same K Level	25
K2,K3, K4, K5	C (Answer any three question from five questions)	3 x 10	One questions from each unit (No unit missing)	30
Grand Total				75

B.A Degree Programme in Defence and Strategic Studies

Second Semester				
Course Title		INTRODUCTION TO POLICE ADMINISTRATION		
Course Code				
Course No	Course Category Core/Elective/Allied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal+ External)
SEC-VII	SEC	2	2	25+75=100

Course objectives:

After completing this course, students will be able to –

understand and appreciate police administration from the citizens' perspective and point of view. Students can understand the organizational structure and function of Police Departments in various States and Union Territories as well as several para-military forces such as BSF, CRPF, ITBP, CRPF, GRPF, and CISF, etc.

UNIT I-INTRODUCTION:

- (a) History of Indian Police
- (b) Evolution Of Policy
- (c) Police Act 1851
- (d) National Police Commission NPC-1979

UNIT II – ORGANISATIONAL STRUCTURE

- (a) State Police
- (b) District Police
- (c) City Police
- (d) Village Police
- (e) Railway Police
- (f) Armed Forces

UNIT III-CENTRAL POLICE ORGANISATION

- (a) CBI, ITBP, BSF, CISF, CRPF, NSG, SSB, AR, SPG, NCB, NIA, ASSAM RIFLES.

- (b) Police Research and Crime Detective Organisation-BPRD, NCR.
- (c) Intelligence Organisation- RAW, DRI, IB.

UNIT IV- RECRUITMENT AND TRAINING

- (a) Constable, Deputy and Assistant Superintendent of police
- (b) Tamilnadu Police Academy
- (c) Police training college.
- (d) Command Control Centre (CCC) / State Command Centre (SOC)

UNIT V- CIVIL DEFENCE

- (a) Home Guard
- (b) Fire Services and Rescue

Reference Books:

1. 1. O. W. Wilson, Police Administration (McGraw-Hill, 1950)
2. 2. Hoover, Larry T., ed. 1992. *Police management issues and perspectives*.

Web Resources

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K – Levels
CO1	Students are exposed on various aspects of police administration and its role in the Internal security. It gives historical output and development of police in India	K1,K2,K3
CO2	To understand the various level of organizational structure	K1,K2,K4

CO3	To understand various Central Police Organisation	K1,K3,K5
CO4	To create awareness about the various recruitment process in the police organisation	K1,K2,K3,K4
CO5	Explore the component of civil defence	K1,K3,K5
K1 – Remembering, K2 – Understanding, K3 –Applying, K4 –Analysing , K5 –Evaluating , K6 –Creating.		

CO-PSO Mapping (Course Articulation Matrix)

COURSE OUTCOMES (CO)	PROGRAMME SPECIFIC OUTCOMES (PSO)						
		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1		3	3	2	2	2	2
CO2		3	3	2	2	2	1
CO3		3	3	2	2	2	1
CO4		3	3	2	2	1	1
CO5		3	3	2	2	1	1
	Total	15	15	10	10	8	7
	Average	3	3	2	2	1.6	1.2

Level of Correlation between PSO's and CO's 1 – Low

2 – Medium

3 – High

0– No Correlation

BLOOM TAXANOMY BASED QUESTION PAPER PATTERN

UG Degree Pattern

Knowledge Level	Section	Marks	Description	Total Marks
K1,K2,K3,K4	A (Answer all the questions)	10 x 2	Short Answer (Two questions from each unit)	20
K1, K2, K3,K4	B (INTERNAL CHOICE) EITHER (a) OR (b)	5 x 5	Question (a) OR (b) from the same Unit and same K Level	25
K2,K3, K4, K5	C (Answer any three question from five questions)	3 x 10	One questions from each unit (No unit missing)	30
Grand Total				75

Fourth Semester				
Course Title		NUCLEARWARFARE		
Course Code				
Course No	Course Category Core/Elective/Allied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal+ External)
SEC-VII	SEC	2	2	25+75=100

Unit –I:Introduction

- a) A: The evolution of nuclear era since 1945
- b) B: Basics of nuclear technology, & nuclear energy
- c) C: effects of nuclear explosion.

Unit–II:Delivery systems

- a) A: missiles, types & effects.

- b) B: Triad
- c) C: Tactical nuclear weapons.

Unit–III: Nuclear Warfare Theories

- a) A: Preventive war, pre-emptive war strategy
- b) B: massive Retaliation & Flexible Response.
- c) C: Counter Value, Counter Force, MAD & MAS.

Unit–IV: Nuclear Weapon treaties

- a) A:PTBT,NPT,ABM,
- b) B:SALT-I,SALT-II,START.
- c) C: CTBT.

Unit–V:India’s Nuclear Strategy

- a) A:EvolutionofNuclearWeapons Programme.
- b) B:PeacefulNuclearExplosion(PNE).
- c) C:Minimumdeterrencestrategy.

