

**CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY  
KANPUR**



**Four Year Undergraduate Programme (FYUP)**

**DEFENSE & STRATEGIC STUDIES**

**Syllabus of**

**4 YEAR B.A. (HONOURS)**

**4 YEAR B.A. (HONOURS WITH RESEARCH)**

**AND**

**4+1 YEAR (B.A. HONOURS/ B.A. HONOURS WITH  
RESEARCH + M.A.) IN DEFENSE & STRATEGIC STUDIES**

**SESSION 2025-2026 ONWARDS**



## छत्रपति शाहू जी महाराज विश्वविद्यालय, कानपुर

CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY, KANPUR

(पूर्ववर्ती कानपुर विश्वविद्यालय, कानपुर)

Formerly Kanpur University, Kanpur – 208024

This draft of the **Curriculum and Credit Framework for the Four-Year Undergraduate Programme (FYUP)** in Defence and Strategic Studies, based on the **National Education Policy (NEP)–2020**, has been finalised in the Board of Studies meeting convened by **Chhatrapati Shahu Ji Maharaj University, Kanpur**, in accordance with the guidelines issued by the **University Grants Commission (UGC)** and the **Government of Uttar Pradesh**, and will be effective from the academic session 2025–26.

The Board of Studies meeting was held under the convenorship of **Prof. D.C. Katiyar** at P.P.N College, Kanpur, in hybrid mode on **11<sup>th</sup> May 2025**.

S.No.	Name	Designation	Signature
1.	Prof. D.C. Katiyar, Head, Deptt. of Defence and Strategic Studies, P.P.N College, Kanpur, U.P.	Convenor	
2.	Prof. Arun Kumar Dixit, Principal, D.A-V (P.G) College, Kanpur, U.P.	Member	
3.	Prof. Kailash Tyagi, Deptt. of Defence and Strategic Studies M.V.M College, Bhopal, (M.P)	Member	
4.	Prof. Girish Sharma, Deptt. of Defence & Strategic Studies, Government Science College, Gwalior, M.P	Member	
5.	Prof. S.N.M Tripathi, Deptt. of Defence and Strategic Studies, D. D. U. Gorakhpur University, Gorakhpur, U.P.	Member	
6.	Prof. Bharti Das, Head, Deptt. of Defence & Strategic Studies, University of Allahabad, Allahabad, U.P	Member	
7.	Prof. Vinod Mohan Mishra, Deptt. of Defence and Strategic Studies, D.A-V College, Kanpur, U.P.	Member	
8.	Prof. A.K Singh, Deptt. of Defence and Strategic Studies, P.P.N College, Kanpur U.P.	Member	
9.	Dr. Sangeeta Chaudhary, Assistant Professor, Dept. of Defence and Strategic Studies, V.S.S.D College Kanpur, U.P	Member	
10.	Dr. Abhya Raj Singh, Assistant Professor, Dept. of Defence and Strategic Studies, D.A-V (P.G) College, Kanpur, U.P.	Member	

Date: **11<sup>th</sup> May 2025**

Place: **Kanpur Nagar**

Link: <https://meet.google.com/xuf-kthh-pmi>

## CURRICULUM & CREDIT FRAMEWORK FOR FYUP

SEMESTER- WISE TITLES OF THE PAPERS IN FYUP OF DEFENCE & STRATEGIC STUDIES			
Year	Course code	Paper Title	Credit
		<b>Semester-I</b>	
B.A-I	A120101T	Conceptual Aspect of war	4
	A120102P	Basics of Operational Exercise-I	2
		<b>Semester-II</b>	
	A120201T	Military History of India	4
	A120202P	Basics of Operational Exercise-II	2
		<b>Semester-III</b>	
B.A- II	A120301T	National Security- Conceptual Aspects	4
	A120302P	Basics of Operational Exercise-III	2
		<b>Semester-IV</b>	
	A120401T	Strategic Thought	4
	A120402P	Basics of TEWTs/Sand Model Exercises, Sketching, Discussion	2
	A120403R	Research Project	3
		<b>Semester-V</b>	
B.A- III	A120501T	Indian Defence Mechanism	4
	A120502T	National Security of India	4
	A120503P	Military use of Electromagnetic Spectrum, Press Clipping, Tour	2
		<b>Semester-VI</b>	
	A120601T	Science and Technology in Relation to Warfare	4
	A120602T	Military Psychology	4
	A120603P	Spotting Strategic Locations, Military Models, Presentation	2
		<b>Semester –VII</b>	
B.A – IV (With Honours Degree)	A120701T	Peace and Conflict Studies	4
	A120702T	Conceptual Aspects of National Security	4
	A120703T	W.M.D, Disarmament and Arms Control	4
	A120704T	Legal Aspects of War	4
	A120705P	Practical	4
		<b>Semester –VIII</b>	
	A120801T	Evolution and Development of Western art of war	4
	A120802T	Military Journalism	4
	A120803T	Geo-politics and Military Geography	4
	A120804T	Economics Aspects of War	4
	A120805P	Practical	4

OR			
		<b>Semester –VII</b>	
B.A– IV (With Research Degree)	A120701T	Peace and Conflict Studies	4
	A120702T	Conceptual Aspects of National Security	4
	A120703T	W.M.D, Disarmament and Arms Control	4
	A120705P	Practical	4
	A120706R	Research Projects/Dissertation <b>(Progressive)</b>	4
		<b>Semester –VIII</b>	
	A120801T	Evolution and Development of Western art of war	4
	A120803T	Geo politics and Military Geography	4
	A120804T	Economics Aspects of War	4
	A120805P	Practical	4
	A120806R	Research Projects/Dissertation <b>(Summited)</b>	4
P.G (Master in Faculty)		<b>Semester –IX</b>	
	A120901T	Fundamental Aspects of Research Methodology	4
	A120902T	Science, Technology and National Security	4
	A120903T	Security and Cooperation in South Asia <b>(Elective)</b>	4
	A120904T	Contemporary Strategic Environment and Issues <b>(Elective)</b>	
	A120905P	Practical	4
	A120906R	Research Projects <b>(Progressive)</b>	4
		<b>Semester –X</b>	
	A121001T	Evolution of Strategic Thought	4
	A121002T	Non-Traditional Security	4
	A121003T	Theories of International Relations <b>(Elective)</b>	4
	A121004T	India's Defence and Foreign Policy Initiatives <b>(Elective)</b>	
	A121005P	Practical	4
	A121006R	Research Projects <b>(Summited)</b>	4

# PROPOSED YEAR WISE CURRICULUM & CREDIT FRAMEWORK FOR FYUP IN DEFENCE AND STRATEGIC STUDIES

## Program Outcomes (POs)

1. 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.
2. Shall develop capability in understanding the implications of use and threat of use of force in International relations.
3. Shall seek, identify and apply the acquired knowledge in Defence and strategic studies on contemporary issues of strategic relevance.
4. Ability to move from LOTS (Lower Order of Thinking Skills) to HOTS (Higher Order of Thinking Skills) in Defence and Strategic Studies.
5. The course curriculum in Defence and Strategic Studies is designed to encourage the acquisition of disciplinary/subject understanding, gain academic knowledge and professional skills required for any career pursuit be it choosing for higher studies or a job.

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.

## B.A. - First Year

### Certificate in Faculty of Defence and Strategic Studies

## Program Specific Outcomes (PSOs)-

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

1. 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. **(Semester-I)**
2. Become familiar in evolution of art of warfare in India; Learn and understand the Strategy, tactics, application of principles of war and causes of defeat and victory of various Indian, Mughal, Maratha and Sikh Generals. Besides, in a position to appreciate and understand evolutionary changes in the art and science of war in India through ages **(Semester-II)**

<b>B.A-I</b>	<b>Name of Paper</b>	<b>Credits</b>	<b>No. of Lectures</b>
<b>Semester-I</b>	Conceptual Aspect of war (Theory)	4	60
	Basics of Operational Exercises-I (Practical)	2	30
	<b>Total</b>	6	90
<b>Semester-II</b>	<b>Name of Paper</b>	<b>Credits</b>	<b>No. of Lectures</b>
	Military History of India (Theory)	4	60
	Basics of Operational Exercises-II (Practical)	2	30
	<b>Total</b>	6	90

**B.A. - Second Year**  
**Diploma in Faculty of Defence and Strategic Studies**

**Program Specific Outcomes (PSOs) -**

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

1. Develop core competencies in national security affairs by building his/her capacity on essentials of National Security through theory and practice. Understand the national security challenges both internal and external a country face; and understand the Contemporary security environment in the world. **(Semester-III)**
2. Acquaint them with the concepts of strategic thinking as propounded by prominent classical and modern thinkers. Students will also develop analytical thinking regarding relevance of such thought to contemporary period. **(Semester-IV)**

<b>B.A- II</b>	<b>Name of Paper</b>	<b>Credits</b>	<b>No. of Lectures</b>
<b>Semester-III</b>	National Security- Conceptual Aspects (Theory)	4	60
	Basics of Operational Exercises- III (Practical)	2	30
	<b>Total</b>	6	90
	<b>Name of Paper</b>	<b>Credits</b>	<b>No. of Lectures</b>
<b>Semester-IV</b>	Strategic Thought (Theory)	4	60
	Basics of TEWTs/Sand Model Exercises, Sketching, Discussion (Practical)	2	30
	<b>Total</b>	6	90

**B.A. -Third Year**

**3 Year UG Degree in Defence and Strategic Studies**

**Program Specific Outcomes (PSOs)**

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

1. Equip the students with specific knowledge of India's threat perceptions; An assessment at both internal and external level besides fair idea of problems the country faces as a nation state; and The Structure, objectives, role and problems of Civil Defence Organization in India. **(Semester V)**
2. Acquire knowledge on how significant the role of science and technology is to Society and to National Security. The paper also provides realization in contemplating on the military-industrial complex (MIC) of a nation; besides Understanding the concepts and applications of Electronics Warfare, Space and Ballistic Missile Defence (BMD) in Warfare. **(Semester VI)**

<b>B.A- III</b>	<b>Name of Paper</b>	<b>Credits</b>	<b>No of Lectures</b>
<b>Semester-V</b>	Indian Defence Mechanism (Theory)	4	60
	National Security of India (Theory)	4	60
	Military use of Electromagnetic Spectrum, Press Clipping, Tour (Practical)	2	30
	<b>Total</b>	10	150

	<b>Name of Paper</b>	<b>Credits</b>	<b>No of Lectures</b>
<b>Semester-VI</b>	Science And Technology in Relation to Warfare (Theory)	4	60
	Military Psychology (Theory)	4	60
	Spotting Strategic Locations, Military Models, Presentations (Practical)	2	30
	<b>Total</b>	10	150

## **B.A. - Fourth Year**

### **4 Year UG Degree with Honors in Defence and Strategic Studies**

#### **Program Specific Outcomes (PSOs)**

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

1. The students will develop a deep understanding of strategic theories, concepts, and national security doctrines, enabling them to critically analyze contemporary issues such as arms control, disarmament, and internal as well as regional security dynamics. This knowledge prepares them for careers in defense analysis, policy making, civil services, and strategic research. **(Semester-VII)**
2. Graduates will acquire the ability to assess the historical and contemporary aspects of Indian military history and international relations. They will also gain practical knowledge in military geography and legal aspects of war, equipping them with analytical and practical skills required for roles in research institutions, strategic think tanks, and defense services. **(Semester-VIII)**

<b>B.A -IV</b>	<b>Name of Paper</b>	<b>Credits</b>	<b>No of Lectures</b>
<b>Semester-VII</b>	Peace and Conflict Studies	4	60
	Conceptual Aspects of National Security	4	60
	W.M.D, Disarmament and Arms Control	4	60
	Legal Aspects of War	4	60
	Practical	4	60
	<b>Total</b>	20	300

<b>B.A -IV</b>	<b>Name of Paper</b>	<b>Credits</b>	<b>No of Lectures</b>
<b>Semester-VIII</b>	Evolution and Development of Western art of war	4	60
	Military Journalism	4	60
	Geo-politics and Military Geography	4	60
	Economics Aspects of War	4	60
	Practical	4	60
	<b>Total</b>	20	300

## **B.A - Fourth Year**

### **4 Year UG Degree with Research Degree in Defence and Strategic Studies**

#### **Program Specific Outcomes (PSOs)**

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

1. Students will gain comprehensive knowledge of the evolution of Indian and Western art of war, conceptual frameworks of national security, and the geopolitical and economic dimensions of conflict. This outcome enables them to critically evaluate contemporary global and regional security challenges, contributing effectively to strategic studies, defence research, and policy-making arenas. **(Semester-VII)**
2. Through focused research projects and dissertation work, students will develop strong analytical, methodological, and practical skills required for high-level strategic and defence research. They will be able to independently explore issues related to peace, conflict, WMDs, disarmament, and arms control, preparing them for academic, governmental, and institutional roles in national and international security domains. **(Semester-VIII)**

<b>B.A -IV</b>	<b>Name of Paper</b>	<b>Credits</b>	<b>No of Lectures</b>
<b>Semester-VII</b>	Peace and Conflict Studies	4	60
	Conceptual Aspects of National Security	4	60
	W.M.D, Disarmament and Arms Control	4	60
	Practical	4	60
	Research Projects/Dissertation <b>(Progressive )</b>	4	60
	<b>Total</b>	20	300
<b>B.A -IV</b>	<b>Name of Paper</b>	<b>Credits</b>	<b>No of Lectures</b>
<b>Semester-VIII</b>	Evolution and Development of Western art of war	4	60
	Geo politics and Military Geography	4	60
	Economics Aspects of War	4	60
	Practical	4	60
	Research Projects/Dissertation <b>(Submitted)</b>	4	60
	<b>Total</b>	20	300

### **M.A – Fifth Year**

#### **Master in Faculty of Defence and Strategic Studies**

#### **Program Specific Outcomes (PSOs)**

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

1. Students will develop a comprehensive understanding of research methodology, science and technology's role in national security, and regional cooperation in South Asia. Through practical work and research projects, they will gain analytical skills essential for contributing to strategic studies, policy formulation, and addressing contemporary national and international security challenges. **(Semester-IX)**
2. Students will gain in-depth knowledge of strategic thought, international relations theories, and non-traditional security challenges. Through practical engagement and research projects, they will develop critical thinking, analytical abilities, and research skills necessary for addressing complex global security issues and contributing to academic, policy, and strategic decision-making environments. **(Semester-X)**

<b>P.G (M.A)</b>	<b>Name of Paper</b>	<b>Credits</b>	<b>No of Lectures</b>
<b>Semester –IX</b>	Fundamental Aspects of Research Methodology	4	60
	Science, Technology and National Security	4	60
	Security and Cooperation in South Asia	4	60
	Practical	4	60
	Research Projects <b>(Progressive )</b>	4	60
	<b>Total</b>	20	300
<b>P.G (M.A)</b>	<b>Name of Paper</b>	<b>Credits</b>	<b>No of Lectures</b>
<b>Semester –X</b>	Evolution of Strategic Thought	4	60
	Non-Traditional Security	4	60
	Theories of International Relations	4	60
	Practical	4	60
	Research Projects <b>(Submitted)</b>	4	60
	<b>Total</b>	20	300



**B.A - I, Semester I, Defence and Strategic Studies**  
**Paper-1: Conceptual Aspects of war**  
**(Theory)**

Programme/Class: Certificate		Year: First	Semester: I
Subject: Defence and Strategic Studies			
Course Code: A120101T		Course Title: Conceptual Aspects of war (Theory)	
<b>Course outcomes:</b> The student at the completion of the course 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.			
Credits: 4		Core Compulsory / Elective	
Max. Marks: 25+75		Min. Passing Marks:33	
Total No. of Lectures-60			
Units	Topic		No of Lectures
I	1. Conceptual Formulation A. Meaning and definition of Defence and Strategic Studies – Its relevance and significance and relationship with other disciplines of study. War - Definition and meaning and basic concepts – Understanding various causes of War. Basic Concepts - War, Campaign, Battle, Strategy, Tactics, Security and Defence. B. Ancient Indian War and Defense Strategies		8
II	2. Principles of War 3. War as an instrument of policy : Past, Present and Future		7
III	4. Modern Warfare A. Concept and Definition B. Features of Modern Warfare: Electronic Warfare, Cyber Warfare, Information Warfare		7
IV	5. Guerilla Warfare A. Origin and Concept. Principles, Techniques and Characteristics of Guerrilla Warfare. B. Counter Guerrilla Measures		8
PART B			
V	6. Psychological Warfare A. Definition and concept. B. Functions and Limitations.		8

<b>VI</b>	7. Economic Warfare A. Concept and definition B. Basic dimensions C. Effects of war on National Economy	6
<b>VII</b>	8. Nuclear warfare A. Beginning of nuclear era and effects of nuclear explosion. B. Nuclear strategies of 'Deterrence' and 'Massive Retaliation'.	8
<b>VIII</b>	9. Chemical and Biological Warfare A. Definition and concept B. Agents, their effect and military use.	8

**Books Recommended:**

1. **Aron, Raymond** (1966). *Peace and War: A Theory of International Relations*. Praeger, New York.
2. **Barringer, Richard E.** (1972). *War: Patterns of Conflict*. MIT Press, Cambridge, Massachusetts.
3. **Blainey, Geoffrey** (1973). *The Causes of War*. Macmillan, London.
4. **Mukherji, S. & Shyam Lal** (1952). *A Textbook of Military Science*, Vol. II. Navayuga Publications, New Delhi.
5. **Osanka, Franklin Mark** (1962). *Modern Guerrilla Warfare: Fighting Communist Guerrilla Movements, 1941–1961*. Free Press of Glencoe, New York.
6. **Sidhu, K.S.** (1988). *War and Its Principles*. Atlantic Publishers, New Delhi.
7. **Tripathi, K.S.** (1970). *Evolution of Nuclear Strategies*. Vikas Publishing House, New Delhi.
8. **Van Evera, Stephen** (1999). *Causes of War: Power and the Roots of Conflict*. Cornell University Press, Ithaca.
9. **Wright, Quincy** (1942). *A Study of War*. University of Chicago Press.
10. सिंह, टंडन, अग्रवाल (2012) युद्ध और शांति का अध्ययन, शारदा पुस्तक भवन, इलाहाबाद
11. पांडे, बाबूराम एवं पांडे, रामसूरत, (2005) युद्ध और शांति के मूल तत्व, प्रकाश बुक डिपो, बरेली

This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is 10+2 with any subject

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** To study this course, a student must have pass 10+2 in any subject. The eligibility for this paper is 10+2 with any subject.

