THIRUVALLUVAR UNIVERSITY

SERKKADU, VELLORE–632115

B.A. DEFENCE AND STRATEGIC STUDIES

SYLLABUS

FROM THE ACADEMIC YEAR

2023 – 2024

PREAMBLE

CHOICE BASED CREDIT SYSTEM AND LEARNING OUTCOMES-BASED CURRICULUM FRAMEWORK BASED B.A. DEFENCE AND STRATEGIC STUDIES- SYLLABUS

Programme:	**U.G.**
Programme Code:	U02
Duration:	**3 Years(UG)**
Programme Outcomes:	PO1: **Disciplinary Knowledge with focus on Defence and Strategic Studies:** Capable of demonstrating (i) comprehensive knowledge and understanding of major concepts, theoretical principles and contemporary strategic environment in Defence & Strategic Studies and its different subfields. The outcome based approach, particularly in the context of Defence and Strategic Studies for undergraduate programme will incorporate a significant shift from teachers centric to learner centric pedagogies and from specific to active/participatory pedagogies where emphasis will be on field Study, educational tours, writing assignments, seminar presentation and Tutorials etc. Teaching, therefore, becomes more interesting and absorbing aiming at demonstrative learning. PO2: **Skilled Communicator and Critical thinker**: Ability to transmit complex information and ability to employ critical thinking relating to national security issues in a clear and concise manner in writing and oral skills. **PO3: Sense of inquiry:** Capability for asking relevant/appropriate questions relating to issues and problems in the field of Defence & Strategic Studies and planning, executing and reporting the results of any issues related to national/international security **PO4: Team player/Leader:** Capable of working effectively in diverse teams in both classroom, in society and real life situations. **PO5: Skilled project manager:** Capable of identifying/mobilizing appropriate resources required for a project, and manage a project through to completion, while observing responsible and ethical conduct. **PO6: Digitally literate:** Capable of using computers to understand strategies

and tactics in conflicts.

PO7: Ethical awareness/reasoning: Capable of embracing and demonstrating the ability to demonstrate moral/ ethical values in one's work and avoiding unethical behavior such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciate environmental and sustainability issues.

PO8: Lifelong learners: Capable of self-paced and self-directed learning aimed at personal development and for improving knowledge/skill development and current affairs.

Programme Specific Outcomes:	**PSO1**: Attainment of sound knowledge about the basics that the students is expected to imbibe in the subject of Defence and Strategic Studies. **PSO 2**: Shall develop capability in understanding the implications of use and threat of use of force in International relations. **PSO 3:**Upon completion of the programme of Bachelor's in Defence and Strategic Studies, a student should have acquired basic competency in strategic affairs covering a wide spectrum of interstate security to global security issues including non-kinetic dimensions. **PSO 4:** Ability to move from LOTS (Lower Order of Thinking Skills) to HOTS (Higher Order of Thinking Skills) in Defence and Strategic Studies. **PSO 5**: Inculcate a spirit of nationalism and develop good values contributing to building strong national character.

	PO 1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PSO 1	Y	Y	Y	Y	Y	Y	Y	Y
PSO 2	Y	Y	Y	Y	Y	Y	Y	Y
PSO3	Y	Y	Y	Y	Y	Y	Y	Y
PSO 4	Y	Y	Y	Y	Y	Y	Y	Y
PSO 5	Y	Y	Y	Y	Y	Y	Y	Y

3 – Strong, 2- Medium, 1- Low

The Core subjects include latest developments in the education and scientific front, advanced

Highlights of the Revamped Curriculum:

➢ Student-centric, meeting the demands of industry & society, incorporating industrial components, hands-on training, skill enhancement modules, industrial project, project with viva-voce, exposure to entrepreneurial skills, training for competitive examinations, sustaining the quality of the core components and incorporating application oriented content wherever required.

➢ programming packages allied with the discipline topics, practical training, devising mathematical models and algorithms for providing solutions to industry / real life situations. The curriculum also facilitates peer learning with advanced mathematical topics in the final semester, catering to the needs of stakeholders with research aptitude.

➢ The General Studies and Mathematics based problem solving skills are included as mandatory components in the 'Training for Competitive Examinations' course at the final semester, a first of its kind.

➢ The curriculum is designed so as to strengthen the Industry-Academia interface and provide more job opportunities for the students.

➢ The Industrial Statistics course is newly introduced in the fourth semester, to expose the students to real life problems and train the students on designing a mathematical model to provide solutions to the industrial problems.

➢ The Internship during the second year vacation will help the students gain valuable work experience, that connects classroom knowledge to real world experience and to narrow down and focus on the career path.