REFERENCES

- 1) Cochran, Thomas, Arkin, William, andHoenig,William, Nuclear Weapons Databook (5vols., Cambridge, Mss, 1984).
- 2) Glasstone,S.,andDolan,P.J.,TheEffectsofNuclearWeapons(Washington,1977).
- 3) Grace,Charles, Nuclear Weapons: Principles, Effects and Survivability (London, 1994).
- 4) Brodie,Bernard,StrategyintheMissileAge(Princeton, 1959).
- 5) Lee,R.G.,GuidedWeapons(London,1988).
- 6) Pande,S.,CTBT:IndiaandtheNuclearTestBanTreaty,New Delhi:Cosmo,1994.
- 7) Pande,S.,FutureofNPT,NewDelhi:Lanser,1995.
- 8) Mistry, D., Containing Strategic Missile Proliferation, Seattle: University of Washington Press,2005.

SEMESTER V

Fifth Semester				
Course Title		INTERNATIONAL LAW		
Course Code				
Course No	Course Category Core/Elective/Allied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal+ External)
CC IX	Core	4	5	25+75=100

Course objectives: `

After completing this course, students will be able to –

This paper aims at introducing to the student different aspects of International Law. The laws which govern the conduct of war, Laws of neutrality and the organization of the International court of Justice are covered in this paper.

Unit I: Introduction

- (a) Definition, Basis of international Law, History and its development
- (b) Nature, Source and Codification
- (c) Distinction between International and Municipal laws

Unit II: Laws of Land, Sea and Air Warfare

- (a) Laws of Land Warfare
- (b) Laws of Maritime Warfare
- (c) Laws of Aerial Warfare
- (d) War Crimes and Genocide

Unit III: Laws of Neutrality

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

Unit IV: Management of International Law

- (a) Settlement of International Disputes
- (b) War its Legal Character and Effects (c) Enemy Character

Unit V: Legal Mechanisms

- (a) Blockade - Concept, Establishment, Kinds and Penalties for breach
- (b) Prize Courts
- (c) Organization, role and functions of International Court of Justice.

Reference Books:

1. Tandon, M.P, and Rajesh Tandon, An Introduction of 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.
5. Oppenheim, International Law.

Web Resources

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K – Levels
CO1	Explain the definitions and historical development of international law. Outline the nature, sources and codification of international law. Identify the distinction between internal law and domestic law	K1,K2,K3
CO2	Discuss the laws of land, sea and air warfare. Explain the nature of war crimes and genocide	K1,K2,K4
CO3	Explain the laws of neutrality and its manifestations- Assess the feature of rights of angary; contraband and the doctrine of continuous voyage	K1,K3,K5
CO4	Evaluate the role of international law in settlement of international disputes. Assess the legal character of war and outline the features of enemy character.	K1,K2,K3,K4

CO5	Explain the legal mechanism like Blockade, prize court etc. Analyse the structure, role and functioning of International Court of Justice	K1,K3,K5
K1 – Remembering, K2 – Understanding, K3 –Applying, K4 –Analysing , K5 –Evaluating , K6 –Creating.		

CO-PSO Mapping (Course Articulation Matrix)

COURSE OUTCOMES (CO)	PROGRAMME SPECIFIC OUTCOMES (PSO)						
	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	
CO1	3	3	2	2	2	2	
CO2	3	3	2	2	2	2	
CO3	3	3	2	2	2	1	
CO4	3	3	2	2	1	1	
CO5	3	3	2	2	1	1	
Total	15	15	10	10	8	7	
Average	3	3	2	2	1.6	1.4	

Level of Correlation between PSO's and CO's

1 – Low

2 – Medium

3 – High

0– No Correlation

BLOOM TAXANOMY BASED QUESTION PAPER PATTERN

UG Degree Pattern

Knowledge Level	Section	Marks	Description	Total Marks
K1,K2,K3,K4	A (Answer all the questions)	10 x 2	Short Answer (Two questions from each unit)	20
K1, K2, K3,K4	B (INTERNAL CHOICE) EITHER (a) OR (b)	5 x 5	Question (a) OR (b) from the same Unit and same K Level	25
K2,K3, K4, K5	C (Answer any three question from five questions)	3 x 10	One questions from each unit (No unit missing)	30
Grand Total				75

Fifth Semester				
Course Title		FUNDAMENTALS OF DEFENCE JOURNALISM		
Course Code				
Course No	Course Category Core/Elective/Allied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
EC-V	ELECTIVE	3	4	25+75=100

Course objectives:

After completing this course, students will be able to –

Able to understand essential information, facts, sources, and the qualities required to become a successful defence journalist. Also, provide knowledge on how to be a responsible Defence Journalist. Depending on the branch of service and specific Military Occupational Specialty, military journalists learn to do a variety of jobs.

Unit I: Introduction Journalism:

- (a) Meaning, relevance and scope
- (b) News Organization Structure and functioning
- (c) Media: concept, kind and characteristics.

Unit II: Defence News:

- (a) Purpose and meaning
- (b) Kinds and sources
- (c) Theories of news selection.

Unit III: Reporting Defence Stories:

- (a) Format, Language and Grammar
- (b) Kinds: Eye Witness, Computer assisted Features
- (c) Concepts of Graphics and animation

- (d) Interviewing skills.

Unit IV: Editing:

- (a) Abbreviations and definition of military terms
- (b) Proof – reading symbols
- (c) Caption writing and picture editing.

Unit V: Hurdles in Defence writing:

- (a) Media Ethics
- (b) Media Laws
- (c) Military vs Media debate
- (d) News Photography.