**Suggested online Resources:**

- Coursera
- Swayam

**B.A-I, Semester -I, Defence and Strategic Studies**  
**Paper-2: Basics of Operational Exercises-I**  
**(Practical)**

Programme/Class: Certificate		Year: First	Semester: I
Subject: Defence and Strategic Studies (Practical)			
Course Code: A120102P		Course Title: Basics of Operational Exercises-I	
Credits: 2		Core Compulsory / Elective	
Max. Marks: 25+75		Min. Passing Marks:40	
Total No. of Lectures-Tutorials-Practical-30 (60 hours)			
Unit	Topic		No. of Lectures
I	1. Maps: Definition and Features; Classification and its utility for Military; Enlargement and reduction of Maps.  2. Conventional Signs: Military and Geographical		6
II	3. GRID System: Four Figure and six figure Map References.		8
III	4. North: Types of North and finding out True North; The Pole Star Method; The equal altitude method; Watch method & Compass method.		6
IV	5. Scale: Definition, Methods of representing Scale: Inter- conversion of scale into Representative Fraction, construction of simple scale line and the comparative scale lines.		10
This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is 10+2 with any subject			
<b>Suggested Continuous Evaluation Methods:</b> Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance			
<b>Course prerequisites:</b> To study this course, a student must have pass 10+2 in any subject. The eligibility for this paper is 10+2 with any subject.			
<b>Suggested online Resources:</b> <ul style="list-style-type: none"><li>• Coursera</li><li>• Swayam</li></ul>			

**Practical Marking Scheme**

<b>MCQ/SL</b>	<b>-</b>	<b>10</b>	<b>Written</b>	<b>-</b>	<b>40</b>
<b>Viva Voce</b>	<b>-</b>	<b>05</b>	<b>Viva Voce</b>	<b>-</b>	<b>20</b>
<b>Record</b>	<b>-</b>	<b>10</b>	<b>Record</b>	<b>-</b>	<b>15</b>
<b>Total</b>	<b>-</b>	<b>25</b>	<b>Total</b>	<b>-</b>	<b>75</b>

**B.A-I, Semester II, Defence and Strategic Studies****Paper-1: Military History of India  
(Theory)**

Programme/Class: Certificate	Year: First	Semester: II
Subject: Defence and Strategic Studies		
Course Code: A120201T	Course Title: Military History of India ( Theory)	
<b>Course outcomes:</b> After undergoing this course a student will be in a position to – 1. Become familiar in evolution of art of warfare in India. 2. Learn and understand the Strategy, tactics, application of principles of war and causes of defeat and victory of various Indian, Mughal, Maratha and Sikh Generals. 3. Besides, in a position to appreciate and understand evolutionary changes in the art and science of war in India through ages.		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
Units	Topic	No of Lectures
I	1. <u>Military System in Vedic and Epic Age.</u> 2. Macedonian and Indian art of war with particular reference to the battle of Hydaspes (326 B.C.)	8
II	3. <u>Kautilya’s Philosophy of War : State Craft, Military Organisation, Weapon, Intelligence System and the Art of War</u> 4. Evolution of Indian Navy During Chola Dynasty	7
III	5. Turk and Rajput Military System with particular reference to the Battle of Tarrian(1192 AD) 6. Millitary Organisation and Pattern of Warfare during the Sultanate period with particular reference to Ala-uddin Khilji	7
IV	7. The Mughal Military System with particular reference to the First Battle of Panipat (1526 AD) 8. 8. The Rajput Military Organisation, Weapon system and art of fighting with particular reference to the battle of Kanwah (1527 AD)	8

	PART B	
V	9. The Maratha Military System with special reference to the third battle of Panipat (1761 AD)	8
VI	10. Sikh Military System with special reference to the battle of Sobraon (10 Feb. 1846AD)	6
VII	11. Military System of East India Company , Evolution of Indian Armed forces from 1858 to 1947 A.D. , Growth of Indian Navy and Air Force	8
VIII	12. India's Wars post independence (In Brief) A. The First India-Pakistan War (1947- 1948) B. India-China War of 1962 C. The India Pakistan War of 1965 D. Liberation of Bangladesh of 1971 E. The Kargil Conflict of 1999	8

#### Books Recommended:

1. **Alfred, David** (1953). *Indian Art of War*. Atma Ram, Delhi.
2. **Bajwa, F.S.** (1964). *Military System of the Sikhs*. Motilal Banarsidass, Delhi.
3. **Das, S.T.** (1969). *Indian Military: Its History and Development*. Sagar Publications, New Delhi.
4. **Dikshitar, Ramesh Chandra Venkatarama** (1999). *War in Ancient India*. Cosmo Publications, New Delhi.
5. **Fuller, J.F.C.** (1958). *The Generalship of Alexander the Great*. Natraj Publishers, Dehradun.
6. **Kangle, R.P.** (1963). *Kautilya's Arthashastra*. University of Bombay, Mumbai.
7. **Majumdar, B.K.** (1960). *Military System in Ancient India*. Firma K.L. Mukhopadhyay, Calcutta.
8. **Majumdar, B.N.** (1963). *Study of Indian Military History*. Army Educational Store, Delhi.
9. **Roy, Kaushik** (Ed.) (2011). *The Indian Army in the Two World Wars*. Brill, Leiden.
10. डेविड, मेजर अल्फ्रेड ,(1972 ) भारतीय युद्ध कला , अनुवाद एस. डी.चोपड़ा , मध्य प्रदेश हिंदी ग्रंथ अकादमी, भोपाल
11. शर्मा , डॉ. योगेंद्र कुमार एवं निगम, रामलाल, (1998-99), सैन्य विज्ञान भाग 1 एवं 2, अलका प्रकाशन, कानपुर
12. सिंह, टंडन, अग्रवाल, (2012), भारतीय युद्ध कला, शारदा पुस्तक भवन, इलाहाबाद
13. सिंह, टंडन, अग्रवाल , (2009), स्वतंत्र भारत की युद्ध कला (कश्मीर से कारगिल तक), शारदा पुस्तक भवन, इलाहाबाद
14. पांडे, आर.एस., (2019), स्वतंत्र भारत की युद्ध कला, आकृति प्रकाशन, दिल्ली

This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem-I passed with any subject.

#### Suggested Continuous Evaluation Methods:

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem-I passed with any subject.

#### Suggested online Resources:

- Coursera
- Swayam

**B.A -I, Semester II, Defence and Strategic Studies**  
**Paper-2: Basics of Operational Exercises-II**  
**(Practical)**

Programme/Class: Certificate	Year: First	Semester: II
<b>Subject: Defence and Strategic Studies (Practical)</b>		
Course Code: A120202P	Course Title: Basics of Operational Exercises-II	
<b>Course outcomes:</b> After undergoing this course a student will be in a position to – 1. Understand and perform accurate interconversion of different types of bearings for effective navigation. 2. Demonstrate the use of the Liquid Prismatic Compass (LPC) for determining magnetic north and setting maps. 3. Apply resection and intersection methods using a compass to determine one's own and enemy positions on a map.		
Credits: 2	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:40	
Total No. of Lectures-Tutorials-Practical-30 (60 hours)		
<b>Unit</b>	<b>Topic</b>	<b>No. of Lectures</b>
<b>I</b>	1. Bearing: Definition, Inter conversion of Bearing in detail.	6
<b>II</b>	2. Liquid Prismatic Compass (LPC): Features and functions of its various parts: Attempt following exercise on the LPC: To determine magnetic north; Setting of the Map.	8
<b>III</b>	3. To find out the bearing of a point from other point situated on the ground.	6
<b>IV</b>	4. To determine one's and enemy's position on the map by resection and intersection methods with the help of compass.	10
This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- I passed with any subject.		
<b>Suggested Continuous Evaluation Methods:</b> Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Viva Voce, Attendance		
<b>Course prerequisites:</b> This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- I passed with any subject.		
<b>Suggested online Resources:</b> • Coursera • Swayam		

**Practical Marking Scheme**

MCQ/SL	-	10	Written	-	40
Viva Voce	-	05	Viva Voce	-	20
Record	-	10	Record	-	15
Total	-	25	Total	-	75

**B.A - II, Semester - III, Defence and Strategic Studies****Paper-1: National Security-Conceptual Aspects****(Theory)**

Programme/Class: Diploma	Year: Second	Semester: III
<b>Subject: Defence and Strategic Studies</b>		
Course Code: A120301T	Course Title: National Security-Conceptual Aspects ( Theory)	
<b>Course outcomes:</b> After undergoing this course a student will be in a position to – 1. Understand the foundational concepts of Nation, State, National Security, and Defence, and analyze the formulation of national and international security and defence policies. 2. Evaluate various military and non-military threats to national security, and assess strategic concepts like deterrence, disarmament, and the role of national power and diplomacy. 3. Examine India’s defence planning, military capabilities, arms proliferation issues, and the significance of science and technology in addressing contemporary national security challenges.		
Credits: 4	Core Compulsory / Elective	

Max. Marks: 25+75		Min. Passing Marks:33
Total No. of Lectures-60		
Units	Topic	No of Lectures
I	1. Introduction A. Concepts of Nation, State and Nation – State, Security and Defence B. Origin, Concept, and objectives of National Security.	8
II	2. National Security Analysis Concept, Components and formulation of Security and Defence Policies and their linkages	7
III	3. National and International Security related Concepts A. National Power and its elements, National Interest, Foreign Policy and Diplomacy. B. Balance of Power, Collective Security and Collective Defence, Non-Alignment, Deterrence, Disarmament and arms control	7
IV	4. Challenges and Threats to National Security A. Military Threats/Challenges :Internal and External B. Non-Military Threats/Challenges: Internal and External	8
PART B		
V	5. Concept of Defence: Threat Perception, Defence Planning and Reforms, Military ,Nuclear and Missile Capabilities of India, China and Pakistan	8

<b>VI</b>	6. Proliferation of weapons of Mass Destruction(WMD)and NPT, CTBT, MTCR, NMD and FMCT	6
<b>VII</b>	7. Armaments: Arms Race, Arms Aid, Arms Trade and Small Arms Proliferation	8
<b>VIII</b>	8. Measures to address the challenges of National Security : A. One-sided initiative B. Collaborative approach  9. Relevance of Science & Technology in National Security	8

#### **Books Recommended:**

1. **Buzan, Barry** (1987). *People, States and Fear: The National Security Problem in International Relations*. Trans Asia Publications, New Delhi.
2. **Das, S.T.** (1987). *National Security in Perspective*. Gian Publishing House, Delhi.
3. **Frankel, Joseph** (1970). *National Interest*. Macmillan, London.
4. **International Institute for Strategic Studies (IISS)**. *The Military Balance*. Latest Edition.
5. **Morgenthau, Hans J.** (1969). *Politics Among Nations: The Struggle for Power and Peace*. Scientific Book Agency, Calcutta.
6. **Palmer, Norman D., and Perkins, Howard C.** (1968). *International Relations: The World Community in Transition*. Scientific Book Agency, Calcutta.
7. **Chowdhury, Subrata Roy** (1966). *Military Alliances and Neutrality in War and Peace*. Orient Longman, New Delhi.
8. **Singh, Nagendra** (1974). *The Defence Mechanism and the Modern State*. Asia Publishing House, New Delhi.
9. **Stockholm International Peace Research Institute (SIPRI)**. *SIPRI Yearbook: Armaments, Disarmament and International Security*. Latest Edition.
10. पांडे, डॉ.रामसूरत.,(2014) राष्ट्रीय सुरक्षा एवं अंतरराष्ट्रीय संबंध, प्रकाश बुक डिपो, बरेली
11. सिंह, लल्लन जी, (2003) राष्ट्रीय रक्षा और सुरक्षा, प्रकाश बुक डिपो, बरेली
12. श्रीवास्तव ,जे. एम. एवं सिन्हा, हर्ष कुमार (2017), राष्ट्रीय सुरक्षा, ए. एस. आर. पब्लिकेशन, लखनऊ
13. सिंह, अशोक कुमार, (2018), राष्ट्रीय सुरक्षा, प्रकाश बुक डिपो, बरेली
14. कुमार ,महेन्द्र , (2005) अंतरराष्ट्रीय राजनीति के सैद्धांतिक पक्ष, शिवलाल अग्रवाल एंड कंपनी, आगरा

This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- II passed with any subject.

#### **Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- II passed with any subject.

#### **Suggested online Resources:**

- Coursera
- Swayam



**B.A - II, Semester III, Defence and Strategic Studies**  
**Paper-2: Basics of Operational Exercises-III**  
**(Practical)**

Programme/Class: Diploma	Year: Second	Semester: III
Subject: Defence and Strategic Studies (Practical)		
Course Code: A120302P	Course Title: Basics of Operational Exercises-III	
<b>Course Outcome:</b> After undergoing this course a student will be in a position to – 1. Identify and interpret various relief features and types of slopes through their representation on topographic maps. 2. Calculate gradients accurately and understand their implications for terrain analysis. 3. Determine intervisibility between points on a slope, considering both rising and falling terrain conditions.		
Credits: 2	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:40	
Total No. of Lectures-Tutorials-Practical-30 (60 hours)		
Unit	Topic	No. of Lectures
I	1. Relief Features and their representation on the map.	6
II	2. Types of slopes and their representation on the map	8
III	3. Gradient – Determination of gradients.	6
IV	4. Inter visibility – Determination of inter visibility in case of rise or fall of slope.	10
This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- II passed with any subject.		
<b>Suggested Continuous Evaluation Methods:</b> Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Viva Voce, Attendance		
<b>Course prerequisites:</b> This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- II passed with any subject.		
<b>Suggested online Resources:</b> <ul style="list-style-type: none"><li>• Coursera</li><li>• Swayam</li></ul>		

**Practical Marking Scheme**

MCQ/SL	-	10	Written	-	40
Viva Voce	-	05	Viva Voce	-	20
Record	-	10	Record-		15
Total	-	25	Total	-	75

**B.A -II, Semester-IV, Defence and Strategic Studies,  
Paper-1: Strategic Thought  
(Theory)**

Programme/Class: Diploma	Year: Second	Semester: IV
Subject: Defence and Strategic Studies		
Course Code: A120401T	Course Title: Strategic Thought ( Theory)	
<b>Course outcomes:</b> After undergoing this course a student will be in a position to – 1. Analyze classical and modern theories of war and strategy from key thinkers such as Kautilya, Sun Tzu, Clausewitz, and Mao. 2. Evaluate the evolution of warfare through mechanized, naval, air, and nuclear perspectives as presented by Fuller, Hart, Mahan, Douhet, Mitchell, and others. 3. Assess the philosophical contributions of Mahatma Gandhi and Jawaharlal Nehru on peace, security, and development in contrast to traditional military doctrines.		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
Units	Topic	No of Lectures
I	1. Kautilaya’s Philosophy of war.	10
II	2. Sun Tzu- The Art of war.	5
III	3. Clausewitz’s theories on war and politics.	6
IV	4. Mao-Tse-Tung’s views on Guerrilla warfare.	8
	PART B	
V	5. J.F.C. Fuller and Liddell Hart: Their views on Mechanized warfare	8
VI	6. Mahan’s Views on Sea Power and Naval Warfare.	5
VII	7. Douhet and Mitchell: Their views on the Role of Air Power in Modern Warfare.	8
VIII	8. Y.Harkabi, John Foster Dulles and Andre Beaufre - Theories of Nuclear War and Deterrence.	10
	9. Thoughts of Mahatama Gandi and Nehru on Peace, Security and Development.	

**Books Recommended:**

1. **Earle, Edward Mead** (1943). *Makers of Modern Strategy: Military Thought from Machiavelli to Hitler*. Princeton University Press, Princeton.
2. **Fuller, J.F.C.** (1998). *Armament and History: A Study of the Influence of Armament on History from the Dawn of Classical Warfare to the Second World War*. Da Capo Press.
3. **Fuller, J.F.C.** (1992). *The Conduct of War 1789–1961: A Study of the Impact of the French, Industrial, and Russian Revolutions on War and Its Conduct*. Da Capo Press.
4. **Shama Shastri, R.** (2012). *Kautilya's Arthashastra*. Low Price Publications, New Delhi.
5. **Sun Tzu** (2015). *The Art of War*. Grapevine India.
6. **Duffy, Christopher** (1987). *Siege Warfare: The Fortress in the Early Modern World 1494–1660*. Routledge Kegan Paul.
7. **Ropp, Theodore** (2000). *War in the Modern World*. Johns Hopkins University Press.
8. **Beaufre, André** (1965). *Deterrence and Strategy*. Faber & Faber, London.
9. **Mao Tse-Tung** (1967). *On Protracted War: Selected Works*. Foreign Languages Press, Peking.
10. **Nasution, Abdul Haris** (1965). *Fundamentals of Guerrilla Warfare*. Frederick A. Praeger.
11. **Reid, Brian Holden** (1987). *J.F.C. Fuller: Military Thinker*. Palgrave Macmillan.
12. **Greene, T.N. (Ed.)** (1962). *The Guerrilla—and How to Fight Him: Selections from the Marine Corps Gazette*. Frederick A. Praeger.
13. जोहरी, आर. सी. (1977), पश्चात्य सैन्य विचारक, चंद्र प्रकाश एंड ब्रदर्स, हापुड़
14. पांडे, बाबूराम एवं पांडे, रामसूरत, (2005), स्त्रातेजिक विचारक, प्रकाश बुक डिपो, बरेली
15. सिंह, लल्लन जी, (1997- 98), आधुनिक सैन्य चिंतक ( विचारक), प्रकाश बुक डिपो, बरेली
16. अधिकारी, शेखर, (2001), आधुनिक स्त्रातेजिक चिंतन, एस.पी.जे. पब्लिकेशंस, इलाहाबाद
17. चेगुएवारा आर्गेंस्तो., (2008) छापामार युद्ध, अनुवाद नरेश 'नदीम', प्रशासन संस्थान, नई दिल्ली
18. सुंतजु, (2010) युद्ध की कला, अनुवाद डॉ. आलोक कुमार, मांफ्ले प्रेस, नोएडा

This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- III passed with any subject.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- III passed with any subject.