➢ Project with viva-voce component in the fifth semester enables the student, application of conceptual knowledge to practical situations. The state of art technologies in conducting a Explain in a scientific and systematic way and arriving at a precise solution is ensured. Such innovative provisions of the industrial training, project and internships will give students an edge over the counterparts in the job market.

➢ State-of Art techniques from the streams of multi-disciplinary, cross disciplinary and inter disciplinary nature are incorporated as Elective courses, covering conventional topics to the latest - Artificial Intelligence.

Valueadditionsin theRevampedCurriculum:

Semester	NewlyintroducedComponents	Outcome/ Benefits
I	**FoundationCourse** To ease the transition of learningfrom higher secondary to highereducation,providinganoverview ofthepedagogyoflearningLiterature andanalysingtheworldthrough theliterarylens givesrisetoanewperspective.	➢ Instill confidence amongstudents ➢ Createinterestforthesubject
I,II,III,IV	**SkillEnhancementpapers**(Discipline centric /Generic/Entrepreneurial)	➢ Industry ready graduates ➢ Skilledhumanresource ➢ Studentsareequipped withessentialskillsto makethememployable ➢ Trainingonlanguageandcommunic ationskillsenablethestudents gain Knowledge and exposureinthecompetitiveworld. ➢ Discipline centric skillwillimprovetheTechnical knowhow ofsolvingreallife problems.
III,IV,V& VI	Electivepapers	➢ Strengthening the domain knowledge. ➢ Introducing the stake holders to the State-of Art techniques from the streams of multi-disciplinary, cross disciplinary and inter disciplinary nature ➢ Emerging topics in higher education / industry/ communication network / health sector etc. are introduced with hands-on-training.

IV	Elective Papers	➢ Exposure to industry moulds students into solution providers ➢ Generates Industry ready graduates ➢ Employment opportunities enhanced
V Semester	Elective papers	➢ Self-learning is enhanced ➢ Application of the concept to real situation is conceived resulting in tangible outcome
VI Semester	Elective papers	➢ Enriches the study beyond the course. ➢ Developing a research framework and presenting their independent and intellectual ideas effectively.

ExtraCredits: **ForAdvancedLearners/Honorsdegree**	➢ Tocatertotheneedsofpeerlearners/research aspirants
SkillsacquiredfromtheCourses	Knowledge, ProblemSolving, ability,ProfessionalCompetency,ProfessionalCommunicationandTransferrable Skill

Credit Distribution for UG Programmes

Sem I	Credit	H	Sem II	Credit	H	Sem III	Credit	H	Sem IV	Credit	H	Sem V	Credit	H	Sem VI	Credit	H
Part 1. Language – Tamil	3	6	Part..1. Language – Tamil	3	6	Part..1. Language – Tamil	3	6	Part..1. Language – Tamil	3	6	5.1 Core Course – \CC IX	4	5	6.1 Core Course – CC XIII	4	6
Part.2 English	3	6	Part..2 English	3	6	Part..2 English	3	6	Part..2 English	3	6	5.2 Core Course – CC X	4	5	6.2 Core Course – CC XIV	4	6
1.3 Core Course – CC I	5	6	2..3 Core Course – CC III	5	5	3.3 Core Course – CC V	5	5	4.3 Core Course – CC VII Core Industry Module	5	5	5. 3.Core Course CC -XI	4	5	6.3 Core Course – CC XV	4	6
1.4 Core Course – CC II	5	5	2.4 Core Course – CC IV	5	5	3.4 Core Course – CC VI	5	5	4.4 Core Course – CC VIII	5	5	5. 4.Core Course –/ Project with viva-voce CC -XII	4	5	6.4 Elective -VII Generic/ Discipline Specific	3	5
1.5 Elective I Generic/ Discipline Specific	3	5	2.5 Elective II Generic/ Discipline Specific	3	6	3.5 Elective III Generic/ Discipline Specific	3	5	4.5 Elective IV Generic/ Discipline Specific	3	6	5.5 Elective V Generic/ Discipline Specific	3	4	6.5 Elective VIII Generic/ Discipline Specific	3	5

Course			Course			Course			Course			Course			Course		
1.6 Skill Enhancement Course SEC-1	2	2	2.6 Skill Enhancement Course SEC-2	2	2	3.6 Skill Enhancement Course SEC-4, (Entrepreneurial Skill)	1	1	4.6 Skill Enhancement Course SEC-6	2	2	5.6 Elective VI Generic/ Discipline Specific	3	4	6.6 Extension Activity	1	-
1.7 Skill Enhancement -(Foundation Course)	2	2	2.7 Skill Enhancement Course – SEC-3	2	2	3.7 Skill Enhancement Course SEC-5	2	2	4.7 Skill Enhancement Course SEC-7	2	2	5.7 Value Education	2	2	6.7 Professional Competency Skill	2	2
						3.8 E.V.S.	2	2				5.8 Summer Internship /Industrial Training	2				
	23	32		23	32		22	32		25	32		26	30		21	30