Reference Books:

- 1) Menon, P.K., Practical Journalism, Jaipur : Aavishkar Publishers & Distributors, 2005.
- 2) Dhara,R., Journalism, Calcutta : Industry Publishers,1945.
- 3) Basu, R.N., Handbook of Journalism, Jaipur: Pointer Publishers, 2005.
- 4) Kamath,M.V., The Journalist's Handbook, New Delhi : Vikas,1980.
- 5) Professional Journalism, New Delhi: Vikas, 1983.

Web Resources

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K - Levels
CO1	Define Journalism. Discuss the meaning relevance and scope of formation. Outline the structure and functioning of News organisation, media, kinds of Media and its characteristics.	K1,K2,K3
CO2	Explain the purpose and meaning of defence News, Kinds and Source of News, Various threats of news selections.	K1,K2,K4

CO3	Describe the significance of Defence stories and explain the format, language and grammar required. Explain the kinds of reporting, importance of eye witness, the use of graphics and animation and to state the importance of interviewing skills.	K1,K3,K5
CO4	Explain the importance of editing. Define military terms, proof reading, caption writing and picture editing.	K1,K2,K3,K4
CO5	Identify and outline the hurdles in defence writing, discuss the importance of media ethics, media laws and explain the importance of visual media.	K1,K3,K5
K1 – Remembering, K2 – Understanding, K3 –Applying, K4 –Analysing , K5 –Evaluating , K6 –Creating.		

CO-PSO Mapping (Course Articulation Matrix)

COURSE OUTCOMES (CO)	PROGRAMME SPECIFIC OUTCOMES (PSO)						
		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1		3	3	2	2	2	2
CO2		3	3	2	2	2	2
CO3		3	3	2	2	2	1
CO4		3	3	2	2	1	1
CO5		3	3	2	2	1	1
Total		15	15	10	10	8	7
Average		3	3	2	2	1.6	1.4

1 – **Low**

2 – **Medium**

3 – **High**

0– **No Correlation**

BLOOM TAXANOMY BASED QUESTION PAPER PATTERN

UG Degree Pattern

Knowledge Level	Section	Marks	Description	Total Marks
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K1,K2,K3,K4	A (Answer all the questions)	10 x 2	Short Answer (Two questions from each unit)	20
K1, K2, K3,K4	B (INTERNAL CHOICE) EITHER (a) OR (b)	5 x 5	Question (a) OR (b) from the same Unit and same K Level	25
K2,K3, K4, K5	C (Answer any three question from five questions)	3 x 10	One questions from each unit (No unit missing)	30
120 Grand Total				75

Fifth Semester				
Course Title		BASICS OF DEFENCE ECONOMICS		
Course Code				
Course No	Course Category Core/Elective/Allied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
CC XI	Core	4	5	25+75=100

Course objectives:

After completing this course, students will be able to –

Economic imperatives are the vital factors in all activities of mankind to gauge its success. This applies to the study of Defence sector of a country in its endeavor to meet its security needs. Knowledge about budgeting, Defence allocation, resource augmentation, indigenization etc., are essential to understand the functioning of the Defence sector of the state.

Unit I: Introduction:

(15 Hours)

(a) Definition of Economics and Defence Economics (b) Economic System: kinds, features, merits & demerits (c) Defence & Development debate.

Unit II: Defence Budget:

(15 Hours)

(i) Concepts of Finance, Revenue, Expenditure, process of Budget, National Income & Gross National Product (b) Analysis of India's Defence Budget.

Unit III: Defence Planning:

(15 Hours)

(a) Parameters of Defence Planning (b) Use of Systems Analysis (c) Cost – effectiveness in selection of

weapon systems.

Unit IV: Defence Production:

(15 Hours)

(a) Assessment & Calculation of Defence requirements (b) Role of Ordnance Factories and Public & Private sector undertakings (c) Contribution of DRDO.

Unit V: Effects of War on Economy:

(15 Hours)

(a) Inflation (b) Balance of Payments (c) Mobilization of Resources

Reference Books:

1. The Economics of Defence, Keith Hartley and Todd Sandler, Cambridge Surveys of Economic Literature
2. Economic Theories of Peace and War, Fanny Coulomb, Routledge
3. From Defence to Development? International Perspectives on Realizing the Peace Dividend, Sean M. DiGiovanna, Ann Markusen, Routledge.
4. Defence Production in India, Ron Mathews New Delhi: ABC,
5. Jasjit Singh, India's Defence Spending: Assessing Future Needs, New Delhi: Knowledge Publishers.
6. Y. Lakshmi, Trends in India's Defence Expenditure, New Delhi: ABC.

Web Resources

1. <http://www.britannica.com/EBchecked/topic/155696/defense-economics>
2. <http://ofbindia.gov.in/index.php?wh=ourunits>
3. <http://www.economicshelp.org/blog/2180/economics/economic-impact-of-war/>

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K - Levels
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CO1	Define the fundamental concepts, explain and to show the economic merits and demerits	K1,K2,K3,K4
CO2	Define the concept of public finance, analyze and evaluate public expenditure and Defence budget.	K1,K2,K3,K4
CO3	Show the effects of war by inflation, Identify the impact, evaluate the advantages and disadvantages of mobilization of resources	K1,K3,K4,K5
CO4	List out the importance of the salient features and explain the conclusion steps involved in planning	K1,K2,K3,K4

CO5	Show the role and contribution, function and outline of DPSUs and Private sector in Defence Production and RD.	K1,K3,K4,K5
K1 – Remembering, K2 – Understanding, K3 –Applying, K4 –Analysing , K5 –Evaluating , K6 –Creating.		