**Suggested online Resources:**

- Coursera
- Swayam

**B.A- II, Semester IV, Defence and Strategic Studies**  
**Paper-2: Basics of TEWTs/Sand Model Exercises, Sketching, Discussion**  
**(Practical)**

Programme/Class: Diploma	Year: Second	Semester: IV
<b>Subject: Defence and Strategic Studies (Practical)</b>		
Course Code: A120402P	Course Title: Basics of TEWTs/Sand Model Exercises, Sketching, Discussion	
<b>Course outcomes:</b> After undergoing this course a student will be in a position to – 1. Understand the organization, weapons, and tactical formations of an infantry battalion along with basic fieldcraft skills such as ground study, distance judgment, and section formation. 2. Analyze key Indian and Western military operations and battles through sketching, sand model exercises, and military appreciation of situations. 3. Apply practical military skills including patrolling, message writing, fire control orders, and platoon formations in simulated operational scenarios.		
Credits: 2	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:40	
Total No. of Lectures-Tutorials-Practical-30 (60 hours)		
<b>Unit</b>	<b>Topic</b>	<b>No. of Lectures</b>
<b>I</b>	<b>1. Infantry Battalion</b> A. Organization B. Weapons	8
<b>II</b>	<b>2. Elementary knowledge of Field Craft-</b> A. Study and description of ground B. Judging distance C. Formation (Section and Platoon) <b>Or</b> <b>Sand Model Exercises</b> A. Battle of Haji Peer Pass 1965 B. Operation Jackpot, 1971 C. Operation Meghdoot 1984	7
<b>III</b>	<b>3. Elementary knowledge of-</b> A. Petroling and Fire Control order B. Massege writing, <b>Or</b> <b>Sketching of the Charts of Indian Battles</b> A. Battle of Thagla Ridge, 1962. B. Kargil Conflict, 1999	5

<b>IV</b>	<b>4. Military Appreciation of the situation</b> or <b>Sketching of the Charts of Western Battles</b> A. Battle of Trafalgar, 1805. B. Battle of Somme, 1916.	10
This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- III passed with any subject.		
<b>Suggested Continuous Evaluation Methods:</b> Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Viva Voce, Attendance		
<b>Course prerequisites:</b> This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- III passed with any subject.		
<b>Suggested online Resources:</b> <ul style="list-style-type: none"> <li>• Coursera</li> <li>• Swayam</li> </ul>		

#### **Practical Marking Scheme**

<b>MCQ/SL</b>	<b>-</b>	<b>10</b>	<b>Written</b>	<b>-</b>	<b>40</b>
<b>Viva Voce</b>	<b>-</b>	<b>05</b>	<b>Viva Voce</b>	<b>-</b>	<b>20</b>
<b>Record</b>	<b>-</b>	<b>10</b>	<b>Record-</b>		<b>15</b>
<b>Total</b>	<b>-</b>	<b>25</b>	<b>Total</b>	<b>-</b>	<b>75</b>

**B.A- II, Semester IV, Defence and Strategic Studies**  
**Paper-3: Research project**  
**(Research Project)**

Programme/Class: Diploma	Year: Second	Semester: IV
Subject: Defence and Strategic Studies,		
Course Code: A120403R	Course Title: Research project	
<b>Course outcomes:</b> After undergoing this course a student will be in a position to:		
1. Identify and select a relevant research topic in non-traditional security, cyber security, or a locally significant issue, and formulate a structured research proposal.		
2. Apply appropriate research methodology, including collection and analysis of primary and secondary data, to investigate the selected topic.		
3. Draft and develop a comprehensive research report with proper academic structure, including introduction, literature review, objectives, hypothesis, methodology, analysis, conclusion, and bibliography.		
Credits: 3	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:40	
Total No. of Lectures- 45		
Unit	Topics	No. of Lectures
I	The Candidate has to select and give inputs in any one of the following. It may include.....  1. Non-Traditional Security Issues of India 2. Cyber Security and information Warfare  Or Any other research area (Local/regional importance)	10
II	Topic Selection and Proposal Preparation	11
III	Research Methodology and Data Collection:  • Primary Data • Secondary Data	12
IV	Drafting and Writing:  • Structure: Introduction, Literature Review, Objective, Hypothesis, Methodology, Analysis, Conclusion, Bibliography. • A detailed Report to be prepared and submitted.	12
This course can be opted as an elective by the students of following subjects: Open for all. The		

eligibility for this paper is UG Sem- III passed with any subject.
<b>Suggested Continuous Evaluation Methods:</b> Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Viva Voce, Attendance
<b>Course prerequisites:</b> This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- III passed with any subject.
<b>Suggested online Resources:</b> <ul style="list-style-type: none"> <li>• Coursera</li> <li>• Swayam</li> </ul>

#### **Practical Marking Scheme**

<b>MCQ/SL</b>	<b>-</b>	<b>10</b>	<b>D P R</b>	<b>-</b>	<b>75</b>
<b>Viva Voce</b>	<b>-</b>	<b>05</b>			
<b>Record</b>	<b>-</b>	<b>10</b>			
<b>Total</b>	<b>-</b>	<b>25</b>	<b>Total</b>	<b>-</b>	<b>75</b>

**B.A -III, Semester-V, Defence and Strategic Studies****Paper-1: Indian Defence Mechanism****(Theory)**

Programme/Class: 3 Year UG Degree	Year: Third	Semester: V
Subject: Defence and Strategic Studies		
Course Code: A120501T	Course Title: Indian Defence Mechanism ( Theory)	
<b>Course outcomes:</b> After undergoing this course a student will be in a position to: 1. Demonstrate a clear understanding of the structure, organization, and functions of the Indian Defence Forces—including the Army, Air Force, and Navy—as well as paramilitary forces and higher defence organizations. 2. Analyze the recruitment methods, rank structures, training institutions, and operational formations across the three services, along with the roles of key defence officials and offices. 3. Evaluate the role of armed forces in civil-military cooperation during internal emergencies and explore India’s international defence diplomacy, partnerships, and capacity-building initiatives.		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
Units	Topic	No of Lectures
I	1. Introduction and Differences between Army , Military and Defence Forces  2. Second line Defence (introduction to Paramilitary Forces in brief)	8
II	3. The Indian Defence Forces A. Rank Structure of the Three Services. B. Recruitment methods for Defence Services. C. Important training Institution of the Three Services.	7
III	4. Higher Defence Organizations of India A. Power of the President of India in relation of Defence. B. Role and function of Ministry of Defence. C. Composition and function of Defence Committees/NSC. D. Chief of Staff and joint service Organization.	8
IV	5. Army Organization  A. Organization of army Headquarters (Role of COAS and PSOs). B. Static and Field formation of Indian Army. C. Arms and Services.	7



	<b>PART B</b>	
V	<b>6. Air Force Organization</b> A. Organization of Air Force Headquarters (Role of CAS and PSOs). B. Static and Field formation of Indian Air Force.	7
VI	<b>7. Navy Organization</b> A. Organization of Naval Headquarters (Role of CNS & PSOs). B. Static and Field formation of Indian Navy.	7
VII	<b>8. Cooperation Between Armed Forces and Civil Authorities</b> A. Maintenance of Law and Order B. Flood Relief Operation C. Rescue and Relief Operation	8
VIII	<b>9. Indian's Defence Cooperation with Foreign Countries</b> A. Defence Diplomacy. B. Cooperation on Capacity Building and Training C. Defence Partnerships with Major Powers	8

**Books Recommended:**

1. **Venkateswaran, A.L.** (1967). *Defence Organisation in India*. Government of India, New Delhi.
2. **Government of India** (1924). *The Army of India and Its Evolution*. Government Press, Calcutta.
3. **Ministry of Defence, Government of India**. *Indian Armed Forces Year Book* (Annual Publication).  
**Palit, D.K.** (1989). *Essentials of Military Knowledge*. New Delhi. (Note: You may want to separate these two entries if they are distinct publications.)
4. **Singh, Nagendra** (1967). *Defence Mechanism of the Modern State*. Asia Publishing House, New Delhi. (Added publisher for completeness, based on previous entries.)
5. शर्मा, डॉ. योगेंद्र कुमार एवं निगम, रामलाल, (1998 - 99), सैन्य विज्ञान भाग 2, अलका प्रकाशन, कानपुर
6. वार्षिक रिपोर्ट : रक्षा एवं विदेश मंत्रालय, भारत सरकार
7. कारडोजो, मेजर जनरल इयान, ( 2016) भारतीय सेना का गौरवशाली इतिहास, अनुवाद विनोद कुमार मिश्र, प्रभात प्रकाशन, दिल्ली

This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- IV passed with any subject.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- IV passed with any subject.

**Suggested online Resources:**

- Coursera
- Swayam

**B.A-III, Semester V, Defence and Strategic Studies****Paper-2: National Security of India  
(Theory)**

Programme/Class: 3 Year UG Degree	Year: Third	Semester: V
Subject: Defence and Strategic Studies		
Course Code: A120502T	Course Title: National Security of India ( Theory)	
<b>Course outcomes:</b> After undergoing this course a student will be in a position to – 1. Understand India’s geo-strategic significance, border characteristics, and the concept of national security including internal and external threat perceptions. 2. Analyze India’s security challenges since independence, including the impact of partition, foreign policy objectives, and threats from neighboring countries and regional dynamics. 3. Evaluate India’s internal security issues, role of defence research organizations, structure and function of the National Security Council, and the management of future national security challenges.		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
Units	Topic	No. of Lectures
I	1. India's Geo-Strategic Location and significance. A.India’s Borders- Nature and characteristics of land borders. B.Indian ocean territory and its strategic significance	8
II	2. Indian Concept of National Security A. Meaning and Definition B. Threat Perceptions C. Types of threats to India	7
III	3. India’s Security Problems since independence. A. Geo-political effects of partition. B. Effects on Armed Forces	8
IV	4. Determinants of Indian Foreign Policy - Basic Determinants: Objectives of Indian foreign policy; global and regional perspective.	7
	PART B	
V	5. External Dimensions of India’s security A. Security problems related to Pakistan including Indo-Pak wars. B. Security problems related to China including 1962 Sino-India war. C. Regional Security challenges. D. India's Maritime Security Challenges	7

<b>VI</b>	6. Internal dimension of India's security  A. Terrorism in Jammu & Kashmir B. Insurgency in North eastern states C. Naxalism	7
<b>VII</b>	7. Premier Defence Research Organisations in India: DRDO, ISRO, BARC,	8
<b>VIII</b>	8. National Security Council: Structure and Role 9. National Security Management and Future Challenges	8

**Books Recommended:**

1. **Bajpai, U.S.** (1986). *India and Its Neighbourhood*. Lancer International, New Delhi.
2. **Baranwal, S.P.** (1984). *Measures of Civil Defence in India*. Guide Publications, New Delhi.
3. **Bobbing, Ross and Gordon, Sandy** (1992). *India's Strategic Future*. Oxford University Press, Delhi.
4. **Chatterjee, R.K.** (1978). *India's Land Borders: Problems and Challenges*. Sterling Publishers, New Delhi.
5. **Chaudhury, Rahul Roy** (1995). *Sea Power and India's Security*. Brassey's, London.
6. **Kavic, Lorne J.** (1967). *India's Quest for Security: Defence Policies 1947-1965*. University of California Press, Los Angeles.
7. **Nayar, V.K.** (1992). *Threats from Within*. Lancer Publications, New Delhi.
8. **Rao, Ramakrishna and Sharma, R.C.** (1991). *India's Borders*. Scholars' Publishing Forum, New Delhi.
9. **Singh, Jaswant** (1999). *Defending India*. Macmillan India Ltd., Bangalore.
10. दत्त, बी.पी., (2007) स्वतंत्र भारत की विदेश नीति, अनुवाद नरेंद्र तोमर, नेशनल बुक ट्रस्ट इंडिया
11. कुमार, अशोक, (2015 ) भारत की आंतरिक सुरक्षा: मुख्य चुनौतियां, माइग्रा हिल एजुकेशन (भारत) प्राइवेट लिमिटेड, नई दिल्ली
12. शरण, हरी एवं सिन्हा, हर्ष कुमार, (2012) हिंद महासागर: चुनौतियां एवं विकल्प, प्रत्यूष पब्लिकेशन, दिल्ली
13. मलिक, जनरल पी. वी., (2014) भारतीय सैन्य शक्ति, प्रभात प्रकाशन, दिल्ली
14. माधव, राम, (2015) असहज पड़ोसी (युद्ध के 50 वर्षों बाद भारत और चीन), प्रभात पेपर बैक्स, नई दिल्ली
15. पांडे आर.एस., (2017) चीन केंद्रित भारत की सुरक्षा चिंताएं, आकृति प्रकाशन, दिल्ली

This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- IV passed with any subject.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- IV passed with any subject.

**Suggested online Resources:**

- Coursera
- Swayam

**B.A -III, Semester-V, Defence and Strategic Studies**  
**Paper-3: Military use of Electromagnetic Spectrum, Press Clipping, Tour**  
**(Practical)**

Programme/Class: 3 Year UG Degree	Year: Third	Semester: V
Subject: Defence and Strategic Studies (Practical)		
Course Code: A120503P	Course Title: Military use of Electromagnetic Spectrum, Press Clipping, Tour	
<b>Course outcomes:</b> After undergoing this course a student will be in a position to – 1. Explain the working principles and strategic importance of thermal imaging, sensors, and radar technologies in modern defence systems. 2. Identify and map strategic locations in India and the world, demonstrating their geopolitical and security significance. 3. Enhance awareness of current defence issues and practical understanding through press clipping analysis and experiential learning via educational tours and report writing.		
Credits: 2	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:40	
Total No. of Lectures-Tutorials-Practical-30 (60 hours)		
Unit	Topic	No. of Lectures
I	1. Thermal Imaging and Sensors 2. Radars and its significance Or Sand Model Exercise on Rescue Operation	10
II	3. Mapping of Strategic Locations A. India B. World	8
III	4. Strategic/Defence Journalism ( News Paper Clippings on allotted current topics with a brief assignment)	6
IV	5. Educational Tour and its report. Or Presentations on any current defence topic	6
This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- IV passed with any subject.		
<b>Suggested Continuous Evaluation Methods:</b> Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance		
<b>Course prerequisites:</b> This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- IV passed with any subject.		
<b>Suggested online Resources:</b> • Coursera • Swayam		

**Practical Marking Scheme**

MCQ/SL	-	10	Written	-	20
Viva Voce	-	05	Mapping	-	15
Record	-	10	Paper Clipping	-	15
			E T Report	-	25
<b>Total</b>	<b>-</b>	<b>25</b>	<b>Total</b>	<b>-</b>	<b>75</b>

**B.A-III, Semester-VI, Defence and Strategic Studies**  
**Paper-1: Science and Technology in Relation to Warfare**  
**(Theory)**

Programme/Class: 3 Year UG Degree	Year: Third	Semester: VI
Subject: Defence and Strategic Studies		
Course Code: A120601T	Course Title: Science and Technology in Relation to Warfare ( Theory)	
<b>Course outcomes:</b> After undergoing this course a student will be in a position to – 1. Understand the role of science and technology in shaping national security, warfare, and their broader societal impacts. 2. Analyze key advancements in armament technology, electronic warfare, ballistic missile defence, and space-based systems within the context of modern military applications. 3. Evaluate the significance of technology transfer, defence R&D, multinational cooperation, and the evolution of military strategy through the Revolution in Military Affairs (RMA).		
Credits: 4		Core Compulsory / Elective
Max. Marks: 25+75		Min. Passing Marks:33
Total No. of Lectures-60		
Units	Topic	No. of Lectures
I	3. Science, Technology and National Security.	7
II	4. Impact of Science and Technology on Society and warfare.	7
III	5. Transfer of Technology: A. International interdependence B. Role of Multinational Corporations.	8
IV	4. Armament technology (in brief): A. Armoured vehicles: Tanks and APC`s B. Aircrafts, UAV's and Missile C. Submarine and Aircraft carrier D. Space Technology	10
	PART B	
V	5. Electronic Warfare: Concept and applications	7
VI	6. Ballistic Missile Defence (BMD): Concept and applications.	5
VII	7. Revolution in Military Affairs (RMA)	8
VIII	8. Defence R&D and Defence Production in India	8

**Books Recommended:**

1. **Arcangelis, Mario de** (1990). *Electronics Warfare*. Ratna Publications, New Delhi.
2. **Rehman, A.** (1972). *Science, Technology and Society*. People's Publishing House, New Delhi.
3. **Anand, A.** (2003). *Information Technology: The Future Warfare Weapons*. Ocean Books, New Delhi.
4. **Baranson, Jack** (1978). *Technology and the Multinationals*. Lexington Books, Lexington.
5. **Erickson, Johan** (Ed.) (1966). *The Military Technical Revolution: Its Impact on Strategic and Foreign Policy*. Frederick A. Praeger, New York.
6. **Macksey, Kenneth** (1986). *Technology in War: The Impact of Science on Weapon Development and Modern Battle*. Prentice Hall, New York.
7. **Mann, T.S.** (1982). *Transfer and Technology*. Himalaya Publishing House, Bombay.
8. **Jasbir, R.K.** (1987). *Handbook of Military Science and Armament Technology*. Natraj Publications, Dehradun.
9. **Singer, H.W.** (1988). *Technology Transfer by Multinationals*, Vols. I & II. Ashish Publishing House, New Delhi.
10. **Tiwari, V.M. and Rajnikant** (1996). *The High-Tech War of the Twentieth Century*. Vikas Publishing House, New Delhi.
11. कलाम, डॉ.ए.पी.जे. अब्दुल एवं राजन, वाई.एस., (2015) भारत 2020 और उसके बाद, प्रभात प्रकाशन, नई दिल्ली
12. बाला, मनमोहन , (2000) रक्षा विज्ञान आयुध तथा टेक्नोलॉजी, प्रभात प्रकाशन, नई दिल्ली
13. बाला, मनमोहन, (2005) युद्ध और सूचना प्रौद्योगिकी, विकास दीप प्राइवेट लिमिटेड, नई दिल्ली
14. शंकर,काली, उपग्रह संचार प्रणाली के बढ़ते कदम, बी.पी.बी.पब्लिकेशन, नई दिल्ली

This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- V passed with any subject.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- V passed with any subject.