Total – 140 Credits

Choice Based Credit System (CBCS), Learning Outcomes Based Curriculum Framework (LOCF) Guideline Based Credit and Hours Distribution System for all UG courses including Lab Hours

First Year – Semester-I

Part	List of Courses	Credit	No. of Hours
Part-1	Language – Tamil	3	6
Part-2	English	3	6
Part-3	Core Courses & Elective Courses [in Total]	13	16
	Skill Enhancement Course SEC-1	2	2
Part-4	Foundation Course	2	2
		23	**32**

Semester-II

Part	List of Courses	Credit	No. of Hours
Part-1	Language – Tamil	3	6
Part-2	English	3	6
Part-3	Core Courses & Elective Courses including laboratory [in Total]	13	16
Part-4	Skill Enhancement Course -SEC-2	2	2
	Skill Enhancement Course -SEC-3 (Discipline / Subject Specific)	2	2
		23	**32**

Second Year – Semester-III

Part	List of Courses	Credit	No. of Hours
Part-1	Language - Tamil	3	6
Part-2	English	3	6
Part-3	Core Courses & Elective Courses including laboratory [in Total]	13	15
Part-4	Skill Enhancement Course –SEC-4 (Entrepreneurial Based)	1	1
	Skill Enhancement Course –SEC-5 (Discipline / Subject Specific)	2	2
	EVS	2	2
		22	**32**

Part	List of Courses	Credit	No. of Hours
Part-1	Language - Tamil	3	6
Part-2	English	3	6
Part-3	Core Courses & Elective Courses including laboratory [in Total]	13	16
Part-4	Skill Enhancement Course -SEC-6 (Discipline / Subject Specific)	2	2
	Skill Enhancement Course -SEC-7 (Discipline / Subject Specific)	2	2
		25	**32**

Third Year

Semester-V

Part	List of Courses	Credit	No. of Hours
Part-3	Core Courses including Project / Elective Based	22	26
Part-4	Value Education	2	2
	Internship / Industrial Visit / Field Visit	2	2
		26	**30**

Semester-VI

Part	List of Courses	Credit	No. of Hours
Part-3	Core Courses including Project / Elective Based & LAB	18	28
Part-4	Extension Activity	1	-
	Professional Competency Skill	2	2
		21	**30**

Consolidated Semester wise and Component wise Credit distribution

Parts	Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Total Credits
Part I	3	3	3	3	-	-	12
Part II	3	3	3	3	-	-	12
Part III	13	13	13	13	22	18	92
Part IV	4	4	3	6	4	1	22
Part V	-	-	-	-	-	2	2
Total	23	23	22	25	26	21	**140**

*Part I. II, and Part III components will be separately taken into account for CGPA calculation and classification for the under graduate programme and the other components. IV, V have to be completed during the duration of the programme as per the norms, to be eligible for obtaining the UG degree.

	MethodsofEvaluation	
Internal Evaluation	ContinuousInternalAssessmentTest	25 Marks
	Assignments	
	Seminars	
	AttendanceandClassParticipation	
External Evaluation	EndSemesterExamination	75 Marks
	Total	100 Marks
MethodsofAssessment		
Recall(K1)	Simpledefinitions,MCQ,Recallsteps,Conceptdefinitions	
Understand/Comprehend(K2)	MCQ,True/False,Shortessays,Conceptexplanations,Shortsummaryor overview	
Application (K3)	Suggestidea/conceptwithexamples,Suggestformulae, Solveproblems, Observe,Explain	
Analyze(K4)	Problem-solvingquestions,Finishaprocedureinmanysteps,Differentiate betweenvariousideas,Mapknowledge	
Evaluate(K5)	Longer essay/Evaluationessay,Critiqueorjustifywithprosandcons	
Create(K6)	Checkknowledgeinspecificoroffbeatsituations,Discussion,Debatingor	

		Presentations

The CBCS System

All Programmes (named after the Core subject) mentioned earlier are based on Choice Based Credit System (CBCS). It is an instructional package developed to suit the needs of students to keep pace with the developments in higher education and the quality assurance expected of it in the light of liberalization and globalization in higher education.