CO-PSO Mapping (Course Articulation Matrix)

COURSE OUTCOMES (CO)	PROGRAMME SPECIFIC OUTCOMES (PSO)						
	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	
CO1	3	3	2	2	2	2	
CO2	3	3	2	2	2	2	
CO3	3	3	2	2	2	1	
CO4	3	3	2	2	1	1	
CO5	3	3	2	2	1	1	
Total	15	15	10	10	8	7	
Average	3	3	2	2	1.6	1.4	

Level of Correlation between PSO's and CO's 1 – Low

2 – Medium

3 – High

0– No Correlation

BLOOM TAXANOMY BASED QUESTION PAPER PATTERN

UG Degree Pattern

Knowledge Level	Section	Marks	Description	Total Marks
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K1,K2,K3,K4	A (Answer all the questions)	10 x 2	Short Answer (Two questions from each unit)	20
K1, K2, K3,K4	B (INTERNAL CHOICE) EITHER (a) OR (b)	5 x 5	Question (a) OR (b) from the same Unit and same K Level	25
K2,K3, K4, K5	C (Answer any three question from five questions)	3 x 10	One questions from each unit (No unit missing)	30
Grand Total 124				75

Sixth Semester				
Course Title		SPECIALISED WARFARE		
Course Code				
Course No	Course Category Core/Elective/Allied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
CEC-III	Elective	4	5	25+75=100

Course objectives:

After undergoing this course, a student will be in a position to –

Understand the types of war prevalent in the world. This paper describes the various types of warfare that are taught in the world. To understand the different types of war waged by nations at large.

Unit – I: PSYCHOLOGICAL WARFARE

- a) Definition and nature of Psychological Warfare
- b) Types of Propaganda
- c) Brain washing and Rumour—Nature, Techniques and its Effects

Unit – II: BIOLOGICAL AND CHEMICAL WARFARE

- a) Concept and Course Framework
- b) Characteristics
- c) Types of Agents and its effects

Unit – III: GUERRILLA WARFARE

- a) Concept and Course Framework
- b) Characteristics of Guerilla Warfare
- c) Elementary knowledge of Insurgency and Counter Insurgency

Unit – IV: NUCLEAR WARFARE

- a) Concept and origin of Nuclear Warfare
- b) Development of Nuclear Weapons
- c) Effects of Nuclear Explosion- Flash, Thermal Radiation, Nuclear Radiation

Unit – V: HYBRID WARFARE

- a) Definition
- b) Causes
- c) Types and Techniques

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)

Web Resources

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K - Levels
CO1	Define psychological warfare. Explain the different types and techniques of psychological warfare. Summarize the effects of psychological warfare.	K1,K2,K3,K4
CO2	Explain the concept and characteristics of chemical and biological warfare. Discuss the effects of chemical and biological aspects. Distinguish between Chemical Warfare and Biological warfare.	K1,K2,K3,K4

CO3	Discuss the concept of Guerilla warfare, its characteristics. Distinguish between Guerilla warfare, Insurgency and terrorism.	K1,K3,K4,K5
CO4	Explain the concept and origin of Nuclear warfare, the development of nuclear weapons and it's the impact of nuclear explosion.	K1,K2,K3,K4
CO5	Define Terrorism and Outline the causes of terrorism and explain the types and form of terrorism.	K1,K3,K4,K5
K1 – Remembering, K2 – Understanding, K3 –Applying, K4 –Analysing , K5 –Evaluating , K6 –Creating.		

CO-PSO Mapping (Course Articulation Matrix)

COURSE OUTCOMES (CO)	PROGRAMME SPECIFIC OUTCOMES (PSO)						
	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	
CO1	3	3	2	2	2	2	2
CO2	3	3	2	2	2	2	2
CO3	3	3	2	2	2	1	1
CO4	3	3	2	2	1	1	1
CO5	3	3	2	2	1	1	1
Total	15	15	10	10	8	7	
Average	3	3	2	2	1.6	1.4	

Level of Correlation between PSO's and CO's 1 – Low

2 – Medium

3 – High

0– No Correlation

BLOOM TAXANOMY BASED QUESTION PAPER PATTERN

UG Degree Pattern

Fifth Semester				
Course Title		INDIAN MILITARY OPERATIONS (SINCE 1947)		
Course Code				
Course No	Course Category Core/Elective/Allied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
CC X	Core	4	5	25+75=100

Course objectives:

. After completing this course, students will be able to –

- Comprehend India's war with her neighbours
- Understand the various internal military operations

Knowledge Level	Section	Marks	Description	Total Marks
K1,K2,K3,K4	A (Answer all the questions)	10 x 2	Short Answer (Two questions from each unit)	20
K1, K2, K3,K4	B (INTERNAL CHOICE) EITHER (a) OR (b)	5 x 5	Question (a) OR (b) from the same Unit and same K Level	25

K2,K3, K4, K5	C (Answer any three question from five questions)	3 x 10 128	One questions from each unit (No unit missing)	30
Grand Total				75

UNIT-I National Security (18 Hours)

a. Partition of British Indian Army b. Early Challenges: Annexation of Junagadh – 1947, Operations Polo (Integration of Hyderabad 1948), Operation Vijay (Integration of Goa 1961)

UNIT-II Issues and challenges in Kashmir – 1947–1948 (18 Hours)

a. Events leading to annexation b. Operations of Indian Army c. Military lessons.