**Suggested online Resources:**

- Coursera
- Swayam

**B.A-III, Semester-VI, Defence and Strategic Studies****Paper-2: Military Psychology****(Theory)**

Programme/Class: 3 Year UG Degree	Year: Third	Semester: VI
<b>Subject: Defence and Strategic Studies</b>		
Course Code: A120602T	Course Title: <b>Military Psychology</b> ( Theory)	
<b>Course outcomes:</b> After undergoing this course a student will be in a position to – 1. Understand the principles of military psychology, including leadership, discipline, motivation, and morale, and their application during war and peace. 2. Analyze psychological tools and phenomena such as propaganda, fear, panic, and emotional adjustment in military contexts. 3. Evaluate strategies of man management and training to enhance mental resilience and operational effectiveness in the armed forces.		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
<b>Units</b>	<b>Topic</b>	<b>No. of Lectures</b>
<b>I</b>	1. Military Psychology: Definition, Scope, Significance and its role during war and peace.	8
<b>II</b>	2. Psychological Weapons of War: Propaganda, rumor and indoctrination.	7
<b>III</b>	3. Fear and Panic in War: Causes, Consequences and Management.	8
<b>IV</b>	4. Military Leadership: Meaning, attributes, importance and role of training.	7
	<b>PART B</b>	
<b>V</b>	5. Discipline: Definition, purpose and tools of maintaining discipline	7
<b>VI</b>	6. Motivation and Morale factors and their utilization in the armed forces.	7
<b>VII</b>	7. Man Management:-Concept, importance and strategy vis-à-vis armed forces.	8
<b>VIII</b>	8. Emotional problems and adjustment during war and peace.	8

**Books Recommended:**

1. **Bartlett, F.C.** (1927). *Psychology and the Soldier*. Cambridge University Press, Cambridge.
2. **Baynes, John** (1967). *Morale: A Study of Men and Courage*. Cassell, London.
3. **Boring, E.G.** (Ed.) (1945). *Psychology for the Armed Services*. Natraj Publishers, Dehradun.
4. **Chibber, M.L.** (1986). *Military Leadership to Prevent Military Coup*. Lancer International, New Delhi.
5. **Copeland, Norman** (1967). *Psychology and the Soldier*. English Book Depot, Dehradun.
6. **Hasnain, Qamar** (1967). *Psychology for the Fighting Man*. English Book Depot Publishing Company, Dehradun.
7. **Lienbarger, P.M.A.** (1954). *Psychological Warfare*. Combat Press, Washington, D.C.
8. **Narain, Raj** (1979). *Military Psychology*. National Psychological Co-operation, Agra. (1st Edition)
9. **Maheshwar, Nidhi** (2016). *Military Psychology: Concepts, Trends & Interventions*. Sage Publications India Pvt. Ltd., New Delhi.
10. गुप्ता, परशुराम, (2015) सैन्य मनोविज्ञान, प्रकाश बुक डिपो, बरेली
11. तिवारी, डॉ. निरंकार प्रसाद, (2015) सैन्य मनोविज्ञान, ए. एस. आर. पब्लिकेशन, लखनऊ
12. सिन्हा, हर्ष कुमार एवं सिंह, विनोद कुमार, सैन्य मनोविज्ञान, प्रत्यूष पब्लिकेशंस, नई दिल्ली

This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- V passed with any subject.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- V passed with any subject.

**Suggested online Resources:**

- Coursera
- Swayam



**B.A- III, Semester-VI, Defence and Strategic Studies**  
**Paper-3: Spotting Strategic Locations, Military Models, and Presentations**  
**(Practical)**

Programme/Class: 3 Year UG Degree	Year: Third	Semester: VI
<b>Subject: Defence and Strategic Studies</b>		
Course Code: A120603P	Course Title: Spotting Strategic Locations, Military Models and Presentations ( <b>Practical</b> )	
<b>Course outcomes:</b> After undergoing this course a student will be in a position to – <div><div>1. Identify and interpret strategic geographical features of India and the world, including defence industries, nuclear nations, and key maritime routes.</div><div>2. Demonstrate spatial awareness and geopolitical understanding through mapping exercises and model-making of major defence assets.</div><div>3. Analyze and present current defence-related issues through structured presentations, enhancing research and communication skills.</div></div>		
Credits: 2	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:40	
Total No. of Lectures-Tutorials-Practical-30 (60 hours)		
<b>Unit</b>	<b>Topic</b>	<b>No. of Lectures</b>
<b>I</b>	1. Strategic Maps of India: India and her neighbours; Indian States and Union Territories with Capitals; Strategic Raw Materials and Defence Industries and Atomic Reactors.	8
<b>II</b>	2. World: World Map in 1945, Countries of NATO, Non-Aligned Countries, Countries of South Asia, South East Asia, Far East and West Asia;	8
<b>III</b>	3. Mapping Nuclear Nations, Indian Ocean Littoral States and World Sea Routes. <div>Or</div> 4. Making of Models – Fighter Plane, Battle Ship, Rader, Submarine, Tank, Missile	8
<b>IV</b>	5. Presentations on current defence topic	6
This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- V passed with any subject.		
<b>Suggested Continuous Evaluation Methods:</b> Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance		
<b>Course prerequisites:</b> This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- V passed with any subject.		
<b>Suggested online Resources:</b> <div><div>• Coursera</div><div>• Swavam</div></div>		

<b><u>Practical Marking Scheme</u></b>					
MCQ/SL	-	10	Written	-	30
			Presentation-		10
Viva Voce	-	05	Viva Voce	-	20
Record	-	10	Record-		15
Total	-	25	Total	-	75

**B.A -IV, Semester-VII, Defence and Strategic Studies**  
**Paper-1: Peace and Conflict Studies**  
**(Theory)**

Programme/Class: 4 Year UG Degree (honours)	Year: Fourth	Semester: VII
Subject: Defence and Strategic Studies		
Course Code: A120701T	Course Title: Peace and Conflict Studies ( Theory)	
<b>Course Outcomes:</b> After completion of this course the student will be able to: 1. Understand the conceptual analysis of peace and conflict with their meaning nature and scope. 2. Understand the concept, theories and approaches to conflict resolution and peace research. 3. Understand regional conflicts and role of United Nations and Confidence Building Measures (CBMs).		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
Units	Topic	No of Lectures
I	1. Peace and Conflict Studies: Meaning, Nature and Scope 2. Conceptual analysis of Conflict and Peace 3. Conflict management in the regional context	15
II	1. Gandhian Approach and its current relevance for Conflict Resolution 2. Causes of war 3. Regional Conflicts and Role of United Nations	15
III	1. Confidence & Security Building Measures (CSBM,s) 2. Peace Building, Peace Making, Peace Keeping 3. Problems of CSBM, s in contemporary world.	15
IV	1. Settlement of Dispute 2. Human Security and peace building 3. Disarmament and arms control.	15
Books Recommended: 1. <b>Boulding, K.E.</b> (1962). <i>Conflict and Defence: A General Theory</i> . New York. 2. <b>Bose, Anima</b> (Ed.) (1919). <i>Peace and Conflict Resolution in World Community</i> . New Delhi. 3. <b>Rao, Bhaskar</b> (1996). <i>Global Perceptions on Peace Education</i> . New Delhi. 4. <b>Ackerman, Peter &amp; Duvall, Jack</b> (2000). <i>A Force More Powerful: A Century of Non-Violent Conflicts</i> . New York. 5. <b>Boutros-Ghali, B.</b> (1992). <i>An Agenda for Peace: Preventive Diplomacy, Peacemaking and Peacekeeping (U.N. Report)</i> . United Nations, New York. 6. <b>Curle, Adam</b> (1927). <i>Another Way: A Mechanistic View of War and Peace</i> . Cambridge. 7. <b>Galtung, Johan</b> (1996). <i>Peace by Peaceful Means: Peace and Conflict, Development and Civilization</i> . Sage Publications, New Delhi. 8. <b>Wright, Quincy</b> (1965). <i>A Study of War</i> . University of Chicago Press, Chicago.		

This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem-VI passed with any subject.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Viva Voce Attendance

**Course prerequisites:** This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem-VI passed with any subject.

**Suggested online Resources:**

- Coursera
- Swayam

**B.A-IV, Semester-VII, Defence and Strategic Studies**  
**Paper-2: Conceptual Aspects of National Security**  
**(Theory)**

Programme/Class: 4 Year UG Degree (honours)	Year: Fourth	Semester: VII
Subject: Defence and Strategic Studies		
Course Code: A120702T	Course Title: Conceptual Aspects of National Security (Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Understand the evolution of the concept of national security with the components, nature, dimensions and objectives of it. 2. Understand India's national security threats and challenges in the present world as well as in coming decades. 3. Understand the current needs of India's defence cooperation, strategic partnership and security dialogue with strategically important countries.		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks: 33	
Total No. of Lectures-60		
Units	Topic	No. of Lectures
I	1. Concept of National Security. 2. Components of National Security. 3. National Security in the age of Globalization: New threats and challenges	15
II	1. Comprehensive Security: Meaning and Scope 2. Non Traditional Security: Meaning and Scope 3. Human Security: Meaning and Scope	15
III	1. Energy Security: Concept and Issues 2. Environmental Security: Concept and Issues 3. Cyber Security: Concept and Issues	15
IV	1. Foreign Policy: Concept, objectives and lineages 2. Defence Policy: Concept, objectives and lineages 3. Defence Cooperation, Strategic partnership and security dialogue: New Trends in 21 <sup>st</sup> Century scenario.	15
<b>Books Recommended:</b> 1. <b>Subrahmanyam, K.</b> (1972). <i>Our National Security</i> . New Delhi: Economic & Scientific Research Foundation. 2. <b>Sinha, S.D.</b> (1993). <i>Security in the New World Order</i> . Delhi: Chanakya Publications. 3. <b>Sen, Gautam</b> (Ed.). (1986). <i>India's Security Considerations in the Nuclear Age</i> . New Delhi: Atlantic Publishers. 4. <b>Sisodia, N.S. &amp; Bhaskar, C. Uday</b> (Eds.). (2005). <i>Emerging India: Security and Foreign Policy Perspectives</i> . New Delhi: Institute for Defence Studies and Analyses & Promilla & Co. 5. <b>Buzan, Barry.</b> (1983). <i>People, States and Fear: The National Security Problem in International Relations</i> . Chapel Hill: University of North Carolina Press. 6. पांडे, डॉ. रामसूरत. (2014). <i>राष्ट्रीय सुरक्षा एवं अंतरराष्ट्रीय संबंध</i> , प्रकाश बुक डिपो, बरेली 7. सिंह, लल्लन जी. (2003). <i>राष्ट्रीय रक्षा और सुरक्षा</i> , प्रकाश बुक डिपो, बरेली		

8. सिंह, अशोक कुमार. (2018). *राष्ट्रीय सुरक्षा*, प्रकाश बुक डिपो, बरेली

This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- VI passed with any subject.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem- VI passed with any subject.

**Suggested online Resources:**

- Coursera
- Swayam

**B.A -IV, Semester-VII, Defence and Strategic Studies**  
**Paper-3: W.M.D, Disarmament and Arms Control**  
**(Theory)**

Programme/Class: 4 Year UG Degree (honours)	Year: Fourth	Semester: VII
Subject: Defence and Strategic Studies		
Course Code: A120703T	Course Title: W.M.D, Disarmament and Arms Control ( Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Understand the basic concepts and facts related to armament, disarmament and arms control. 2. Understand the impact of development and proliferation of the conventional as well as the Weapons of Mass Destruction on regional and global peace and security. 3. Understand social and economic consequences of disarmament and arms control		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
Units	Topic	No of Lectures
I	1. Armament: Meaning, Development and New trends. 2. Basic Concepts, theories and correlation between Disarmament & Arms Control 3. Objectives and nature of Disarmament & Arms Control.	15
II	1. Elements of Arms Control Mechanism: Agreements, Verification, Inspection and Control. 2. Measures of Arms Control and Disarmament. 3. Weapons of Mass Destruction (WMD): Nuclear Weapons, Chemical,Biological and Weather Weapons.	15
III	1. Concept of non-proliferation, non-proliferation treaty, PTBT, CTBT, MTCR,FMCT and other treaties 2. Nuclear policies of Nuclear weapon states (NWS) & Non-Nuclear weapon states (NNWS). 3. Terrorism and Nuclear Proliferation	15
IV	1. Arms Trade treaty (ATT) and its implications for Regional &Global Security. 2. Disarmament and Development 3. Social and Economic consequences of Disarmament & Arms Control.	15

**Books Recommended:**

1. **Benoit, Emile & Boulding, K.E.** (1963). *Disarmament and the Economy*. New York: Harper & Row Publishers.
2. **Faramazyan, R.** (1981). *Disarmament and Economy*. Moscow: Progress Publishers.
3. **International Institute for Strategic Studies (IISS).** *The Military Balance*. London: IISS. (Annual publication)
4. **International Institute for Strategic Studies (IISS).** *Adelphi Papers*. London: IISS. (Various editions)
5. **International Institute for Strategic Studies (IISS).** *Survival*. London: IISS. (Journal)
6. **SIPRI.** *Yearbook of Armaments, Disarmament and International Security*. Stockholm: Stockholm International Peace Research Institute. (Annual publication)
7. **United Nations (UN).** *UN Publications on Disarmament*. New York: United Nations.
8. **U.S. Arms Control and Disarmament Agency (ACDA).** *Publications on Arms Control and Disarmament*. Washington, D.C.: U.S. Government Printing Office.
9. **Institute for Defence Studies and Analyses (IDSA).** *IDSA Publications*. New Delhi: IDSA.
10. **Indian Council of World Affairs (ICWA).** *ICWA Publications*. New Delhi: ICWA.
11. पांडे, डॉ. रामसूरत. (2014). *राष्ट्रीय सुरक्षा एवं अंतरराष्ट्रीय संबंध*. बरेली: प्रकाश बुक डिपो.
12. फडिया, डॉ. बी.एल. (2005). *अंतरराष्ट्रीय राजनीति*. आगरा: साहित्य भवन पब्लिकेशंस.

This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem-VI passed with any subject.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem-VI passed with any subject.

**Suggested online Resources:**

- Coursera
- Swayam

**B.A -IV, Semester-VII, Defence and Strategic Studies**  
**Paper-4: Legal Aspects of War**  
**(Theory)**

Programme/Class: 4 Year UG Degree (honours)		Year: Fourth	Semester: VII
Subject: Defence and Strategic Studies			
Course Code: A120704T		Course Title: Legal Aspects of War ( Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Understand the legal concept of war and legal regulations on war. 2. Understand the various dimensions of human rights, its violations and protectionas well and international law. 3. Understand the concept and theories of international humanitarian law and Refugee.			
Credits: 4		Core Compulsory / Elective	
Max. Marks: 25+75		Min. Passing Marks:33	
Total No. of Lectures-60			
Units	Topic		No. of Lectures
I	1. War: Concept, declaration of war, legal regulation on war, effects of war 2. Settlement of disputes 3. Neutrality		15
II	1. Laws of Land Warfare 2. Laws of Maritime Warfare 3. Laws of Aerial Warfare		15
III	1. Legality of Nuclear Warfare 2. Blockade and Enemy character 3. Human Rights: Concept, classification, declaration and International Convention		15
IV	1. Human Rights in Indian Constitution, NHRC 2. Concept and theories of International Humanitarian Law 3. Refugee: Concept, Refugee problems in South Asia, Solutions		15
Books Recommended: 1. Tandon, M.P., & Tandon, Rajesh. (1987). An Introduction to International Law. Allahabad: Allahabad Law Agency. 2. Kapoor, S.K. (1987). International Law. Allahabad: Central Law Agency. 3. Starke, J.G. (1972). An Introduction to International Law. London: Butterworths. 4. Oppenheim, L. (2008). International Law (9th ed.). Cambridge: Cambridge University Press. 5. फडिया, डॉ. बी.एल. (2000). अंतरराष्ट्रीय कानून. आगरा: साहित्य भवन पब्लिकेशन 6. कैलाश, डॉ. रामलाल (2010). युद्ध और अंतरराष्ट्रीय मानवाधिकार कानून, भारतीय विद्या प्रकाशन 7. मिश्रा, डॉ. अरुण (2008). युद्ध के कानूनी पहलू. कोनपुर: प्रगति पब्लिकेशन. 8. सिंह, डॉ. कृष्णकांत (2006). अंतरराष्ट्रीय सैन्य कानून और युद्ध. जयपुर: आर्य प्रकाशन.			