1. Course of Study

The main subject of study for bachelor degree shall consist of the following:

Part – I	:	Tamil
Part – II	:	English
Part – III	:	Core, Allied subjects and Elective
Part – IV	:	(i) (a) Those who have not studied Tamil upto 12thStandard taken a non-Tamil language under Part I shall take Tamil comprising of 2 courses (Level will be at 6thSTD). (b) Those who studied Tamil up to 12thSTD and took a Non Tamil language under Part I shall take Advanced Tamil comprising two courses. (c) Others that do not come under (a) & (b) can choose Non Major elective. (ii) Soft Skill paper (offered by English Depart (iii) Environmental Studies (iv) Value Education
PART V	:	**Extension activities**: Extension activity is compulsory (ROTRACT, NCC,

	NSS, CSS, YRC, RRC, SPORTS, YOGA,, etc.)		

2. Credits

The term 'Credit' refers to the weightage given to a course, usually in relation to the instructional hours assigned to it. For instance, the course with six hours per week is assigned four credits, course with four / five hour per week is assigned three credits and course with two hour per week is given two credits. The total minimum credits, required for completing the UG program is 140.

The details of credits for individual components and individual courses are given below:

	Study Components	No. of Courses	Credit Per Course	Total Credits
Part-I	Tamil/Other Languages	2 + 2 = 4	3	12
Part-II	English	2 + 2 = 4	3	12
Part-III	Course Courses	13 – 15	4- 5	60
	Allied Courses	4	5	20
	Project/Elective with three courses	3	5	15`
	(a) Those who have not studied Tamil upto 12thStandard taken a non-Tamil language under Part I shall take Tamil comprising of 2 courses (Level will be at 6thSTD). (b) Those who studied Tamil up to 12thSTD and took a Non Tamil language under Part I shall take Advanced Tamil comprising	1+1 = 2	2	4

Part-IV	two courses. (c) Others that do not come under (a) & (b) can choose Non Major elective.			
	Soft Skill paper (offered by English Department)	2 + 2 = 4	3	12
	Environmental Studies	1	2	2
	Value Education	1	2	2
Part-V	Extension Activities	1	1	1
	Total Credits			**140**

3. Extension Activity

All the students shall have to enroll for NSS/NCC/NSO (Sports & Games)Rotract/ Youth Red Cross or any other service organizations in the college and shall have to put in compulsory minimum attendance of 40 hours which shall be duly certified by the Principal of the College before 31st March in a year. If a student LACKS 40 HOURS ATTENDANCE in the First Year, he/ shall have to compensate the same during the subsequent years.

Students those who complete minimum attendance of 40 hours in One year will get HALF A CREDIT and those who complete the attendance of 80 or more hours in Two Years will get ONE CREDIT.

Literacy and Population Education Field work shall be compulsory components in the above extension service activities.

4. Selection of candidates to Non-Major Elective Courses and Skill based Elective Courses

The Non-Major and skill based elective Courses 2+4 in numbers for each UG degree, are open to all students irrespective of science, Arts or Commerce Programmes. A student shall choose at least two Non-Major Elective Courses and three skill based elective courses from outside his / her Department.

Selection of student to the EC (NME & SS):

a. The Department Committee shall follow a selection procedure on a first come first served basis, fixing the maximum number of students, giving counseling to the students etc. to avoid overcrowding to particular course(s) at the expense of some other courses.

b. The failed candidates in one EC are permitted to opt for another EC in another programme or they are permitted to continue with the same EC.

c. The College shall provide all information relating to the ECs in each programme to all the students so as to enable them to choose their ECs.

B.A., Defence and Strategic Studies

Sem. No	Part No.	Course	Subject code	Course Title	Ins. Hrs/ Week	Credit	Exam Hrs	Marks Int	Ext	Total
I	I	LC – I		Language Tamil	6	3	3	25	75	100
	II	ELC – I		English	6	3	3	50	50	100
	III	CC – I		Strategic Study of India	6	5	3	25	75	100
	III	CC – II		Fundamentals of War and Peace	5	5	3	25	75	100
	III	EC-I		An Introduction to Political Science I	5	3	3	25	75	100
	IV	SEC – I		Skill Enhancement Course - I Technical Writing in Defence	2	2	3	25	75	100
	IV	SEFC– I		India Since Independence	2	2	3	25	75	100
				Total	**32**	**23**				**700**
II	I	LC – II		Language Tamil	6	3	3	25	75	100
	II	ELC – II		English	6	3	3	25	75	100
	III	CC – III		Warfare in India (up to 1947)	5	5	3	25	75	100
	III	CC – IV		World Military History	5	5	3	25	75	100
	III	EC – II		An Introduction to Political Science II	6	3	3	25	75	100
	IV	SEC-II		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		Military Psychology / Naan Mudhalvan	2	2	3	50	50	100
				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**				**800**
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

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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	
	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**
	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
V	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**
	III	CC-XIII		Elementary Strategic Thought	6	4	3	25	75	100
VI	III	CC-XIV		Comprehensive Security	6	4	3	25	75	100
	III	CC-XV		Arms Control and	6	4	3	25	75	100