UNIT-III Chinese Invasion of India —1962 (18 Hours)

a. Causes of War b. Important Operations of War c. Military Re-organization

UNIT-IV (a) Indo-Pak War of 1965: Outline of the Operations, Origin and Causes of War ,Role of Artillery (b) Operation Cactus Lily (Liberation of East Pakistan 1971): (18 Hours)

UNIT-V Internal Security Operations (18 Hours)

a. Operation Blue Star—1984 b. Operations Rhino (Northeast Region) c. Operation Vijay

Reference Books:

1. Sinha, Lt. Gen, Slender was the Thread 2.Johari, Sitaram, Chinese invasion of NEFA
3. Mankekar, D.R, Pakistan Cut to size
4. Subramaniam, K., Liberation War
5. Subramaniam, K., Kargil Report
6. Subramaniam, Arjun, India's Wars: A Military History 1947-1971

Web Resources

<http://www.facts-about-india.com/important-battles-indian-history.php>

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K – Levels
CO1	Name the important Outline the challenges of the partition of the British Indian army.	K1,K2,K3,K4

CO2	Name the causes and demonstrate the course consequences and examine the specific military lessons learnt during indo pak war 1947-48	K1,K2,K3,K4
CO3	List out the events and explain the causes of Sino-Indian war of 1962 the important operation of war and the major military lessons learnt	K1,K3,K4,K5
CO4	List out the major causes of indo-Pak war of 1965, explain the importance role of Artillery. Explain the origin, causes course and consequences of indo-Pak war of 1971	K1,K2,K3,K4
CO5	Define the major internal security operations, evaluate and elaborate reference to Operation Blue star, Operation Rhino and Operation Vijay.	K1,K3,K4,K5
K1 – Remembering, K2 – Understanding, K3 –Applying, K4 –Analysing , K5 –Evaluating , K6 –Creating.		

CO-PSO Mapping (Course Articulation Matrix)

COURSE OUTCOMES (CO)	PROGRAMME SPECIFIC OUTCOMES (PSO)						
		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1		3	3	2	2	2	2
CO2		3	3	2	2	2	2
CO3		3	3	2	2	2	1
CO4		3	3	2	2	1	1
CO5		3	3	2	2	1	1
Total		15	15	10	10	8	7
Average		3	3	2	2	1.6	1.4

Level of Correlation between PSO's and CO's 1 – Low

2 – Medium

0– No Correlation

BLOOM TAXANOMY BASED QUESTION PAPER PATTERN

UG Degree Pattern

Knowledge Level	Section	Marks	Description	Total Marks
K1,K2,K3,K4	A (Answer all the questions)	10 x 2	Short Answer (Two questions from each unit)	20
K1, K2, K3,K4	B (INTERNAL CHOICE) EITHER (a) OR (b)	5 x 5	Question (a) OR (b) from the same Unit and same K Level	25
K2,K3, K4, K5	C (Answer any three question from five questions)	3 x 10	One questions from each unit (No unit missing)	30
Grand Total				75

Fifth Semester				
Course Title		NEWSWRITINGPROCEDUREANDNEWSSTORY		
Course Code				
Course No	Course Category Core/Elective/Allied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
EC-VI	ELECTIVE	2	2	25+75=100

Objective: 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-I: Introduction to News Writing Procedure

- a) Where to begin, the Date and Place
- b) Paragraphing and Readability
- c) Aid to clarity and Journalistic Style

Unit–II:DefiningtheNewsStory

- a) TheJournalistasanInterpreter
- b) TheinvertedPyramidNewsvsSequential Style
- c) TheUsageofthethirdperson,GrammarQuotationandEndingthestory

Unit –III:TheFive‘W’s

- a) Emphasizingimportantpoints

- b) The Importance of time
- c) Telling a story 'Where' and other application of the 'W's

Unit–IV: Types of News story

- a) Political
- b) Industrial and Finance
- c) Civic Affairs

Unit–V: Specialized Reporting

- a) Science Reporting
- b) Industrial Reporting
- c) Entertainment Reporting

REFERENCES

- 1) Menon, P.K., Electronic Media and Broadcasting, Jaipur: Aavishkar Publishing, 2006.
- 2) Sharma, R.K., Journalism as a Profession in India, Mumbai: Media Promoter and Publishers, 1990.
- 3) Campbell, Laurence Raulolph, How to Report and Write the News, Prentice Hall, 1961.
- 4) Vishnu Datta, (ed)., Journalism Today: Trends, Ethics & Laws, New Delhi: Akansha Publishing House, 2006.

SEMESTER VI

Sixth Semester				
Course Title		ELEMENTARY STRATEGIC THOUGHT		
Course Code				
Course No	Course Category Core/Elective/Allied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
CC XIII	Core	4	6	25+75=100

Course objectives:

After completing this course, students will be able to –

This paper provides basic knowledge about the concepts of selected strategic thinkers.

To understand the thought of thinkers this has relevance even during the present times. To make the students realize the value of strategic thought in policy formation.