This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem-VI passed with any subject.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem-VI passed with any subject.

**Suggested online Resources:**

- Coursera
- Swayam

**B.A -IV, Semester-VII, Defence and Strategic Studies**  
**Paper -5: Experimental Military Psychology-I**  
**(Practical)**

Programme/Class: 4 Year UG Degree (honours)	Year: Fourth	Semester: VII
Subject: Defence and Strategic Studies (Practical)		
Course Code: A120705P	Course Title: Experimental Military Psychology-I (Practical)	
<b>Course outcomes:</b> After completion of this course the student will be able to: <div>1. Demonstrate foundational understanding of military psychology and its key assessment tools, including interest and intelligence tests.</div> <div>2. Analyze current national and international military issues through structured news reporting.</div> <div>3. Apply practical knowledge of military psychology through viva-voce and sessional record work to assess comprehension and application skills.</div>		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:40	
Total No. of Lectures-60		
Units	Topic	No. of Lectures
I	Introduction of Military Psychology	15
II	Test <div><div>• Interest</div><div>• Intelligence</div></div>	15
III	Military News Report on Current National & International issue	15
IV	Practical Sessional Work <div><div>• Vive-Voce</div><div>• Record</div></div>	15
<b>Books Recommended:</b> <div><div>1. Woodworth, R.S., &amp; Schlosberg, H. (1954). <i>Experimental Psychology</i>. New York: Holt, Rinehart and Winston.</div><div>2. Verma, Preeti. (2000). <i>Prayogaatmak Manovigyan</i>. New Delhi: Rishabh Publishing House.</div><div>3. Singh, A.K. (2002). <i>Experimental Psychology</i>. New Delhi: Vikas Publishing House.</div></div>		
This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem-VI passed with any subject.		
<b>Suggested Continuous Evaluation Methods:</b> Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance		
<b>Course prerequisites:</b> This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem-VI passed with any subject.		
<b>Suggested online Resources:</b> <div><div>• Coursera</div><div>• Swayam</div></div>		

**Practical Marking Scheme**

<b>MCQ/SL</b>	<b>-</b>	<b>10</b>	<b>Written</b>	<b>-</b>	<b>40</b>
<b>Viva Voce</b>	<b>-</b>	<b>05</b>	<b>Viva Voce</b>	<b>-</b>	<b>20</b>
<b>Record</b>	<b>-</b>	<b>10</b>	<b>Record</b>	<b>-</b>	<b>15</b>
<b>Total</b>	<b>-</b>	<b>25</b>	<b>Total</b>	<b>-</b>	<b>75</b>

**B.A-IV, Semester-VIII, Defence and Strategic Studies**  
**Paper-1: Evolution and Development of Western art of war**  
**(Theory)**

Programme/Class: 4 Year UG Degree (honours)	Year: Fourth	Semester: VIII
Subject: Defence and Strategic Studies		
Course Code: A120801T	Course Title: Evolution and Development of Western art of war ( Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Understand the basic concepts of the western military traditions. 2. Understand comparative analysis of western military systems during different Periods of history and the military systems of foreign invaders. 3. Inculcation of strategic thinking insight.		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
Units	Topic	No. of Lectures
I	1. Military system of Greeks and Romans with special reference to important battles 2. Battle of Arbela- 331 B.C. 3. Battle of Adrianople 378 AD	16
II	1. Mounted Archers and the battle of Hastings 1066 A.D. 2. Revival of Infantry and the battle of Crecy 1346 A.D.	12
III	1. Revolution in tactics with special reference to French revolution and Napoleonic art of warfare 2. American Imperialism & American Civil War. 3. Japanese Imperialism & Japanese Russia-china war	18
IV	1. Foundation of world war I, Treaty of Versailles 2. Rise of Nazism; Origins of world war II	14

**Books recommended:**

1. **Archer, I., Ferris, J. R., Herwig, H. H., & Travers, T. H. E. (Eds.).** (2000). *World History of Warfare*. New York: Macmillan.
2. **Black, Jeremy.** (2001). *Warfare in the Western World, 1775–1882*. Lexington: D.C. Heath & Company.
3. **Black, Jeremy.** (2002). *Warfare in the Western World, 1882–1975*. Lexington: D.C. Heath & Company.
4. **Chambers, John Whiteclay (Ed.).** (2000). *The Oxford Companion to American Military History*. Oxford: Oxford University Press.
5. **Cowley, Robert, & Parker, Geoffrey (Eds.).** (2001). *The Reader's Companion to Military History*. Boston: Houghton Mifflin.
6. **Dear, I. C. B., & Foot, M. R. D. (Eds.).** (2005; 2nd ed. 2010). *Oxford Companion to World War II*. Oxford: Oxford University Press.
7. **Doughty, Robert, Gruber, Ira, Flint, Roy, & Grimsley, Mark.** (1996). *Warfare in the Western World* (2 vols.). Boston: Houghton Mifflin.
8. **Dupuy, R. Ernest, & Dupuy, Trevor N.** (1977). *The Encyclopedia of Military History: From 3500 B.C. to the Present*. New York: Harper & Row.
9. **Holmes, Richard (Ed.).** (2001). *The Oxford Companion to Military History*. Oxford: Oxford University Press.
10. **Jones, Archer.** (2001). *The Art of War in the Western World*. New York: Oxford University Press.
11. **Keegan, John.** (1999). *The First World War* (9th ed.). New York: Random House.
12. **Kohn, George C.** (2006). *Dictionary of Wars* (3rd ed.). New York: Routledge.
13. **Karsten, Peter (Ed.).** (2005). *Encyclopedia of War and American Society* (3 vols.). Thousand Oaks, CA: Sage Publications.
14. **Keegan, John.** (1976). *The Face of Battle*. London: Pimlico.
15. **Keegan, John.** (1989). *The Price of Admiralty: The Evolution of Naval Warfare*. New York: Viking.
16. **Lamphear, John (Ed.).** (2007). *African Military History*. London: Routledge.
17. **Lee, Wayne E.** (2015). *Waging War: Conflict, Culture, and Innovation in World History*. Cambridge: Harvard University Press.
18. **Lynn, John A.** (2003). *Battle: A Cultural History of Combat and Culture*. New York: The Free Press.
19. मिश्रा, सुरेंद्र कुमार, *संसार के प्रसिद्ध युद्ध*, ग्रंथ अकादमी, नई दिल्ली
20. सिंह, लल्लन जी, *पाश्चात्य सैन्य इतिहास एवं युद्ध कला*, प्रकाश बुक डिपो बरेली

This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem-VII passed with any subject.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem-VII passed with any subject.

**Suggested online Resources:**

- Coursera
- Swayam

**B.A-IV, Semester-VIII, Defence and Strategic Studies****Paper-2: Military Journalism****(Theory)**

Programme/Class: 4 Year UG Degree (honours)	Year: Fourth	Semester: VIII
Subject: Defence and Strategic Studies		
Course Code: A120802T	Course Title: Military Journalism ( Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Understand the concepts, of Military reporting and the role it plays on moral of Nation 2. Understand the concepts of responsible military editing in the time of war and conflict in the present and coming decade. 3. Ready for the job in the field of Journalism with specialization in military journalism 4. Understand the importance and role of Indian media in national security		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
Units	Topic	No. of Lectures
I	1. Principles of Journalism 2. Functions of Journalistic Media Communication 3. Press Council and Press Commission 4. History of Military Journalism in India after 1947	15
II	1. Press Freedom Rights 2. Restriction under the Constitution 3. Contempt of Court Regulations 4. Defamation Proceedings 5. Copy Right and Defence Secrets Act	16
III	1. What is News? 2. Military News and Civil News 3. Responsibilities of a War Correspondant 4. Censorship	14
IV	1. General Principles 2. Functions and Qualification of Editors 3. Duties and Responsibilities of Editors 4. Rights of a Military Editor	15
<b>Books Recommended:</b> 1. Puri, G.K. (1987). <i>Journalism</i> . New Delhi: Publication House. 2. Heinemann, David. (2000). <i>The Practice of Journalism</i> . New York: Journalism Press. 3. Wainwright, David. (1995). <i>Journalism</i> . London: Media Publications. 4. Lloyd, James. (2002). <i>The Legal Limits of Journalism</i> . Oxford: Oxford University Press. 5. McWae, William. (1998). <i>Essential Law of Journalists</i> . London: Legal Press. 6. Walker, Thomas. (2004). <i>Powers of the Press</i> . New York: Press Publishers. 7. जोशी, डॉ. सुशीला, <i>हिंदी पत्रकारिता विकास और विविध आयाम</i> . जयपुर: राजस्थान हिंदी ग्रंथ अकादमी		

8. भानावत, डॉ. संजीव, *प्रेस कानून और पत्रकारिता*. जयपुर: राजस्थान हिंदी ग्रंथ अकादमी.

This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem-VII passed with any subject.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem-VII passed with any subject.

**Suggested online Resources:**

- Coursera
- Swayam

**B.A-IV, Semester-VIII, Defence and Strategic Studies,  
Paper-3: Geo-politics and Military Geography  
(Theory)**

Programme/Class: 4 Year UG Degree (honours)	Year: Fourth	Semester: VIII
Subject: Defence and Strategic Studies		
Course Code: A120803T	Course Title: Geo-politics and Military Geography ( Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Understand the concept, meaning and scope of geo-politics. 2. Understand the theories of land power, air power and sea powerpropounded by strategic thinkers 3. Understand the nature and scope of military geography of India and relateddefence problems.		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
Units	Topic	No. of Lectures
I	1. Concept and meaning of Geo-politics 2. Scope and importance of Geo-politics 3. Development of Geo-politics	15
II	1. Sea Power theory : Mahan and Houshoffar 2. Land Power theory : Machinder and Spykman 3. Air Power theory : Seversky	15
III	1. Geography in Land Warfare 2. Geography in Sea Warfare 3. Geography in Air warfare	15
IV	1. Importance and scope of logistics 1.1 Resources 1.2 Industries 1.3 Supply Chain 2. Military geography of India : Defence problems 3. Weather and communication	15
Book recommended		
1. Dasgupta, B. & Morris Jones, W.H. (1975). <i>Patterns and Trends in Indian Politics</i> . New Delhi: Allied Publishers. 2. De Seversky, A. (1942). <i>Victory through Air Power</i> . New York: Simon & Schuster. 3. Fairgrieve, J. (1915). <i>Geography and World Power</i> . London: University of London Press. 4. Fawcett, C.B. (1918). <i>Frontiers: A Study in Political Geography</i> . London: Oxford University Press. 5. Mackinder, H.J. (1924). <i>Nations of the Modern World</i> . London: George Philip & Son. 6. Mahan, A.T. (1900). <i>The Problem of Asia</i> . Boston: Little, Brown & Co. 7. Panikkar, K.M. (1955). <i>Geographical Introduction to Indian History</i> . Bombay: Bhawan's Book University. 8. Prescott, J.R.V. (1966). <i>Boundaries and Frontiers</i> . London: Croom Helm. 9. सिंह, अशोक कुमार, & सिंह, श्वेता, <i>भू राजनीति एवं भू राजनीति के आयाम</i> . बरेली: प्रकाश बुक डिपो.		

This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem-VII passed with any subject.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem-VII passed with any subject.

**Suggested online Resources:**

- Coursera
- Swayam



**B.A-IV, Semester-VIII, Defence and Strategic Studies**  
**Paper-4: Economics Aspects of War**  
**(Theory)**

Programme/Class: 4 Year UG Degree (honours)	Year: Fourth	Semester: VIII
Subject: Defence and Strategic Studies		
Course Code: A120804T	Course Title: Economics Aspects of War ( Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Understand the basic concept and theories of defence economics, inter-relationship of war and economy and new international economic order. 2. Evaluate India's defence production, disarmament strategies, and comparative defence budgeting with China and Pakistan. 3. Understand global economic frameworks and institutions, including the New International Economic Order, regional groupings, and the role of the World Bank and IMF in international security economics.		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
Units	Topic	No. of Lectures
I	1. War Economic- Concept, war and peace economy 2. Problems and solutions of war economy 3. Economic warfare	15
II	1. Economic potential of war 2. Cost of war 3. War finance	15
III	1. Defence production in India 2. Economics of disarmament 3. Defence Budget- comparative study of India, Pakistan and china defence budget	15
IV	1. The new international economic order – concept, economic rights of states, economic duties of states, south-south, North-South dialogue 2. Regional economic groupings- SAPTA, BIMSTEC, IBSA, GATT 3. World Bank and International Monetary Fund (IMF)	15
<b>Books Recommended:</b> 1. <b>Arnson, C.J. (Ed.)</b> (2005). <i>Rethinking the Economics of War: The Intersection of Need, Creed, and Greed</i> . Baltimore: Johns Hopkins University Press. 2. <b>Coulomb, F.</b> (2004). <i>Economic Theories of Peace and War (Studies in Defence Economics)</i> . London: Routledge. 3. <b>Broadberry, S. &amp; Harrison, M. (Eds.)</b> (2009). <i>The Economics of War</i> . Cambridge: Cambridge University Press. 4. श्रीवास्तव, जे.एम. (2015). <i>प्रतिरक्षा अर्थशास्त्र</i> . ए.एस.आर. पब्लिकेशंस, 5. शर्मा, डॉ. एस. डी., <i>यौद्धिक अर्थशास्त्र</i> . अलीगढ़: भारत प्रकाशन मंदिर		

This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem-VII passed with any subject.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem-VII passed with any subject.

**Suggested online Resources:**

- Coursera
- Swayam

**B.A -IV, Semester-VIII, Defence and Strategic Studies**  
**Paper-5: Experimental Military Psychology -II**  
**(Practical)**

Programme/Class: 4 Year UG Degree (honours)		Year: Fourth	Semester: VIII
Subject: Defence and Strategic Studies			
Course Code: A120805P		Course Title: <b>Experimental Military Psychology –II (Practical)</b>	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Analyze and present military news reports related to current national and international security issues. 2. Demonstrate foundational understanding of remote sensing and its application in defence studies. 3. Apply practical knowledge through viva-voce and sessional record work to assess analytical and reporting skills.			
Credits: 4		Core Compulsory / Elective	
Max. Marks: 25+75		Min. Passing Marks:40	
Total No. of Lectures- 60			
Units	Topic		No. of Lectures
I	Experiments		15
II	Military News Report on Current National & International issue		15
III	Remote sensing		15
IV	Practical Sessional Work Vive-Voce Record		15
Books Recommended: 1. <b>Woodworth, R.S., &amp; Schlosberg, H.</b> (1954). <i>Experimental Psychology</i> . New York: Holt, Rinehart and Winston. 2. <b>Verma, Preeti.</b> (2000). <i>Prayogaatmak Manovigyan</i> . New Delhi: Rishabh Publishing House. 3. <b>Singh, A.K.</b> (2002). <i>Experimental Psychology</i> . New Delhi: Vikas Publishing House.			
This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem-VII passed with any subject.			
<b>Suggested Continuous Evaluation Methods:</b> Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Viva Voce Attendance			
<b>Course prerequisites:</b> This course can be opted as an elective by the students of following subjects: Open for all. The eligibility for this paper is UG Sem-VII passed with any subject.			
<b>Suggested online Resources:</b> • Coursera • Swayam			

**Practical Marking Scheme**

<b>MCQ/SL</b>	<b>-</b>	<b>10</b>	<b>Written</b>	<b>-</b>	<b>40</b>
<b>Viva Voce</b>	<b>-</b>	<b>05</b>	<b>Viva Voce</b>	<b>-</b>	<b>20</b>
<b>Record</b>	<b>-</b>	<b>10</b>	<b>Record</b>	<b>-</b>	<b>15</b>
<b>Total</b>	<b>-</b>	<b>25</b>	<b>Total</b>	<b>-</b>	<b>75</b>

**B.A -IV, Semester-VII, Defence and Strategic Studies**  
**Paper-1: Peace and Conflict Studies**  
**(Theory)**

Programme/Class: 4 Year UG Degree (honours with Research)	Year: Fourth	Semester: VII
Subject: Defence and Strategic Studies		
Course Code: A120701T	Course Title: Peace and Conflict Studies ( Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 4. Understand the conceptual analysis of peace and conflict with their meaning nature and scope. 5. Understand the concept, theories and approaches to conflict resolution and peace research. 6. Understand regional conflicts and role of United Nations and Confidence Building Measures (CBMs).		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
Units	Topic	No of Lectures
I	1. Peace and Conflict Studies: Meaning, Nature and Scope 2. Conceptual analysis of Conflict and Peace 3. Conflict management in the regional context	15
II	1. Gandhian Approach and its current relevance for Conflict Resolution 2. Causes of war 3. Regional Conflicts and Role of United Nations	15
III	1. Confidence & Security Building Measures (CSBM,s) 2. Peace Building, Peace Making, Peace Keeping 3. Problems of CSBM, s in contemporary world.	15
IV	1. Settlement of Dispute 2. Human Security and peace building 3. Disarmament and arms control.	15
<b>Books Recommended:</b> 1. <b>Bose, Anima</b> (Ed.) (1919). <i>Peace and Conflict Resolution in World Community</i> . New Delhi. 2. <b>Rao, Bhaskar</b> (1996). <i>Global Perceptions on Peace Education</i> . New Delhi. 3. <b>Ackerman, Peter &amp; Duvall, Jack</b> (2000). <i>A Force More Powerful: A Century of Non-Violent Conflicts</i> . New York. 4. <b>Boutros-Ghali, B.</b> (1992). <i>An Agenda for Peace: Preventive Diplomacy, Peacemaking and Peacekeeping (U.N. Report)</i> . United Nations, New York. 5. <b>Bright, B.U.</b> (1985). <i>Educating for Peace</i> . New York. 6. <b>Curle, Adam</b> (1927). <i>Another Way: A Mechanistic View of War and Peace</i> . Cambridge. 7. <b>Dasgupta, A.C.</b> (1956). <i>Non-Violence: The Invincible Power</i> . Calcutta. 8. <b>Coser, Lewis A.</b> (1956). <i>The Functions of Social Conflict</i> . New York. 9. <b>Burton, J.W.</b> (1965). <i>International Conflict Resolution</i> . New York.		