Sem. No	Part No.	Course	Subject code	Course Title	Ins. Hrs/ Week	Credit	Exam Hrs	Marks		Total
								Int	Ext	
				Disarmament						
III	EC – VII			Disaster Management	5	4	3	25	75	100
III	EC – VIII			ElementaryStudyofthe Constitution of India/ Naan Mudhalvan	5	2	3	25	75	100
IV	PCS			Project/Viva Voce	2	2				100
V	EA			Extension Activity	-	1		100		100
				Total	**30**	**21**				**700**
				Total Credits	**180**	**140**				**4400**

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

Vision is towards Integrated Formation of Youth, Grounded in Quality, Serve the Humanity.

B. MISSION

- To Provide in Comprehensive Education in Defence and Strategic studies
- To Promote Skills that Prepare them for the Future
- To Ignite in Young Minds the Spirit of the Social and Academic Excellence.

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)

Students will be able to:

1. Demonstrate strong theoretical and practical foundation in their Programme domain.

2. Pursue higher education to gain mastery in their field of specialization

3. Evolve as leaders and entrepreneurs with sound moral and professional ethical values

4. Demonstrate preparedness for lifelong learning and be able to adapt to self-learning

5. Exhibit excellent interpersonal and communication skills to work effectively as individuals or in team

6. Emerge as responsible citizens committed to the cause of nation building by serving the society and saving the environment

SEMESTER-I

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, K**4** –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 × 2	Short Answer (Two questions from each unit)	20
K1, K2, K3,K4	B (**INTERNAL CHOICE**) EITHER (a) OR (b)	5 × 5	Question (a) and (b) from the same Unit and same K Level	25
K2,K3, K4, K5	C (Answer any three question from five questions)	3 × 10	One question from each unit (No unit missing)	30
Grand Total				**75**

First Semester				
Course Title		**FUNDAMENTALS OF WAR AND PEACE**		
Course Code				
Course No	**Course Category Core/Elective/Allied/ 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**

    a) Nomenclature and understanding of the terms Military Science, Military Studies, War Studies, Peace Studies, Conflict Studies, Defence Studies and Defence and Strategic Studies

    b) 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.		

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

BLOOMS TAXANOMY BASED QUESTION PAPER 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	5 x 5	Question (a) OR	25

	(INTERNAL CHOICE) EITHER (a) OR (b)		(b) from the same Unit and same K Level	
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**

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 Contact 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, K**4** –Analysing , **K5**–Evaluating , K**6**–Creating.		

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

CO URS	PROGRAMME SPECIFIC OUTCOMES (PSO)

		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
	CO1	3	3	2	2	2	1
	CO2	3	3	2	2	2	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	7	5
	Average	3	3	2	2	1.4	1

Level of Correlation between PSO's and CO's

1 – Low

2 – Medium

3 – High

0– No Correlation

BLOOMS 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**

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 –

- Highlightthephysiographic,historical,socio-political,cultural,andeconomicstructureof independent India.

- Understand and relate this to the contemporary development that impingeson its politico strategic policyorientation.

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 Principlesof State Policy   **(15 Hours)**

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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

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, K**4** –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	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	6
	Average	3	3	2	2	1.2	1.2

Level of Correlation between PSO's and CO's

1 – Low

2 – Medium

3 – High

0– No Correlation

BLOOMS TAXANOMY BASED QUESTION PAPER 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	3 x 10	One questions from each unit (No unit missing)	30

UG Degree Pattern

	question from five questions)			
Grand Total				**75**

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:

Aftercompletingthis course,studentswillbe ableto–

• Develop their Listening, Reading, Writing skills.

• Develop their communication skills related to the Defence Studies.

UNITI–
a) Skills in Listening and Writing
b) Skills in Reading and Understanding

UNITII–
a) Skills to Read and Respond to Instructions
b) Skills of Interpretation and Transcoding Information

UNITIII–
a) Skills in Seeking and Responding to Information
b) 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.		