Unit I: Introduction: (a) Concept and components of strategic thought (b) Contributions of Kautilya's (Philosophy of War). Gandhi (Non – Violence) and Nehru (Non – Alignment). **(18 Hours)**

Unit II: 18th Century thinkers: (a) Jomini: Concept of Mass army, Strategy, Tactics and Logistics (b) Clausewitz. : War and its relationship with Politics. **(18 Hours)**

Unit III: Thinkers up to World War I: (a) Karl Marx, military concept of social revolution (b) Dupicq & Foch. **(18 Hours)**

Unit IV: Strategic thoughts between two World wars, (a) Liddell Hart : Total War, Deterrence & British concept of Warfare (b) A.T. Mahan : Theory of Sea Power

(c) Douhet, Mitchell & Seversky: Theories of Air warfare. **(18 Hours)**

Unit V: Thinkers after World War II, (a) Mao & Che Guevara- Guerilla Warfare.

(18 Hours)

Reference Books:

- 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, MacGregor, 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,1980).

Web Resources

<http://www.facts-about-india.com/important-battles-indian-history.php>

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K – Levels
CO1	Define strategic thought; explain the motives of strategic thought.	K1,K2,K3

CO2	Find the evolution of strategic theories from ancient to modern world and compare the importance.	K1,K2,K4
CO3	Label the existing strategic theories to contemporary world to construct or develop new strategic ideas	K1,K3,K5
CO4	Define strategic thinkers, construct their ideas and explain about their importance views.	K1,K2,K3,K4

CO5	Name the importance take part in discussions on strategic thought and elaborate your opinion.	K1,K3,K5
K1 – Remembering, K2 – Understanding, K3 –Applying, K4 –Analysing , K5 –Evaluating , K6 –Creating.		

CO-PSO Mapping (Course Articulation Matrix)

COURSE OUTCOMES (CO)	PROGRAMME SPECIFIC OUTCOMES (PSO)						
		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1		3	3	2	2	2	2
CO2		3	3	2	2	2	2
CO3		3	3	2	2	2	1
CO4		3	3	2	2	1	1
CO5		3	3	2	2	1	1
Total		15	15	10	10	8	7
Average		3	3	2	2	1.6	1.4

Level of Correlation between PSO's and CO's 1 – Low

2 – Medium

3 – High

0– No Correlation

BLOOM TAXANOMY BASED QUESTION PAPER PATTERN

UG Degree Pattern

Knowledge Level	Section	Marks	Description	Total Marks
K1,K2,K3,K4	A (Answer all the questions)	10 x 2	Short Answer (Two questions from each unit)	20
K1, K2, K3,K4	B (INTERNAL CHOICE) EITHER (a) OR (b)	5 x 5	Question (a) OR (b) from the same Unit and same K Level	25
K2,K3, K4, K5	C (Answer any three question from five questions)	3 x 10	One questions from each unit (No unit missing)	30
Grand Total				75

Fourth Semester				
Course Title		Comprehensive Security		
Course Code				
Course No	Course Category Core/Elective/Allied/NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
CC VIII	Core	4	6	25+75=100

Course objectives:

After completing this course, students will be able to –

Comprehensive Security aims to safeguard the vital functions of the society through cooperation between authorities, organisations and citizens. Also analyses the opportunities and challenges in addressing the environmental, economical, health related challenges through various level framework of local, regional, global, geo-political and structural security impact.

Unit I: INTRODUCTION

- (a) Meaning, Concept
- (b) Types of Security

Unit II: ENVIRONMENTAL SECURITY

- (a) Meaning, Concept, Pollution, Types, Effects, Climate, Water Security measures taken

Unit III: HEALTH SECURITY

- (a) Meaning
- (b) Definition Epitomic, Pandemic, Food Security

Unit IV: ENERGY SECURITY

- (a) Meaning
- (b) Definition
- (c) Types, Coal, Oil, Natural Gas, Nuclear.

Unit V: ECONOMIC SECURITY

- (a) Meaning, importance and scope

Reference Books

1. Beebe, Shannon D. and Mary Kaldor, *The Ultimate Weapon Is No Weapon: Human Security and the New Rules of War and Peace*, Perseus Books Group, New York, 2010.
2. Edwards, Alice and Carla Ferstman, *Human Security and Non-Citizens: Law, Policy and International Affairs*, Human Security and Non-Citizens: Law, Policy and International Affairs, Cambridge University Press, New York, 2010.
3. Wellman, James K., Clark Benner Lombardi, *Religion and Human Security: A Global Perspective*, Oxford University Press, 2012.
4. Ron Smith., *Military Economics- The Interaction of Power and Money*, Palgrave Macmillan UK, 2016

Web Resources

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K – Levels
CO1	To define various types of Security	K1,K2,K3

CO2	To identify and assess various types and its effects on environment	K1,K2,K4
CO3	To understand various health related security issues	K1,K3,K5
CO4	To understand the importance of energy security and its implication on National Security	K1,K2,K3,K4
CO5	To assess the impact of Economy on National Security	K1,K3,K5
K1 – Remembering, K2 – Understanding, K3 –Applying, K4 –Analysing , K5 –Evaluating , K6 –Creating.		