10. **Purdeshi, Ghanshyam** (Ed.) (1982). *Contemporary Peace Research*. New Delhi.

This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is UG Sem-VI passed with Defence and Strategic Studies.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as a core subject by the students who has secured aggregate of 75 % marks in the first 6 Semesters of Defence and Strategic Studies.

**Suggested online Resources:**

- Coursera
- Swayam

**B.A -IV, Semester-VII, Defence and Strategic Studies,  
Paper-2: Conceptual Aspects of National Security  
(Theory)**

Programme/Class: 4 Year UG Degree (honours with Research)	Year: Fourth	Semester: VII
Subject: Defence and Strategic Studies		
Course Code: A120702T	Course Title: Conceptual Aspects of National Security ( Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Understand the evolution of the concept of national security with the components, nature, dimensions and objectives of it. 2. Understand India’s national security threats and challenges in the present world as well as in coming decades. 3. Understand the current needs of India’s defence cooperation, strategic partnership and security dialogue with strategically important countries.		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
Units	Topic	No. of Lectures
I	1. Concept of National Security. 2. Components of National Security. 3. National Security in the age of Globalization: New threats and challenges	15
II	1. Comprehensive Security: Meaning and Scope 2. Non Traditional Security: Meaning and Scope 3. Human Security: Meaning and Scope	15
III	1. Energy Security: Concept and Issues 2. Environmental Security: Concept and Issues 3. Cyber Security: Concept and Issues	15
IV	1. Foreign Policy: Concept, objectives and lineages 2. Defence Policy: Concept, objectives and lineages 3. Defence Cooperation, Strategic partnership and security dialogue: New Trends in 21 <sup>st</sup> Century scenario.	15
<b>Books Recommended:</b> 1. Subrahmanyam, K. (1972). <i>Our National Security</i> . New Delhi: Economic & Scientific Research Foundation. 2. Sen, Gautam (Ed.). (1986). <i>India’s Security Considerations in the Nuclear Age</i> . New Delhi: Atlantic Publishers. 3. Bhaskar, Chitrapu Uday. <i>India’s Security Concerns</i> . [Publication details not available; likely a compilation of essays or articles.] 4. Buzan, Barry. (1983). <i>People, States and Fear: The National Security Problem in International Relations</i> . Chapel Hill: University of North Carolina Press. 5. पांडे, डॉ. रामसूरत. (2014). <i>राष्ट्रीय सुरक्षा एवं अंतरराष्ट्रीय संबंध</i> . बरेली: प्रकाश बुक डिपो. 6. सिंह, लल्लन जी. (2003). <i>राष्ट्रीय रक्षा और सुरक्षा</i> . बरेली: प्रकाश बुक डिपो.		

7. सिंह, अशोक कुमार. (2018). *राष्ट्रीय सुरक्षा*. बरेली: प्रकाश बुक डिपो.

This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is UG Sem-VI passed with Defence and Strategic Studies.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as a core subject by the students who has secured aggregate of 75 % marks in the first 6 Semesters of Defence and Strategic Studies.

**Suggested online Resources:**

- Coursera
- Swayam

**B.A -IV, Semester-VII, Defence and Strategic Studies,  
Paper-3: W.M.D, Disarmament and Arms Control  
(Theory)**

Programme/Class: 4 Year UG Degree (honours with Research)	Year: Fourth	Semester: VII
Subject: Defence and Strategic Studies		
Course Code: A120703T	Course Title: W.M.D, Disarmament and Arms Control ( Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Understand the basic concepts and facts related to armament, disarmament and arms control. 2. Understand the impact of development and proliferation of the conventional as well as the Weapons of Mass Destruction on regional and global peace and security. 3. Understand social and economic consequences of disarmament and arms control		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
Units	Topic	No of Lectures
I	1. Armament: Meaning, Development and New trends. 2. Basic Concepts, theories and correlation between Disarmament & Arms Control 3. Objectives and nature of Disarmament & Arms Control.	15
II	1. Elements of Arms Control Mechanism: Agreements, Verification, Inspection and Control. 2. Measures of Arms Control and Disarmament. 3. Weapons of Mass Destruction (WMD): Nuclear Weapons, Chemical,Biological and Weather Weapons.	15
III	1. Concept of non-proliferation, non-proliferation treaty, PTBT, CTBT, MTCR,FMCT and other treaties 2. Nuclear policies of Nuclear weapon states (NWS) & Non-Nuclear weapon states (NNWS). 3. Terrorism and Nuclear Proliferation	15
IV	1. Arms Trade treaty (ATT) and its implications for Regional &Global Security. 2. Disarmament and Development 3. Social and Economic consequences of Disarmament & Arms Control.	15



**Books Recommended:**

1. **Benoit, Emile & Boulding, K.E.** (1963). *Disarmament and the Economy*. New York: Harper & Row Publishers.
2. **Faramazyan, R.** (1981). *Disarmament and Economy*. Moscow: Progress Publishers.
3. **International Institute for Strategic Studies (IISS).** *The Military Balance*. London: IISS. (Annual publication)
4. **International Institute for Strategic Studies (IISS).** *Adelphi Papers*. London: IISS. (Various editions)
5. **International Institute for Strategic Studies (IISS).** *Survival*. London: IISS. (Journal)
6. **SIPRI.** *Yearbook of Armaments, Disarmament and International Security*. Stockholm: Stockholm International Peace Research Institute. (Annual publication)
7. **United Nations (UN).** *UN Publications on Disarmament*. New York: United Nations.
8. **U.S. Arms Control and Disarmament Agency (ACDA).** *Publications on Arms Control and Disarmament*. Washington, D.C.: U.S. Government Printing Office.
9. **Institute for Defence Studies and Analyses (IDSA).** *IDSA Publications*. New Delhi: IDSA.
10. **Indian Council of World Affairs (ICWA).** *ICWA Publications*. New Delhi: ICWA.
11. पांडे, डॉ. रामसूरत. (2014). *राष्ट्रीय सुरक्षा एवं अंतरराष्ट्रीय संबंध* बरेली: प्रकाश बुक डिपो.
12. फडिया, डॉ. बी.एल. (2005). *अंतरराष्ट्रीय राजनीति*, साहित्य भवन पब्लिकेशंस, आगरा

This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is UG Sem-VI passed with Defence and Strategic Studies.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as a core subject by the students who has secured aggregate of 75 % marks in the first 6 Semesters of Defence and Strategic Studies.

**Suggested online Resources:**

- Coursera
- Swayam

**B.A -IV, Semester-VII, Defence and Strategic Studies**  
**Paper -4: Experimental Military Psychology-I**  
**(Practical)**

Programme/Class: 4 Year UG Degree (honours with Research)	Year: Fourth	Semester: VII
Subject: Defence and Strategic Studies (Practical)		
Course Code: A120705P	Course Title: Experimental Military Psychology-I (Practical)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Demonstrate foundational understanding of military psychology and its key assessment tools, including interest and intelligence tests. 2. Analyze current national and international military issues through structured news reporting. 3. Apply practical knowledge of military psychology through viva-voce and sessional record work to assess comprehension and application skills.		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:40	
Total No. of Lectures- 60		
Units	Topic	No. of Lectures
I	Introduction of Military Psychology	15
II	Test <ul style="list-style-type: none"><li>• Interest</li><li>• Intelligence</li></ul>	15
III	Military News Report on Current National & International issue	15
IV	Practical Sessional Work <ul style="list-style-type: none"><li>• Vive-Voce</li><li>• Record</li></ul>	15
<b>Books Recommended:</b> 1. Woodworth, R.S., & Schlosberg, H. (1954). <i>Experimental Psychology</i> . New York: Holt, Rinehart and Winston. 2. Verma, Preeti. (2000). <i>Prayogaatmak Manovigyan</i> . New Delhi: Rishabh Publishing House. 3. Singh, A.K. (2002). <i>Experimental Psychology</i> . New Delhi: Vikas Publishing House.		
This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is UG Sem-VI passed with Defence and Strategic Studies.		
<b>Suggested Continuous Evaluation Methods:</b> Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Viva Voce, Attendance.		
<b>Course prerequisites:</b> This course can be opted as a core subject by the students who has secured aggregate of 75 % marks in the first 6 Semesters of Defence and Strategic Studies.		
<b>Suggested online Resources:</b> <ul style="list-style-type: none"><li>• Coursera</li><li>• Swayam</li></ul>		

**Practical Marking Scheme**

MCQ/SL	-	10	Written	-	40
Viva Voce	-	05	Viva Voce	-	20
Record	-	10	Record	-	15
<b>Total</b>	-	<b>25</b>	<b>Total</b>	-	<b>75</b>

**B.A -IV, Semester-VII, Defence and Strategic Studies**  
**Paper-5: Research project/Dissertation**  
**(Research Project)**

Programme/Class: 4 Year UG Degree (honours with Research)	Year: Fourth	Semester: VII
Subject: Defence and Strategic Studies		
Course Code: A120706R	Course Title: Research project/Dissertation (Research Project)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Understand and apply the nature, scope, and types of research relevant to Defence and Strategic Studies. 2. Identify contemporary research themes related to India’s national security and formulate appropriate research problems and objectives. 3. Develop and submit a detailed research proposal including literature review, methodology, and expected outcomes.		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:40	
Total No. of Lectures- 60		
Unit	Topics	No. of Lectures
I	<b>Introduction to Research in Defence and Strategic Studies</b> <ul style="list-style-type: none"><li>Nature and Scope of Research in Defence and Strategic Studies</li><li>Definition of Research</li><li>Types of Research: Historical, Analytical, Empirical, and Applied</li></ul>	15
II	<b>Contemporary Themes for Research</b> <ul style="list-style-type: none"><li>India’s Relations with Neighboring Countries</li><li>Border Security and Management</li><li>Terrorism, Insurgency, and Counter-insurgency</li></ul> Or Any Other relevant topic with is related to India’s National Security	15
III	<b>Research Topic Selection</b> <ul style="list-style-type: none"><li><b>Identifying and Finalizing Topic:</b> Choose based on interest, relevance, feasibility, and societal needs; define scope and limitations.</li><li><b>Research Problem and Objectives:</b> Clearly formulate the research problem, objectives, and hypotheses.</li></ul>	15
IV	<b>Proposal Drafting and Writing</b> <ul style="list-style-type: none"><li><b>Proposal Preparation:</b> Brief introduction, literature review, research questions, methodology, expected outcomes, timeline, and preliminary bibliography</li><li>A detailed Proposal/Synopsis to be prepared and submitted.</li></ul>	15
This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is UG Sem-VI passed with Defence and Strategic Studies.		

**Suggested Continuous Evaluation Methods:**

Presentation/Research Proposal/Synopsis on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Viva Voce, Attendance

**Course prerequisites:** This course can be opted as a core subject by the students who has secured aggregate of 75 % marks in the first 6 Semesters of Defence and Strategic Studies.

**Suggested online Resources:**

- Coursera
- Swayam

**B.A -IV, Semester-VIII, Defence and Strategic Studies**  
**Paper-1: Evolution and Development of Western art of war**  
**(Theory)**

Programme/Class: 4 Year UG Degree (honours with Research)	Year: Fourth	Semester: VIII
Subject: Defence and Strategic Studies		
Course Code: A120801T	Course Title: Evolution and Development of Western art of war ( Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Understand the basic concepts of the western military traditions. 2. Understand comparative analysis of western military systems during different Periods of history and the military systems of foreign invaders. 3. Inculcation of strategic thinking insight.		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
Units	Topic	No. of Lectures
I	1. Military system of Greeks and Romans with special reference to important battles 2. Battle of Arbela- 331 B.C. 3. Battle of Adrianople 378 AD	18
II	1. Mounted Archers and the battle of Hastings 1066 A.D. 2. Revival of Infantry and the battle of Crecy 1346 A.D.	15
III	1. Revolution in tactics with special reference to French revolution and Napoleonic art of warfare 2. American Imperialism & American Civil War. 3. Japanese Imperialism & Japanese Russia-china war	15
IV	1. Foundation of world war I, Treaty of Versailles 2. Rise of Nazism; Origins of world war II	12

**Books recommended:**

1. **Archer, I., Ferris, J. R., Herwig, H. H., & Travers, T. H. E. (Eds.).** (2000). *World History of Warfare*. New York: Macmillan.
2. **Black, Jeremy.** (2001). *Warfare in the Western World, 1775–1882*. Lexington: D.C. Heath & Company.
3. **Black, Jeremy.** (2002). *Warfare in the Western World, 1882–1975*. Lexington: D.C. Heath & Company.
4. **Chambers, John Whiteclay (Ed.).** (2000). *The Oxford Companion to American Military History*. Oxford: Oxford University Press.
5. **Cowley, Robert, & Parker, Geoffrey (Eds.).** (2001). *The Reader's Companion to Military History*. Boston: Houghton Mifflin.
6. **Dear, I. C. B., & Foot, M. R. D. (Eds.).** (2005; 2nd ed. 2010). *Oxford Companion to World War II*. Oxford: Oxford University Press.
7. **Doughty, Robert, Gruber, Ira, Flint, Roy, & Grimsley, Mark.** (1996). *Warfare in the Western World* (2 vols.). Boston: Houghton Mifflin.
8. **Keegan, John.** (1999). *The First World War* (9th ed.). New York: Random House.
9. **Kohn, George C.** (2006). *Dictionary of Wars* (3rd ed.). New York: Routledge.
10. **Karsten, Peter (Ed.).** (2005). *Encyclopedia of War and American Society* (3 vols.). Thousand Oaks, CA: Sage Publications.
11. **Keegan, John.** (1976). *The Face of Battle*. London: Pimlico.
12. **Keegan, John.** (1989). *The Price of Admiralty: The Evolution of Naval Warfare*. New York: Viking.
13. **Lamphear, John (Ed.).** (2007). *African Military History*. London: Routledge.
14. **Lee, Wayne E.** (2015). *Waging War: Conflict, Culture, and Innovation in World History*. Cambridge: Harvard University Press.
15. **Lynn, John A.** (2003). *Battle: A Cultural History of Combat and Culture*. New York: The Free Press.
16. मिश्रा, सुरेंद्र कुमार, *संसार के प्रसिद्ध युद्ध*. नई दिल्ली: ग्रंथ अकादमी.
17. सिंह, लल्लन जी, *पाश्चात्य सैन्य इतिहास एवं युद्ध कला*. बरेली: प्रकाश बुक डिपो.

This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is UG Sem-VII passed with Defence and Strategic Studies.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as a core subject by the students who has secured aggregate of 75 % marks in the first 6 Semesters of Defence and Strategic Studies.

**Suggested online Resources:**

- Coursera
- Swayam

**B.A -IV, Semester-VIII, Defence and Strategic Studies**  
**Paper-2: Geo-politics and Military Geography**  
**(Theory)**

Programme/Class4 Year UG Degree (honours with Research)	Year: Fourth	Semester: VIII
Subject: Defence and Strategic Studies		
Course Code: A120803T	Course Title: Geo-politics and Military Geography (Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Understand the concept, meaning and scope of geo-politics. 2. Understand the theories of land power, air power and sea powerpropounded by strategic thinkers 3. Understand the nature and scope of military geography of India and relateddefence problems.		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
Units	Topic	No. of Lectures
I	1. Concept and meaning of Geo-politics 2. Scope and importance of Geo-politics 3. Development of Geo-politics	15
II	1. Sea Power theory : Mahan and Houshoffer 2. Land Power theory : Machinder and Spykman 3. Air Power theory : Seversky	15
III	1. Geography in Land Warfare 2. Geography in Sea Warfare 3. Geography in Air warfare	15
IV	1. Importance and scope of logistics a. Resources b. Industries c. Supply Chain 2. Military geography of India : Defence problems 3. Weather and communication	15

**Book recommended:**

1. **Dasgupta, B. & Morris Jones, W.H.** (1975). *Patterns and Trends in Indian Politics*. New Delhi: Allied Publishers.
2. **De Seversky, A.** (1942). *Victory through Air Power*. New York: Simon & Schuster.
3. **Fairgrieve, J.** (1915). *Geography and World Power*. London: University of London Press.
4. **Fawcett, C.B.** (1918). *Frontiers: A Study in Political Geography*. London: Oxford University Press.
5. **Mackinder, H.J.** (1924). *Nations of the Modern World*. London: George Philip & Son.
6. **Mahan, A.T.** (1900). *The Problem of Asia*. Boston: Little, Brown & Co.
7. **Panikkar, K.M.** (1955). *Geographical Introduction to Indian History*. Bombay: Bhawan's Book University.
8. **Prescott, J.R.V.** (1966). *Boundaries and Frontiers*. London: Croom Helm.
9. सिंह, अशोक कुमार, & सिंह, श्वेता. (n.d.). *भू राजनीति एवं भू राजनीति के आयाम*. बरेली: प्रकाश बुक डिपो.

This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is UG Sem-VII passed with Defence and Strategic Studies.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as a core subject by the students who has secured aggregate of 75 % marks in the first 6 Semesters of Defence and Strategic Studies.