PROGRAMMESPECIFICOUTCOMES(PSO)–COURSE OUTCOME(CO)MAPPING

COURSEOUTCOMES(CO)	PROGRAMMESPECIFICOUTCOMES(PSO)					
	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	**3**	**3**	**2**	**2**	**2**	**2**

	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	6
	Average	3	3	2	2	1.2	1.2

LevelofCorrelation betweenPSO'sandCO's

1–Low

2 –Medium

3 –High

0–NoCorrelation

BLOOMSTAXANOMYBASEDQUESTIONPAPERPATTERN

UGDegree Pattern

Knowledge Level	Section	Marks	Description	TotalMarks

K1,K2,K3,K4	A (Answerallthequestions)	10x2	ShortAnswer (Twoquestionsfromeachunit)	20
K1,K2,K3,K4				
K2,K3,K4,K5				
B (**INTERNAL CHOICE**)EITHER (a)OR(b)	5x5		Question(a)OR(b) from thesameUnitandsameKLevel	25
C (Answer any threequestionfromfivequestions)	3x10		Onequestionsfromeachunit(Nounitmissing)	30
Grand Total				**75**

SEMESTER-II

B.A Degree Programme in Defence and Strategic Studies

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) Malleson, G.B., The Decisive Battles of India, London: W.H.Allen, 1885

3) Saxena, K.L.M., Military System of India-1850-1900, Delhi'1976.

4) Roy, Koushik., From Hydespas to Kargil : A History of Warfare in India from 326 B.C. to

A.D 1999, Delhi: Manohar,2004.

5) 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

K1 – Remembering, **K2**– Understanding, **K3** –Applying, K**4** –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	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	7	6
Average	3	3	2	2	1.4	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**

B.A Degree Programme in Defence and Strategic Studies

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 Napoleon's Era.	K1, K2, K3, K4
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, K**4** –Analysing , **K5**–Evaluating ,

K6–Creating.

CO-PSO Mapping (Course Articulation Matrix)

		PROGRAMME SPECIFIC OUTCOMES (PSO)					
		PSO1	**PSO2**	**PSO3**	**PSO4**	**PSO5**	**PSO6**
COURSE OUTCOMES (CO)	**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	6

	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 x10	One questions from each unit (No unit missing)	30
Grand Total				**75**

Second Semester				
Course Title	AN INTRODUCTION TO POLITICAL SCIENCE– II			
Course Code				
Course No	Course Category Core/Elective/Allied/ 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. Shakdhar, 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, K**4** –Analysing , **K5**–Evaluating , **K6**–Creating.		

CO-PSO Mapping (Course Articulation Matrix)

		PROGRAMME SPECIFIC OUTCOMES (PSO)					
COURSE OUTCOMES (CO)		**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**	**PSO6**
	CO1	3	3	2	2	2	2
	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**	**6**
	Average	**3**	**3**	**2**	**2**	**1.2**	**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**

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

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 correct 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, India 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, K**4** –Analysing , **K5**–Evaluating ,		

K6–Creating.

CO-PSO Mapping (Course Articulation Matrix)

	PROGRAMME SPECIFIC OUTCOMES (PSO)					
COURSE OUTCOMES (CO)	**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**

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 causalities. 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., &Mangelsdroff, 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., Adavid, 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, K**4** –Analysing , **K5**–Evaluating , **K6**–Creating.		

CO-PSO Mapping (Course Articulation Matrix)

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	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 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, K**4** –Analysing , **K5**–Evaluating , **K6**–Creating.		

PROGRAMME SPECIFICOUTCOMES (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
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 & Schulter, 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 the foreign policy	K1,K2,K3,K4
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, K**4** –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

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 : Introdution—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, Mehatraj. (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

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, K**4** –Analysing , **K5**–Evaluating , **K6**–Creating.

CO-PSO Mapping (Course Articulation Matrix)

		PROGRAMME SPECIFIC OUTCOMES (PSO)					
COURSE OUTCOMES (CO)		**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	0 – No Correlation
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	**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, K**4** –Analysing , **K5**–Evaluating ,

K6–Creating.

CO-PSO Mapping (Course Articulation Matrix)

<table>
<tr><th rowspan="2">COURSE OUTCOMES (CO)</th><th colspan="7">PROGRAMME SPECIFIC OUTCOMES (PSO)</th></tr>
<tr><th></th><th>PSO1</th><th>PSO2</th><th>PSO3</th><th>PSO4</th><th>PSO5</th><th>PSO6</th></tr>
<tr><td></td><td>CO1</td><td>3</td><td>3</td><td>2</td><td>2</td><td>2</td><td>2</td></tr>
<tr><td></td><td>CO2</td><td>3</td><td>3</td><td>2</td><td>2</td><td>2</td><td>2</td></tr>
<tr><td></td><td>CO3</td><td>3</td><td>3</td><td>2</td><td>2</td><td>2</td><td>1</td></tr>
<tr><td></td><td>CO4</td><td>3</td><td>3</td><td>2</td><td>2</td><td>1</td><td>1</td></tr>
<tr><td></td><td>CO5</td><td>3</td><td>3</td><td>2</td><td>2</td><td>1</td><td>1</td></tr>
<tr><td></td><td>Total</td><td>15</td><td>15</td><td>10</td><td>10</td><td>8</td><td>7</td></tr>
<tr><td></td><td>Average</td><td>3</td><td>3</td><td>2</td><td>2</td><td>1.6</td><td>1.4</td></tr>
</table>

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, K**4** –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:
Aftergoingthroughthispaperstudentswillhaveanunderstandingofwarsthatwerefoughtaf ter the end of World War – II . This paper deals with the evolution of limited wars afterthe end of World War – II. To make the students learn about some of the important warsthatwas fought after 1945.