CO-PSO Mapping (Course Articulation Matrix)

COURSE OUTCOMES (CO)	PROGRAMME SPECIFIC OUTCOMES (PSO)						
		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1		3	3	2	2	2	2
CO2		3	3	2	2	2	2
CO3		3	3	2	2	2	1
CO4		3	3	2	2	1	1
CO5		3	3	2	2	1	1
Total		15	15	10	10	8	7

Knowledge Level	Section	Marks	Description	Total Marks
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	Average	3	3	2	2	1.6	1.4
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Level of Correlation between PSO's and CO's 1 – Low

2 – Medium

3 – High

0– No Correlation

BLOOM TAXANOMY BASED QUESTION PAPER PATTERN

UG Degree Pattern

K1,K2,K3,K4	A (Answer all the questions)	10 x 2	Short Answer (Two questions from each unit)	20
K1, K2, K3,K4	B (INTERNAL CHOICE) EITHER (a) OR (b)	5 x 5	Question (a) OR (b) from the same Unit and same K Level	25
K2,K3, K4, K5	C (Answer any three question from five questions)	3 x 10	One questions from each unit (No unit missing)	30
Grand Total				75

Sixth Semester				
Course Title		ARMS CONTROL AND DISARMAMENT		
Course Code				
Course No	Course Category Core/Elective/Allied/ NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
CC XV	Core	4	6	25+75=100

Course objectives:

. After completing this course, students will be able to –

- Learn and realise gravity of WMDs on the nation's security.
- Learn and anticipate proliferating use of WMDs and prevention; and
- Also learn the basic Concepts and Theories and approaches to Disarmament & Arms Control.

Unit I : Introduction- (a) The evolution of the Nuclear era since 1945 (b) Basics of Nuclear technology, Nuclear energy & effects of Nuclear explosion. **(18 Hours)**

Unit II: Development of Missiles (a) Classifications and characteristics, Land Based ,Air Based and Sea Based Missiles. **(18 Hours)**

Unit III : Elementary study of Treaties:

Dangers of Nuclear Warfare and Nuclear – weapon Conventions , PTBT, NPT, CTBT, ABM, SALT (I

&II), INF, START

(18 Hours)

Unit IV: (a) Dangers of Biological Warfare &BWC (Biological Weapon Convention)

(b) Dangers of Chemical Warfare &Chemical Weapons Conventions (CWC)

(18 Hours)

Unit V: India's contribution to Disarmament

(18 Hours)

Reference Books:

- 1) Cochran, Thomas, Arkin, William, and Hoenig, William, Nuclear Weapons Databook (5 vols., Cambridge, Mss, 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: Lancer, 1995).

Web Resources

1. <http://en.wikipedia.org/wiki/Disarmament>
2. http://en.wikipedia.org/wiki/Arms_control
3. <http://en.wikipedia.org/wiki/Missile>
4. <http://www.britannica.com/EBchecked/topic/421797/nuclear-strategy>
5. <http://blog.oup.com/2014/11/cold-war-nuclear-strategy-agreed-framework/>

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K - Levels
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CO1	List out the evolution of the nuclear era since 1945, explain the basics of nuclear technology, nuclear energy and evaluate its uses and abuses.	K1,K2,K3
CO2	Define the development of missiles, examine its classifications, Explain the characteristics and evolution of nuclear theories.	K1,K2,K4
CO3	Define the salient features of different treaties like PTBT,,CTBT,ABM,SALT-I,SALT-II, INF,START,NPT.	K1,K3,K5
CO4	Name the significance of chemical and biological weapon conventions.	K1,K2,K3,K4
CO5	Evaluate and explain India's contribution towards disarmament	K1,K3,K5

	and arms control.	
K1 – Remembering, K2 – Understanding, K3 –Applying, K4 –Analysing , K5 –Evaluating , K6 –Creating.		

CO-PSO Mapping (Course Articulation Matrix)

COURSE OUTCOMES (CO)	PROGRAMME SPECIFIC OUTCOMES (PSO)					
	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	3	3	2	2	2	2
CO2	3	3	2	2	2	2
CO3	3	3	2	2	2	1
CO4	3	3	2	2	1	1
CO5	3	3	2	2	1	1
Total	15	15	10	10	8	7
Average	3	3	2	2	1.6	1.4

Level of Correlation between PSO's and CO's 1 – Low

2 – Medium

3 – High

0– No Correlation

Sixth Semester				
Course Title		Disaster Management		
Course Code				
Course No	Course Category Core/Elective/Allied/NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
CEC-II	Elective-2	4	5	25+75=100

BLOOM TAXANOMY BASED QUESTION PAPER PATTERN

UG Degree Pattern

Course objectives:

Knowledge Level	Section	Marks	Description	Total Marks
K1,K2,K3,K4	A (Answer all the questions)	10 x 2	Short Answer (Two questions from each unit)	20
K1, K2, K3,K4	B (INTERNAL CHOICE) EITHER (a) OR (b)	5 x 5	Question (a) OR (b) from the same Unit and same K Level	25

K2,K3, K4, K5	C (Answer any three question from five questions)	3 x 10 1 47	One questions from each unit (No unit missing)	30
Grand Total				75

After completing this course, students will be able to –

1. To provide basic conceptual understanding of disasters.
2. To understand approaches of Disaster Management
3. To build skills to respond to disaster

Unit: I Definition and types of disaster

Hazards and Disasters, Risk and Vulnerability in Disasters, Natural and Man-made disasters, earthquakes, floods drought, landside, land subsidence, cyclones, volcanoes, tsunami, avalanches, global climate extremes. Man-made disasters: Terrorism, gas and radiations leaks, toxic waste disposal, oil spills, forest fires.