**Suggested online Resources:**

- Coursera
- Swayam



**B.A -IV, Semester-VIII, Defence and Strategic Studies**  
**Paper-3: Economics Aspects of War**  
**(Theory)**

Programme/Class: 4 Year UG Degree (honours with Research)		Year: Fourth	Semester: VIII
Subject: Defence and Strategic Studies			
Course Code: A120804T		Course Title: Economics Aspects of War ( Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Understand the basic concept and theories of defence economics, inter-relationship of war and economy and new international economic order.			
Credits: 4		Core Compulsory / Elective	
Max. Marks: 25+75		Min. Passing Marks:33	
Total No. of Lectures-60			
Units	Topic		No. of Lectures
I	1. Was Economic- Concept, war and peace economy 2. Problems and solutions of war economy 3. Economic warfare		15
II	1. Economic potential of war 2. Cost of war 3. War finance		15
III	1. Defence production in India 2. Economics of disarmament 3. Defence Budget- comparative study of India, Pakistan and china defence budget		15
IV	1. The new international economic order – concept, economic rights of states, economic duties of states, south-south, North-South dialogue 2. Regional economic groupings- SAPTA, BIMSTEC, IBSA, GATT 3. World Bank and International Monetary Fund (IMF)		15
<b>Books Recommended:</b> 6. Arnson, C.J. (Ed.) (2005). <i>Rethinking the Economics of War: The Intersection of Need, Creed, and Greed</i> . Baltimore: Johns Hopkins University Press. 7. Poast, P. (2008). <i>The Economics of War</i> . New York: McGraw-Hill Higher Education. 8. Coulomb, F. (2004). <i>Economic Theories of Peace and War (Studies in Defence Economics)</i> . London: Routledge. 9. Broadberry, S. & Harrison, M. (Eds.) (2009). <i>The Economics of War</i> . Cambridge: Cambridge University Press. 10. श्रीवास्तव, जे.एम. (2015). <i>प्रतिरक्षा अर्थशास्त्र</i> . ए.एस.आर. पब्लिकेशंस, 11. शर्मा, डॉ. एस. डी. (n.d.). <i>यौद्धिक अर्थशास्त्र</i> . अलीगढ़: भारत प्रकाशन मंदिर			

This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is UG Sem-VII passed with Defence and Strategic Studies.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as a core subject by the students who has secured aggregate of 75 % marks in the first 6 Semesters of Defence and Strategic Studies.

**Suggested online Resources:**

- Coursera
- Swayam

**B.A -IV, Semester-VIII, Defence and Strategic Studies**  
**Paper 4-: Experimental Military Psychology -II**  
**(Practical)**

Programme/Class: 4 Year UG Degree (honours with Research)	Year: Fourth	Semester: VIII
Subject: Defence and Strategic Studies		
Course Code: A120805P	Course Title: Experimental Military Psychology –II (Practical)	
Credits: 4	Core Compulsory / Elective	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Analyze and present military news reports related to current national and international security issues. 2. Demonstrate foundational understanding of remote sensing and its application in defence studies. 3. Apply practical knowledge through viva-voce and sessional record work to assess analytical and reporting skills.		
Max. Marks: 25+75	Min. Passing Marks: 40	
Total No. of Lectures- 60		
Units	Topic	No. of Lectures
I	Experiments	15
II	Military News Report on Current National & International issue	15
III	Remote sensing	15
IV	Practical Sessional Work Vive-Voce Record	15
Books Recommended: 1. <b>Woodworth, R.S., &amp; Schlosberg, H.</b> (1954). <i>Experimental Psychology</i> . New York: Holt, Rinehart and Winston. 2. <b>Verma, Preeti.</b> (2000). <i>Prayogaatmak Manovigyan</i> . New Delhi: Rishabh Publishing House. 3. <b>Singh, A.K.</b> (2002). <i>Experimental Psychology</i> . New Delhi: Vikas Publishing House.		
This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is UG Sem-VII passed with Defence and Strategic Studies.		
<b>Suggested Continuous Evaluation Methods:</b> Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Viva Voce, Attendance		
<b>Course prerequisites:</b> This course can be opted as a core subject by the students who has secured aggregate of 75 % marks in the first 6 Semesters of Defence and Strategic Studies.		
<b>Suggested online Resources:</b> • Coursera • Swayam		

<b><u>Practical Marking Scheme</u></b>			
<b>MCQ/SL</b>	<b>-</b>	<b>10</b>	<b>Written - 40</b>
<b>Viva Voce</b>	<b>-</b>	<b>05</b>	<b>Viva Voce - 20</b>
<b>Record</b>	<b>-</b>	<b>10</b>	<b>Record - 15</b>
<b>Total</b>	<b>-</b>	<b>25</b>	<b>Total - 75</b>

**B.A -IV, Semester-VIII, Defence and Strategic Studies**  
**Paper-5: Research project/Dissertation**  
**(Research Project)**

Programme/Class: 4 Year UG Degree (honours with Reseach)	Year: Fourth	Semester: VIII
<b>Subject: Defence and Strategic Studies,</b>		
Course Code: A120806R	Course Title: Research project/Dissertation ( <b>Research Project</b> )	
<b>Course outcomes:</b> After completion of this course the student will be able to: <div><div>1. Explain various research designs, hypothesis formulation, and the significance of literature review in the context of Defence and Strategic Studies.</div><div>2. Apply qualitative and quantitative methods for data collection, analysis, and interpretation using appropriate research tools.</div><div>3. Demonstrate the ability to write and present a structured research report using standard citation and referencing styles.</div></div>		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:40	
Total No. of Lectures- 60		
<b>Unit</b>	<b>Topics</b>	<b>No. of Lectures</b>
I	<b>Research Design and Methodology</b> <ul style="list-style-type: none"><li>• Research Design: Exploratory, Descriptive, Analytical</li><li>• Hypothesis: Meaning, Concept, types, and formulation of hypothesis and Testing</li><li>• Review of literature and its importance</li></ul>	15
II	<b>Methods and Tools of Data Collection</b> <ul style="list-style-type: none"><li>• Qualitative and Quantitative Methods</li><li>• Primary and secondary data: sources and differences</li><li>• Techniques of data collection:<div><div>A. Observation</div><div>C. Interview</div><div>B. Questionnaire</div><div>D. Case study</div></div></li><li>• Characteristics of a good research tool</li></ul>	18
III	<b>Data Analysis and Interpretation</b> <ul style="list-style-type: none"><li>• Data processing: editing, coding, classification, tabulation</li><li>• Descriptive statistics: mean, median, mode, standard deviation</li></ul>	12
IV	<b>Research Report Writing and Presentation</b> <ul style="list-style-type: none"><li>• Components of a research report, thesis, and dissertation</li><li>• Report writing: format, style, and language</li><li>• Citation and referencing styles: APA, MLA, Chicago</li><li>• A detailed Report to be prepared and submitted.</li></ul>	15
This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is UG Sem-VII passed with Defence and Strategic Studies.		
<b>Suggested Continuous Evaluation Methods:</b> Presentation/Final Report on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Viva Voce Attendance		
<b>Course prerequisites:</b> This course can be opted as a core subject by the students who has secured aggregate of 75 % marks in the first 6 Semesters of Defence and Strategic Studies.		
<b>Suggested online Resources:</b> <ul style="list-style-type: none"><li>• Coursera</li><li>• Swayam</li></ul>		

**M.A, Semester-IX, Defence and Strategic Studies**  
**Paper-1: Fundamental Aspects of Research Methodology**  
**(Theory)**

Programme/Class: P.G Degree	Year: Fifth	Semester: IX
Subject: Defence and Strategic Studies		
Course Code: A120901T	Course Title: Fundamental Aspects of Research Methodology ( Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Understand and conduct a comprehensive review of existing literature relevant to the research topic. 2. Apply appropriate data collection techniques for qualitative and quantitative research. 3. Develop skills in academic writing, including references, footnotes, appendices, and bibliography formatting.		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
Units	Topic	No of Lectures
I	1. Meaning and objectives of Research 2. Types of Research 3. Research Cycle	08
II	1. Research Problem: Meaning and types 2. Characteristics of a good research problem 3. Process and Sources of good research problem	07
III	1. Hypothesis: Meaning and types 2. Characteristic and Sources of hypothesis 3. Deference between Research Problem and Research Hypothesis	07
IV	1. Review of Literature 2. Data Collection Techniques 3. Analysis & Writing (References, Foot Notes, Appendix & Bibliography)	07
<b>Books Recommended:</b> 1. Nachmias, D. (1981). <i>Research Methods in the Social Sciences</i> . New York: St. Martin’s Press. 2. Young, P.V. (1988). <i>Scientific Social Survey and Research</i> . New Delhi: Prentice Hall of India. 3. Sulaiman, Mohd. (1998). <i>Research Methodology in Behavioral Sciences</i> . Patna: Publisher not mentioned. 4. Laxmi Narayan. (n.d.). <i>Research Methodology</i> . Agra: Y.K. Publishers. 5. Jain, B.M. (n.d.). <i>Research Methodology</i> . Jaipur: Prakri Bharati Academy. 6. Kothari, C.R. (1985). <i>Research Methodology: Methods and Techniques</i> . New Delhi: Wiley Eastern Ltd.		

This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is UG Sem-VIII passed in Defence and Strategic Studies.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as a core subject by the students who has passed out UG Sem-VIII in Defence and Strategic Studies.

**Suggested online Resources:**

- Coursera
- Swayam

**M.A, Semester-IX, Defence and Strategic Studies,  
Paper-2: Science, Technology and National Security  
(Theory)**

Programme/Class: P.G Degree	Year: Fifth	Semester: IX
Subject: Defence and Strategic Studies		
Course Code: A120902T	Course Title: Science, Technology and National Security ( Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Understand the impact of science and technology on society. 2. Understand the military applicability of science and technology. 3. Understand the advancement of defence technology and India’s defence needs.		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
Units	Topic	No of Lectures
I	1. Science, Technology and Society 2. Impact of major technological breakthroughs on society. 3. Applicability of Sciences in the field of defence.	15
II	1. Chemical-Biological Sciences and their military utility. 2. Nuclear Technology and related developments 3. Missile Technology and India’s Missile System.	15
III	1. Revolution in Military Affairs (RMA). 2. International interdependence and transfer of defence technology: Global trendsandIndian scenario. 3. Technology transfer control regime	15
IV	1. Critical & Dual technologies and India’s defence needs. 2. DRDO and Indian Defence. 3. Indian scenario for modern technological development	15
Books Recommended:  1. Frey, Karsten. (2006). <i>India’s Nuclear Bomb and National Security</i> . New York: Routledge. 2. Sen, Samir K. (2000). <i>Military Technology and Defence Industrialization: The Indian Experience</i> . New Delhi: Manas Publications. 3. Ghose, Air Cmde (Dr.) C.N. (n.d.). <i>Future Defence Challenges: Armed Forces of the 21st Century</i> . New Delhi: Manas Publications. 4. Norris, J. (1997). <i>NBC – Nuclear, Biological &amp; Chemical Warfare on the Modern Battlefield</i> . U.K.: Brassey’s. 5. Goldman, Emily O., & Eliason, Leslie C. (Eds.). (2003). <i>The Diffusion of Military Technology and Ideas</i> . Stanford: Stanford University Press.		
This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is UG Sem-VIII passed in Defence and Strategic Studies.		

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as a core subject by the students who has passed out UG Sem-VIII in Defence and Strategic Studies.

**Suggested online Resources:**

- Coursera
- Swayam



**M.A, Semester-IX, Defence and Strategic Studies**  
**Paper-3: Security and Cooperation in South Asia**  
**(Theory)**

Programme/Class: P.G Degree	Year: Fifth	Semester: IX
Subject: Defence and Strategic Studies		
Course Code: A120903T	Course Title: Security and Cooperation in South Asia (Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: <div><div>1. Understand the concept and scope of conflict and co-operation studies.</div><div>2. Understand the conflict and co-operation matrix of South Asia.</div><div>3. Understand the internal problems and issues of the region and prospects of peace and co-operation.</div></div>		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
Units	Topic	No of Lectures
I	<div><div>1. Geo-Political setting of South Asia.</div><div>2. Strategic importance of South Asia</div><div>3. Society, Culture and History of South Asia.</div></div>	15
II	<div><div>1. Strategic importance of Afghanistan, Myanmar and China for South Asia</div><div>2. Major powers in South Asia (USA, Russia, China)</div><div>3. Contemporary Issues and conflicts in South Asia</div></div>	15
III	<div><div>1. Regional Cooperation: Conceptual dimensions</div><div>2. Prospects of Sub regional cooperation in South Asia</div><div>3. SAARC</div></div>	15
IV	<div><div>1. Maritime cooperation in South Asia</div><div>2. Role of Pressure Groups in politico-military scenario of South Asian countries.</div><div>3. Peace initiatives in South Asia</div></div>	15
Books Recommended: <div><div>1. Bose, Anima (Ed.). (1991). <i>Peace and Conflict Resolution in the World Community</i>. New Delhi: Vikas Publishing House.</div><div>2. Rao, D.B. (2014). <i>Global Perceptions on Peace Education</i>. New Delhi: Discovery Publishing House.</div><div>3. Boutros-Ghali, Boutros (1992). <i>An Agenda for Peace: Preventive Diplomacy, Peacemaking and Peacekeeping</i>. New York: United Nations.</div><div>4. Das Gupta, Arun Chandra (1946). <i>Non-Violence: The Invincible Power</i>. Calcutta: Khadi Pratisthan.</div><div>5. Burton, John W. (1965). <i>International Conflict Resolution</i>. New York: Macmillan.</div><div>6. Wright, Quincy (1965). <i>A Study of War</i>. Chicago: University of Chicago Press.</div></div>		
This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is UG Sem-VIII passed in Defence and Strategic Studies.		

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as a core subject by the students who has passed out UG Sem-VIII in Defence and Strategic Studies.

**Suggested online Resources:**

- Coursera
- Swayam

**M.A, Semester-IX, Defence and Strategic Studies**  
**Paper-4: Contemporary Strategic Environment and Issues**  
**(Theory)**

Programme/Class: P.G Degree		Year: Fifth	Semester: IX
Subject: Defence and Strategic Studies			
Course Code: A120904T		Course Title: Contemporary Strategic Environment and Issues (Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Learn contemporary challenges to peace and stability in the world. 2. The contemporary problems of international threats like ISIS, Uyghers, Jaish-e-Mohammed, Islamic fundamentalism and other issues threatening international peace and security 3. The course also makes them learn to contemplate response mechanisms to solve conflict issues			
Credits: 4		Core Compulsory / Elective	
Max. Marks: 25+75		Min. Passing Marks:33	
Total No. of Lectures-60			
Units	Topic		No of Lectures
I	1. South Asia: India-Pakistan-China triangle 2. Israel - Palestine Conflict: Genesis and Contemporary Trends. 3. Conflict in south china sea : challenges and responses		15
II	1. Afghanistan imbroglio: challenges and responses 2. Islamic Fundamentalism in Af-Pak region: Challenges and Responses. 3. Emergence of ISIS: Challenges and Responses.		15
III	1. US-Iran conflict in Persian gulf 2. BRICS in global climate governance and sustainable development 3. Strategic environment of indo-pacific region and QUAD		15
IV	1. India's neighborhood: Strategic challenges and opportunities 2. Domestic turmoil in Nepal: strategic implications for India. 3. China’s Belt and Road Initiative: strategic implications for India		15

**Books Recommended:**

1. Stuenkel, Oliver. (2015). *The BRICS and the Future of Global Order*. Lexington Books.
2. Ganguly, Šumit. (2022). *India, China, and Pakistan: Strategic Relations and the Nuclear Triangle*. Columbia University Press.
3. Hayton, Bill. (2014). *The South China Sea: The Struggle for Power in Asia*. Yale University Press.
4. Tessler, Mark. (2009). *A History of the Israeli-Palestinian Conflict*. Indiana University Press.
5. Rashid, Ahmed. (2002). *Jihad: The Rise of Militant Islam in Central Asia*. Penguin Books.
6. Pant, Harsh V. (Ed.). (2020). *India and the Indo-Pacific: Strategy, Security and Status*. Routledge.
7. Jha, Prashant. (2014). *Battles of the New Republic: A Contemporary History of Nepal*. Aleph Book Company.

This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is UG Sem-VIII passed in Defence and Strategic Studies.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as a core subject by the students who has passed out UG Sem-VIII in Defence and Strategic Studies.