Unit– 1:Korean War   **(18 Hours)**
a) Concept,meaningand scopeof limitedwars
b) CausesofKorean War
c) Mainevents
d) RoleofUNO

Unit– 2:VietnamWar   **(18 Hours)**
a) Causes b)Mainevents   c)Lessonslearnt

Unit–3:ArabIsraeliWars, 1967&1993 (15Hours)   **(18 Hours)**
a) Causes b)Mainevents c)RoleofAirpower d) Lessonslearnt

Unit– 4:Iran –Iraq War(15 Hours)   **(18 Hours)**
a) Causes b)Highlightsofthewar c)Resultandlessons learnt

Unit– 5:Gulf ofWarI&II (15 Hours)   **(18 Hours)**
a) Causes b)Highlightsofthewar c)RoleoftheUN

Reference Books:

1) Hastings,Max,TheKoreanWar,(London:1987)
2) Herring,George, America'sLongestWar(NewYork,1996)
3) Fraser,T.G.,TheArab- IsraeliConflict(London:1995)
4) Agwani,M.S.,TheWestAsian Crisis,NewDelhi:1995.
5) Colvocoressi,P.,WorldPolitics:1954-2000,NewDelhi:PearsonEducation,2001.
6) Schoot, Ian.,WorldFamousBattles,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, K**4** –Analysing , **K5**–Evaluating , **K6**–Creating.		

CO-PSO Mapping (Course Articulation Matrix)

<table>
<tr><td rowspan="8" style="writing-mode: vertical-rl">COURSE OUTCOMES (CO)</td><td colspan="7">PROGRAMME SPECIFIC OUTCOMES (PSO)</td></tr>
<tr><td></td><td>PSO1</td><td>PSO2</td><td>PSO3</td><td>PSO4</td><td>PSO5</td><td>PSO6</td></tr>
<tr><td>CO1</td><td>3</td><td>3</td><td>2</td><td>2</td><td>2</td><td>2</td></tr>
<tr><td>CO2</td><td>3</td><td>3</td><td>2</td><td>2</td><td>2</td><td>2</td></tr>
<tr><td>CO3</td><td>3</td><td>3</td><td>2</td><td>2</td><td>2</td><td>1</td></tr>
<tr><td>CO4</td><td>3</td><td>3</td><td>2</td><td>2</td><td>1</td><td>1</td></tr>
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<tr><td>Total</td><td>15</td><td>15</td><td>10</td><td>10</td><td>8</td><td>7</td></tr>
<tr><td>Average</td><td>3</td><td>3</td><td>2</td><td>2</td><td>1.6</td><td>1.4</td></tr>
</table>

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 (Int ernal+ 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, K**4** –Analysing , **K5**–Evaluating ,

K6–Creating.

CO-PSO Mapping (Course Articulation Matrix)

		PROGRAMME SPECIFIC OUTCOMES (PSO)					
		PSO1	**PSO2**	**PSO3**	**PSO4**	**PSO5**	**PSO6**
COURSE OUTCOMES (CO)	**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:Theevolutionofnuclearerasince1945
b) B: Basice ofnucleartechnology,&nuclearenergy
c) C: effectsofnuclear explosion.

Unit–II:Deliverysystems

a) A:missiles,types&effects.
b) B: Triad
c) C:Tacticalnuclear weapons.

Unit–III:NuclearWarfareTheories

a) A:Preventivewar,pre-emptivewarstrategy
b) B:massiveRetaliation &Flexible Response.
c) C:CounterValue, CounterForce,MAD& MAS.

Unit–IV:NuclearWeaponstreaties

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. Oppenheium, 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, K**4** –Analysing , **K5**–Evaluating ,

K6–Creating.