Unit: II Study of Important disasters

Earthquakes and its types, magnitude and intensity, seismic zones of India, major fault systems of India plate, flood types and its management, drought types and its management, landside and its managements case studies of disasters in Sikkim (e.g) Earthquakes, Landside). Social Economics and Environmental impact of disasters.

Unit: III Mitigation and Management techniques of Disaster

Basic principles of disasters management, Disaster Management cycle, Disaster management policy, National and State Bodies for Disaster Management, Early Warning Systems, Building design and construction in highly seismic zones, retrofitting of buildings.

Unit IV Training, awareness program and project on disaster management

Training and drills for disaster preparedness, Awareness generation program, Usages of GIS and Remote sensing techniques in disaster management, Mini project on disaster risk assessment and preparedness for disasters with reference to disasters in Sikkim and its surrounding areas.

Unit V – Case Study

Reference Books:

1. Disaster Management Guidelines, GOI-UND Disaster Risk Program (2009-2012)
2. Damon, P. Copola, (2006) Introduction to International Disaster Management, Butterworth

Heineman.

3. Gupta A.K., Niar S.S and Chatterjee S. (2013) Disaster management and Risk Reduction, Role of

Environmental Knowledge, Narosa Publishing House, Delhi.

4. Murthy D.B.N. (2012) Disaster Management, Deep and Deep Publication PVT. Ltd. New Delhi.

5. Modh S. (2010) Managing Natural Disasters, Mac Millan publishers India LTD.

Web Resources

METHODOLOGY OF TEACHING

Class lectures, Group Discussion, Assignments, Field-based learning.

COURSE OUTCOMES (CO):

Upon completion of this course, the students will be able to:

CO	Course Outcomes	K - Levels
CO1	Explain the Concept and types of disasters	K1,K2,K3
CO2	Demonstrate the importance to study disasters	K1,K2,K4
CO3	Identify various management techniques of disaster	K1,K3,K5
CO4	Assess various training awareness programmes on disaster management	K1,K2,K3,K4
CO5	To corelate the learnings with the case-studies	K1,K3,K5
K1 – Remembering, K2– Understanding, K3 –Applying, K4 –Analysing , K5–Evaluating , K6–Creating.		

CO-PSO Mapping (Course Articulation Matrix)

COURSE OUTCOMES (CO)	PROGRAMME SPECIFIC OUTCOMES (PSO)					
	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	3	3	2	2	2	2
CO2	3	3	2	2	2	2
CO3	3	3	2	2	2	1
CO4	3	3	2	2	1	1

	CO5	3	3	2	2	1	1
	Total	15	15	10	10	8	7
	Average	3	3	2	2	1.6	1.4

BLOOM TAXANOMY BASED QUESTION PAPER PATTERN

UG Degree Pattern

Knowledge Level	Section	Marks	Description	Total Marks
K1,K2,K3,K4	A (Answer all the questions)	10 x 2	Short Answer (Two questions from each unit)	20

K1, K2, K3, K4	B (INTERNAL CHOICE) EITHER (a) OR (b)	5 x 5	Question (a) OR (b) from the same Unit and same K Level	25
K2, K3, K4, K5	C (Answer any three question from five questions)	3 x 10	One questions from each unit (No unit missing)	30
Grand Total				75

Sixth Semester				
Course Title		ELEMENTARY STUDY OF THE CONSTITUTION OF INDIA		
Course Code				
Course No	Course Category Core/Elective/ Allied/NME/SSE	No of Credits	No. of hrs/week	Total Marks (Internal + External)
EC-VIII	Elective	2	2	25+75=100

Objectives

This Paper introduces the Indian Constitution and its salient features - fundamental rights and directive principles of state policy. The role and functioning of the executive, legislature and the judiciary.

Unit –I: Introduction

- (a) Meaning and scope of Constitution.
- (b) Types of constitution - written & unwritten; flexible & rigid; unitary & federal.
- (c) Salient features of Indian constitution,
- (d) Fundamental Rights & Directive principles of state policy.

Unit–II: The Union Executive

- (a) The President of India - Qualifications, election procedure.
- (b) The role of the President.
- (c) The Vice-President of India - Qualification & election procedure.
- (d) The role of the Prime Minister.

Unit-III: The Parliament of India

- (a) Lok Sabha-its composition and function.
- (b) Rajya Sabha-its composition and function.
- (c) Basic legislative procedures.
- (d) Budget-procedure & scope.

Unit –IV: The State Administration

- (a) The Governor-role and powers of Governor.
- (b) The role and function of the Chief Minister.
- (c) The State legislature - its role & functions.

Unit–V: The Constitutional Bodies in India

- (a) The role and function of the Supreme Court of India.
- (b) The role and function of the Election Commission.
- (c) The role and function of the Comptroller and Auditor General (CAG).
- (d) The role and function of Union Public Service Commission (UPSC).

REFERENCES

- 1) Basu, D.D., Introduction to the Constitution of India, 20th edn. Nagpur: Lexis Nexis, 2008.
- 2) Basu, D.D., Shorter Constitution of India, 14th edn., Nagpur: Lexis Nexis, 2008.
- 3) Arvind P Datar, Constitution of India, 3 Vols, Nagpur: Lexis Nexis, 2007.