**Suggested online Resources:**

- Coursera
- Swayam

**M.A, Semester-IX, Defence and Strategic Studies,**  
**Paper-5: TEWT-I**  
**(Practical)**

Programme/Class: P.G Degree	Year: Fifth	Semester: IX
Subject: Defence and Strategic Studies		
Course Code: A120905P	Course Title: TEWT-I (Practical)	
<b>Course outcomes:</b> After completion of this course the student will be able to: <div><div>1. Understand and describe the structure and functions of infantry, focusing on its organization, roles, and operational tactics in military operations.</div><div>2. Demonstrate the ability to plan and execute military attacks using effective strategies, integrating tactical decision-making processes.</div><div>3. Construct and interpret sand table and plane table survey models to analyze terrain and operational positions for military planning and strategy.</div></div>		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:40	
Total No. of Lectures-60		
Units	Topic	No of Lectures
I	Outline organizations of infantry battalion	15
II	Organizations weapons at platoon and company level	15
III	Elementary knowledge of modern tactics- (Field Craft)	15
IV	Verbal order and patrolling	15
<b>Books Recommended:</b> <div><div>1. Kapur, A. (2014). Indian infantry: Organization, tactics, and equipment. National Defence Academy Press.</div><div>2. Gupta, R. (2008). Modern battlefield tactics and infantry training. Lancer Publishers.</div><div>3. Singh, K. (2012). Sand table exercises for military training: Concept and application. Vikas Publishing House.</div><div>4. Chaudhuri, A. (2010). Introduction to military surveying and reconnaissance. Allied Publishers.</div><div>5. Sharma, S. P. (2011). Geospatial technology and defense: Applications of plane table surveying in military operations. K. K. Publications.</div></div>		
This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is UG Sem-VIII passed in Defence and Strategic Studies.		
<b>Suggested Continuous Evaluation Methods:</b> Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Viva voce Attendance		
<b>Course prerequisites:</b> This course can be opted as a core subject by the students who has passed out UG Sem-VIII in Defence and Strategic Studies.		
<b>Suggested online Resources:</b> <div><div>• Coursera</div><div>• Swayam</div></div>		

**M.A, Semester-IX, Defence and Strategic Studies**

**Paper-6: Research project  
(Research Project)**

Programme/Class: P.G Degree	Year: Fifth	Semester: IX
Subject: Defence and Strategic Studies,		
Course Code: A120906R	Course Title: Research project ( <b>Research Project</b> )	
Credits: 4	Core Compulsory / Elective	
<b>Course outcomes:</b> After completion of this course the student will be able to:		
1. Demonstrate an understanding of the nature, scope, and types of research in Defence and Strategic Studies, including contemporary national security themes. 2. Formulate relevant research problems, objectives, and hypotheses; and prepare a structured research proposal based on selected topics related to India's national security. 3. Apply appropriate research methodology, data collection tools (such as observation, interviews, questionnaires, and case studies), and distinguish between qualitative and quantitative data sources for defence-related research.		
Max. Marks: 25+75	Min. Passing Marks:40	
Total No. of Lectures- 60		
Unit	Topics	No. of Lectures
I	<b>Introduction to Research in Defence and Strategic Studies</b> <ul style="list-style-type: none"><li>• Nature and Scope of Research in Defence and Strategic Studies</li><li>• Definition of Research</li><li>• Types of Research: Historical, Analytical, Empirical, and Applied</li></ul>	15
II	<b>Contemporary Themes for Research</b> <ul style="list-style-type: none"><li>• India’s Relations with Global Powers</li><li>• Border Security and Management</li><li>• Terrorism, Insurgency, and Counter-insurgency</li><li>• AI, Cyber Security and Information Warfare</li></ul> Or Any Other relevant topic with is related to India’s National Security	15
III	<b>Selection of Topic and Proposal Drafting</b> <ul style="list-style-type: none"><li>• <b>Identifying and Finalizing Topic:</b> Choose based on interest, relevance, feasibility, and societal needs; define scope and limitations.</li><li>• <b>Research Problem and Objectives:</b> Clearly formulate the research problem, objectives, and hypotheses.</li><li>• <b>Proposal Preparation:</b> Brief introduction, literature review, research questions, methodology, expected outcomes, timeline, and preliminary bibliography</li></ul>	15

IV	<b>Research Methodology, Methods and Tools of Data Collection</b> <ul style="list-style-type: none"> <li>• Hypothesis: Meaning, Concept, types, and formulation of hypothesis and Testing</li> <li>• Review of literature and its importance</li> <li>• Qualitative and Quantitative Methods</li> <li>• Primary and secondary data: sources and differences</li> <li>• Techniques of data collection: <ul style="list-style-type: none"> <li>○ Observation</li> <li>○ Interview</li> <li>○ Questionnaire</li> <li>○ Case study</li> </ul> </li> </ul>	15
This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is UG Sem-VIII passed in Defence and Strategic Studies.		
<b>Suggested Continuous Evaluation Methods:</b> Presentation/ Research Proposal on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance		
<b>Course prerequisites:</b> This course can be opted as a core subject by the students who has passed out UG Sem-VIII in Defence and Strategic Studies.		
<b>Suggested online Resources:</b> <ul style="list-style-type: none"> <li>• Coursera</li> <li>• Swayam</li> </ul>		

**M.A, Semester-X, Defence and Strategic Studies**  
**Paper-1: Evolution of Strategic Thought**  
**(Theory)**

Programme/Class: P.G Degree	Year: Fifth	Semester: X
<b>Subject: Defence and Strategic Studies</b>		
Course Code: A121001T	Course Title: Evolution of Strategic Thought (Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: <div><div>1. Understand the nature, scope and development of strategic thoughts.</div><div>2. Understand the concepts of strategy and tactics, relationship betweenwar and politics in view of noted strategic thinkers.</div><div>3. Understand the concept of armoured and mechanised warfare</div></div>		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
<b>Units</b>	<b>Topic</b>	<b>No of Lectures</b>
<b>I</b>	<div><div>1. Vauben- Science and war</div><div>2. Adam Smith- war Economics</div><div>3. Napoleon: Warfare, Tactics and Reforms</div></div>	15
<b>II</b>	<div><div>1. Mackinder: Heart Land Theory</div><div>2. Schlieffen – Theory of Encirclement</div><div>3. Foch: principal of war.</div></div>	15
<b>III</b>	<div><div>1. Ludendorffd- total war</div><div>2. JFC fuller- Mobile warfare</div><div>3. Liddle Hart thoughts- Armored and Mechanized Warfare</div></div>	15
<b>IV</b>	<div><div>1. Henry Kisssinger- Nuclear Doctrine</div><div>2. Harkabi- Nuclear Age</div></div>	15
<b>Books Recommended:</b> <div><div>1. Gilbert, F. (Ed.). (1965). <i>Machiavelli: The Art of War</i>. Indianapolis: Bobbs-Merrill.</div><div>2. Earle, E. M. (Ed.). (1986). <i>Makers of Modern Strategy: From Machiavelli to the Nuclear Age</i>. Princeton, NJ: Princeton University Press.</div><div>3. Howard, M. (1976). <i>War in European History</i>. London: Oxford University Press.</div><div>4. Fuller, J. F. C. (1961). <i>The Conduct of War, 1789–1961: A Study of the Impact of the French, Industrial, and Russian Revolutions on War and Its Conduct</i>. New Delhi: Military Publishing House.</div><div>5. Machiavelli, N. (1961). <i>The Prince</i> (Trans. George Bull). Britain: Penguin Books. <i>(Original work published 1532.)</i></div></div>		
This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is PG Sem - IX passed in Defence and Strategic Studies.		
<b>Suggested Continuous Evaluation Methods:</b> Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance		
<b>Course prerequisites:</b> This course can be opted as a core subject by the students who has passed out PG Sem - IX in Defence and Strategic Studies.		
<b>Suggested online Resources:</b> <div><div>• Coursera</div><div>• Swayam</div></div>		



**M.A, Semester-X, Defence and Strategic Studies**  
**Paper-2: Non-Traditional Security**  
**(Theory)**

Programme/Class: P.G Degree		Year: Fifth	Semester: X
Subject: Defence and Strategic Studies			
Course Code: A121002T		Course Title: Non-Traditional Security (Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Understand the basic concept, nature and scope of Non-Traditional Security. 2. Understand Non-Traditional threats and challenges to India’s security. 3. Understand the role of science and technology in the management of Non-Traditional Security of India			
Credits: 4		Core Compulsory / Elective	
Max. Marks: 25+75		Min. Passing Marks:33	
Total No. of Lectures-60			
Units	Topic		No of Lectures
I	1. Traditional and Non-Traditional Security 2. Non-Traditional Security: Concept and scope 3. Non-Traditional Security threats and challenges and their typologies		15
II	1. India’s Non-Traditional security challenges 2. Proliferation of chemical and biological weapons 3. Non-Traditional Nuclear Threats		15
III	1. Climate change: emerging security concerns 2. Environmental Disasters 3. Non-Traditional security and Green Politics		15
IV	1. Non –Traditional issues on Non-State actors 2. International Terrorism 3. Trans-National Migration: Issues and challenges		15
<b>Books Recommended:</b> 1. Caballero-Anthony, Mely. (2016). An Introduction to Non-Traditional Security Studies: A Transnational Approach. Sage publication London. 2. Arora, N.D. & Gopal, Krishan (Eds.). (2012). Non-Traditional Security: Emerging Perspectives in South Asia. Shipra Publications, New Delhi 3. Sahni, Varun. (2001). Conceptualizing Security for India in the 21st Century, Institute for Defence Studies and Analyses (IDSA), New Delhi			
This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is PG Sem - IX passed in Defence and Strategic Studies.			
<b>Suggested Continuous Evaluation Methods:</b> Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance			
<b>Course prerequisites:</b> This course can be opted as a core subject by the students who has passed out PG Sem - IX in Defence and Strategic Studies.			
<b>Suggested online Resources:</b> • Coursera • Swayam			

**M.A, Semester-X, Defence and Strategic Studies**  
**Paper-3: Theories of International Relations**  
**(Theory)**

Programme/Class: P.G Degree	Year: Fifth	Semester: X
Subject: Defence and Strategic Studies		
Course Code: A121003T	Course Title: Theories of International Relations (Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Understand the basic concept, meaning, nature, scope and theories& approaches of international relations. 2. Understand the foundations and limitations of national power, National Interests and foreign policy. 3. Understand the principles and objectives of Indian foreign policy andthe development of India’s international relations with major foreign countries.		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:33	
Total No. of Lectures-60		
Units	Topic	No of Lectures
I	1. International relations: Meaning, nature and scope 2. Theories an Approaches: Realism and Idealism 3. Foundation and limitations of National Power and National Interest	15
II	1. Theories of Balance of Power and collective security 2. Non-alignment: concept and importance in modern time 3. Regional organization- SAARC, ASEAN, BIMSTEC, BRICS and others	15
III	1. Cold war: nature and evolution since 1945 2. Detente 3. New Cold War era	15
IV	1. Development of international relation in changing scenario 2. Impact of Nuclear weapons on International Relation 3. Diplomacy: New and old	15
<b>Books Recommended:</b> 1. Morgenthau, H. J. (1973). <i>Politics Among Nations: The Struggle for Power and Peace</i> (5th ed.). New York 2. Singh, Dr. Mahendra. (2010). <i>Theoretical Aspects of International Politics</i> . Alfa Publications, New Delhi 3. Palmer, N. D., & Perkins, H. C. (2007). <i>International Relations: The World Community in Transition</i> . AITBS Publishers, New Delhi		
This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is PG Sem - IX passed in Defence and Strategic Studies.		
<b>Suggested Continuous Evaluation Methods:</b> Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance		
<b>Course prerequisites:</b> This course can be opted as a core subject by the students who has passed out PG Sem - IX in Defence and Strategic Studies.		
<b>Suggested online Resources:</b> • Coursera • Swayam		

**M.A, Semester-X, Defence and Strategic Studies**  
**Paper-4: India's Defence and Foreign policy initiatives**  
**(Theory)**

Programme/Class: P.G Degree	Year: Fifth	Semester: X
Subject: Defence and Strategic Studies		
Course Code: A121004T	Course Title: India’s Defence and Foreign policy initiatives (Theory)	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Understand the basic determinants of India’s foreign policy. 2. Understand the Role of India’s Defence initiatives andinternational obligations in meeting the foreign policy goals 3. Study and Understand the major foreign and defence policy initiatives of India		
Credits: 4		Core Compulsory / Elective
Max. Marks: 25+75		Min. Passing Marks:33
Total No. of Lectures-60		
Units	Topic	No of Lectures
I	1. Basic Determinants of India’s Foreign Policy 2. Role of India’s Defence initiatives in meeting the foreign policy goals 3. International obligation- Disaster Management and humanitarian relief, peace keeping operation, combating sea piracy	15
II	1. Panchsheel 2. Non-Aligned Movement 3. Gujral doctrine	15
III	1. Nuclear Doctrine 2. Look East Policy 3. Act East Policy	15
IV	1. Look west policy 2. Project Mausam 3. Connect Central Asia Policy	15

**Books Recommended:**

1. Pant, Harsh V. (Ed.). *New Directions in India's Foreign Policy: Theory and Praxis*. Cambridge University Press, Cambridge, 2019.
2. Pande, Aparna. *From Chanakya to Modi: The Evolution of India's Foreign Policy*. HarperCollins Publishers, New Delhi, 2017.
3. Wadhwa, Anil & Gupta, Arvind (Eds.). *India's Foreign Policy: Surviving in a Turbulent World*. SAGE Publications, New Delhi, 2020.
4. Bandyopadhyaya, J. *The Making of India's Foreign Policy*. Allied Publishers, New Delhi, 2003.
5. Mohan, C. Raja, Malone, David & Raghavan, Srinath (Eds.). *The Oxford Handbook of Indian Foreign Policy*. Oxford University Press, New Delhi, 2015.

This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is PG Sem - IX passed in Defence and Strategic Studies.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Attendance

**Course prerequisites:** This course can be opted as a core subject by the students who has passed out PG Sem - IX in Defence and Strategic Studies.

**Suggested online Resources:**

- Coursera
- Swayam

**M.A, Semester-X, Defence and Strategic Studies,  
Paper-4: TEWT-II  
(Practical)**

Programme/Class: P.G Degree	Year: Fifth	Semester: IX
Subject: Defence and Strategic Studies		
Course Code: A121004T	Course Title: TEWT-II (Practical)	
<b>Course outcomes:</b> After completion of this course the student will be able to: <div><div>1. Demonstrate an understanding of basic military tactics such as defence and withdrawal, including planning and execution strategies in simulated environments.</div><div>2. Construct and interpret sand table models to represent terrain and tactical movements effectively for operational planning.</div><div>3. Apply the principles of remote sensing and Geospatial Intelligence (GEOINT) to analyze terrain, movement, and strategic locations for defence purposes.</div></div>		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:40	
Total No. of Lectures-60		
Units	Topic	No of Lectures
I	Message Writing	15
II	Appriciation on the Sand model on the following: A. Attack B. Defence / Withdrawal	15
III	Preparing Sand Model (Students should prepare individually / groups)	15
IV	Plan table survey and sketching	15
<b>Books Recommended:</b> <div><div>1. Lillesand, Thomas M., Kiefer, Ralph W., &amp; Chipman, Jonathan W. (2015). <i>Remote Sensing and Image Interpretation (7th Edition)</i> Wiley, 111 River Street, Hoboken, NJ 07030, USA.</div><div>2. Campbell, James B., &amp; Wynne, Randolph H. (2011). <i>Introduction to Remote Sensing (5th Edition)</i>, Guilford Press, 370 Seventh Avenue, New York, NY 10001, USA.</div><div>3. Sutherland, Jon. (2010). <i>The Art of Military Training Aids: From Sand Tables to Simulations</i>, Stackpole Books, 5067 Ritter Road, Mechanicsburg, PA 17055, USA.</div><div>4. Estes, John E., &amp; Jensen, John R. (2009). <i>Geospatial Intelligence: Origins and Evolution</i>, ASPRS (American Society for Photogrammetry and Remote Sensing), 5410 Grosvenor Lane, Suite 210, Bethesda, MD 20814, USA.</div></div>		
This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is PG Sem - IX passed in Defence and Strategic Studies.		
<b>Suggested Continuous Evaluation Methods:</b> Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Viva Voce, Attendance		
<b>Course prerequisites:</b> This course can be opted as a core subject by the students who has passed out PG Sem - IX in Defence and Strategic Studies.		
<b>Suggested online Resources:</b> <div><div>• Coursera</div><div>• Swayam</div></div>		

**M.A, Semester-X, Defence and Strategic Studies****Paper-6: Research project****(Research Project)**

Programme/Class: P.G Degree	Year: Fifth	Semester: X
<b>Subject: Defence and Strategic Studies,</b>		
Course Code: A121006R	Course Title: Research project	
<b>Course outcomes:</b> After completion of this course the student will be able to: 1. Explain the objectives, types, and importance of budgeting in research, along with the roles of major funding agencies like UGC, ICSSR, DST, CSIR, and ICMR. 2. Identify and estimate key components of a research budget, and prepare a budget proposal with justification for personnel, travel, materials, and other project costs. 3. Demonstrate competence in data processing, descriptive statistical analysis, and effectively present research findings through structured reports using appropriate referencing styles.		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks:40	
Total No. of Lectures- 60		
<b>Unit</b>	<b>Topics</b>	<b>No. of Lectures</b>
I	Fundamentals of Research Budgeting <ul style="list-style-type: none"><li>• Definition, objectives, and significance of budgeting in research</li><li>• Types of research budgets: Minor, Major, Institutional, Sponsored Projects</li><li>• Overview of funding agencies: UGC, ICSSR, DST, CSIR, ICMR, etc.</li></ul>	15
II	Components and Preparation of Budget <ul style="list-style-type: none"><li>• Key components of a research budget:<ul style="list-style-type: none"><li>○ Personnel costs (PI, Co-PI, RA, field staff)</li><li>○ Travel and fieldwork</li><li>○ Equipment and materials</li><li>○ Data collection and processing</li><li>○ Contingency and institutional overheads</li><li>○ Dissemination (seminars, publications, workshops)</li></ul></li><li>• Budget estimation techniques</li><li>• Writing budget justification</li></ul>	15
III	Data Analysis and Interpretation <ul style="list-style-type: none"><li>• Data processing: editing, coding, classification, tabulation</li><li>• Descriptive statistics: mean, median, mode, standard deviation</li></ul>	15
IV	Research Report Writing and Presentation <ul style="list-style-type: none"><li>• Components of a research report, thesis, and dissertation</li><li>• Report writing: format, style, and language</li><li>• Citation and referencing styles: APA, MLA, Chicago</li><li>• A detailed Research Project Report to be prepared and submitted.</li></ul>	15

This course can be opted as a core Subject by the students of Defence and Strategic Studies. The eligibility for this paper is PG Sem - IX passed in Defence and Strategic Studies.

**Suggested Continuous Evaluation Methods:**

Presentation/Record file on any topic of the above syllabus. Test with multiple choice questions/ short and long answer questions, Viva Voce, Attendance

**Course prerequisites:** This course can be opted as a core subject by the students who has passed out PG Sem - IX in Defence and Strategic Studies.

**Suggested online Resources:**

- Coursera
- Swayam