CO-PSO Mapping (Course Articulation Matrix)

<table>
<tr><td rowspan="9" style="writing-mode:vertical-rl">COURSE OUTCOMES (CO)</td><td colspan="7">PROGRAMME SPECIFIC OUTCOMES (PSO)</td></tr>
<tr><td></td><td>PSO1</td><td>PSO2</td><td>PSO3</td><td>PSO4</td><td>PSO5</td><td>PSO6</td></tr>
<tr><td>CO1</td><td>3</td><td>3</td><td>2</td><td>2</td><td>2</td><td>2</td></tr>
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<tr><td>CO5</td><td>3</td><td>3</td><td>2</td><td>2</td><td>1</td><td>1</td></tr>
<tr><td>Total</td><td>15</td><td>15</td><td>10</td><td>10</td><td>8</td><td>7</td></tr>
<tr><td>Average</td><td>3</td><td>3</td><td>2</td><td>2</td><td>1.6</td><td>1.4</td></tr>
</table>

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

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(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, K**4** –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
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**

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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
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, K**4** –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**

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: GUERILLA 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)

		PROGRAMME SPECIFIC OUTCOMES (PSO)					
		PSO1	**PSO2**	**PSO3**	**PSO4**	**PSO5**	**PSO6**
COURSE OUTCOMES (CO)	**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	**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	One questions from each unit (No unit missing)	30
Grand Total				**75**

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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, K**4** –Analysing , **K5**–Evaluating ,
K6–Creating.

CO-PSO Mapping (Course Articulation Matrix)

		PROGRAMME SPECIFIC OUTCOMES (PSO)					
		PSO1	**PSO2**	**PSO3**	**PSO4**	**PSO5**	**PSO6**
COURSE OUTCOMES (CO)	**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	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.
Theusageofwordsinwritingastorytomakeanimpactontheeraderistaughttothestudents in this paper.

Unit–I:IntroductiontoNewsWritingProcedure

a) Wheretobegin,theDateand Place
b) Paragraphingand Readability
c) AidstoclarityandJournalisticStyle

Unit–II:DefiningtheNewsStory

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

Unit –III:TheFive'W's

a) Emphasizingimportantpoints

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    b)   TheImportanceoftime

    c)   Tellingastory'Where'andotherapplicationofthe'W's

Unit–IV:Typesof Newsstory

    a)   Political

    b)   IndustrialandFinance

    c)   CivicAffairs

Unit–V:Specialized Reporting

    a)   ScienceReporting

    b)   IndustrialReporting

    c)   EntertainmentReporting

REFERENCES

1)   Menon,P.K,ElectronicMediaandBroadcasting,Jaipur:AavishkarPublishing,2006.

2)   Sharma,R.K.,JournalismasaProfessioninIndia,Mumbai:MediaPromoter sand Publishers,1990.

3)   Campbell,LaurenceRaudolph,HowtoReportandWritetheNews,PrenticeHall, 1961.

4)   VishnuDatta,(ed).,JournalismToday:Trends,Ethics&Laws,NewDelhi:Ak ansha 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.

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, K**4** –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, K**4** –Analysing , **K5**–Evaluating , **K6**–Creating.		

CO-PSO Mapping (Course Articulation Matrix)

		PROGRAMME SPECIFIC OUTCOMES (PSO)					
COURSE OUTCOMES (CO)		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

	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

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
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, K**4** –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	One questions from each unit (No unit missing)	30
Grand Total				**75**

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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 Warming 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 programes 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, K**4** –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	**ELEMENTARYSTUDYOFTHECONSTITUTIONOFINDIA**			
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) Meaningandscopeof Constitution.
- (b) Typesofconstitution-written&unwritten;flexible&regid;unitary&fedral.
- (c) Salientfeaturesofindianconstitution,
- (d) FundamentalRights&Directiveprinciplesofstate policy.

Unit–II:TheUnion Executive

- (a) ThePresidentofIndia-Qualifications,electionprocedure.
- (b) Theroleofthe President.
- (c) TheVice-PresidentofIndia-Qualification&electionprocedure.
- (d) Theroleofthe Prime Minister.

Unit-III:TheParliamentofIndia

    (a) LokSabha-itscompositionandfunction.
    (b) RajyaSabha-itscompositionand function.
    (c) Basic legislative procedures.
    (d) Budget-procedure&scope.

Unit –IV:TheState Administration

    (a) TheGovernor-roleandpowersofGovernor.
    (b) TheroleandfunctionoftheChief Minister.
    (c) TheStatelegislature - itsrole& functions.

Unit–V:TheConstitutionalBodiesinIndia

    (a) TheroleandfunctionoftheSupremeCourtofIndia.
    (b) TheroleandfunctionoftheElectionCommission.
    (c) TheroleandfunctionoftheComptrollerandAuditorGeneral(CAG).
    (d) TheroleandfunctionofUnionPublicServiceCommission(UPSC).

REFERENCES

1) Basu,D.D.,IntroductiontotheConstitutionofIndia,20thedn.Nagpur:LexisNexis,2008.
2) Basu,D.D.,ShorterConstitutionofIndia,14thedn.,Nagpur:LexisNexis,2008.
3) ArvindPDatar,ConstitutionofIndia,3Vols,Nagpur:LexisNexis,2007.