NATIONAL EDUCATION POLICY – 2020

FOUR YEAR UNDERGRADUATE PROGRAMME-

FYUP/HONOURS PROGRAMME/ MASTERS IN SCIENCE & ARTS

COURSE STRUCTURE FOR FYUP/MAS

DEFENCE AND STRATEGIC STUDIES 2025-26

SOBAN SINGH JEENA UNIVERSITY, ALMORA

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National Education Policy-2020

Common Minimum Syllabus for Uttarakhand State Universities and Colleges Four Year Undergraduate Programme- FYUP/Honours Programme/Master in Arts

2024

PROPOSED STRUCTURE FOR FYUP/MASTER'S DEFENCE AND STRATEGIC STUDIES

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

EXPERT COMMITTEE

S.N.	NAME	DESIGNATION	DEPARTMENT	AFFILIATION
1.	DR. Yatish Parsad Vashist	Convener	Defence and Strategic Studies	SRI DEV SUMAN UTTARAKHAND UNIVERSITY BADSHAHITHAUL, TEHRI GARHWAL (UTTARAKHAND)
2.	DR. N. D. Shukla	PROFESSOR	Defence and Strategic Studies	SRI DEV SUMAN UTTARAKHAND UNIVERSITY BADSHAHITHAUL, TEHRI GARHWAL (UTTARAKHAND)
3.	DR. D. P. S. Bhandari	PROFESSOR	Defence and Strategic Studies	SRI DEV SUMAN UTTARAKHAND UNIVERSITY BADSHAHITHAUL, TEHRI GARHWAL (UTTARAKHAND)
4.	Dr. Rakesh Istwal	PROFESSOR	Defence and Strategic Studies	SRI DEV SUMAN UTTARAKHAND UNIVERSITY BADSHAHITHAUL, TEHRI GARHWAL (UTTARAKHAND)
5.	Prof. O.P. Shukla	PROFESSOR (External Expert)	Defence and Strategic Studies	Lucknow University

SYLLABUS PREPARATION COMMITTEE

S.N.	NAME	DESIGNATION	DEPARTMENT	AFFILIATION
1.	DR. Satish Chandra Joshi	Asst. Professor	Defence and Strategic Studies	SDSU, Badshahithaul New Tehri, Tehri Garhwal, Uttarakhand
2.	Dr. D.S. Topwal	Asst. Professor	Defence and Strategic Studies	SDSU, Badshahithaul New Tehri, Tehri Garhwal, Uttarakhand
3.	Dr. Gopal Krishan Semwal	Asst. Professor	Defence and Strategic Studies	SDSU, Badshahithaul New Tehri, Tehri Garhwal, Uttarakhand
4.	Dr. Bharat Singh Chufal	Asst. Professor	Defence and Strategic Studies	SDSU, Badshahithaul New Tehri, Tehri Garhwal, Uttarakhand
5.	Dr. Kamlesh Chandra Pandey	Guest Faculty	Defence and Strategic Studies Garhwal, Uttarakhand	SDSU, Badshahithaul New Tehri, Tehri
6.	Dr. Vikarm Rotela	Guest Faculty	Defence and Strategic Studies Garhwal, Uttarakhand	SDSU, Badshahithaul New Tehri, Tehri

PROGRAMME PREREQUISITES

Any student who has passed intermediate or equivalent examination can opt for Defence Strategic Studies in B.A./B.Sc. Programme (undergraduate level).

Contents

List of Papers (DSC, DSE, GE, SEC) with semester wise titles

Programme Outcomes (POs)

Programme Specific Outcomes (PSOs) (Under Graduate Programme)

Programme Specific Outcomes (PSOs) (Honours/research Degree)

Programme Specific Outcomes (PSOs) (M.A/M.Sc. in Defence and Strategic Studies)

Semester I

Course Title: Fundamentals of Defence and Strategic Studies

Course Title: Terrorism

Course Title: Defence Studies and Disaster Management Part I

Semester II

Couse Title: The Art of Warfare of India (Part I)

Course Title: Science and Technology in Relation to Warfare

Course Title: Defence Studies and Disaster Management Part II

Semester III

Course Title: The Art of Warfare of India (Part II)

Course Title: Indian Defence Mechanism (Part I)

Course Title: India's Maritime Security

Course Title: Disarmament and Arms Control

Course Title: Defence Studies and Disaster Management Part III

19/07/25

Semester IV

Course Title: National Security

Course Title: Indian Defence Mechanism (Part II)

Course Title: Military Geography

Course Title: Defence Journalism

Course Title: Defence Studies and Disaster Management Part IV

Semester V

Course Title: Military Thinker

Course Title: Military History of Uttarakhand (Part I)

Course Title: Modern warfare

Course Title: Introduction to Information and Cyber Security

Semester VI

Course Title: International Relation and Organization

Course Title: Military History of Uttarakhand (Part II)

Course Title: Regional Security and Cooperation

Course Title: International Terrorism

Course Title: Conflict and Medi

Semester VII

Course Title: Strategic Dimension of Sino-India & Indo-Pak Relations

Course Title: Evolution of Warfare in the Western World

Course Title: India's National Security

Course Title: International Law

Course Title: Issue in Himalayan Security

Course Title: Law of war and Peace

Semester VIII

Course Title: India's Defence Policy

Course Title: Problem of war and Peace

Course Title: Peace and Conflict Studies

Course Title: South Asia Conflict Co-operation

Course Title: Military Sociology

Course Title: Human Right and Humanitarian Law

Semester IX

Course Title: National Security

Course Title: International Law

Course Title: Defence Psychology

Course Title: Strategic Thought

Course Title: Disarmament and Arms Control

Course Title: Non-Traditional Security

Semester VIII

Course Title: India's Defence Policy

Course Title: Problem of war and Peace

Course Title: Peace and Conflict Studies

Course Title: South Asia Conflict Co-operation

Course Title: Military Sociology

Course Title: Human Right and Humanitarian Law

Semester IX

Course Title: National Security

Course Title: International Law

Course Title: Defence Psychology

Course Title: Strategic Thought

Course Title: Disarmament and Arms Control

Course Title: Non-Traditional Security

Semester X

Course Title: Defence Economies

Course Title: International Relation and Conflict Resolution

Course Title: Insurgency and Counter Insurgence

Course Title: Reacher Methodology

Course Title: Politics of Indian Ocean

Course Title: Introduction to Cyber Security

Course Title: International Relation

2024

NEP Tentative Course Structure Defence and Strategic Studies

Sem	**Core** Discipline Specific Course (DSC) 4	Discipline Specific Elective Course (DSE) 4	Generic Elective (GE) 4	Ability Enhancement Course (AEC) 2	Skill Enhancement Course (SEC) 2	Internship/ Apprenticeship/Project (IAPC) (2)	Value Added Course (VAC) 2
I	DSC **Theory (3) – Fundamentals of Defence and Strategic Studies** **Practical (1) – Basics of Operational Exercise - I**		Choose one from a pool of courses GE-1(4) **Terrorism**	Choose one from a pool of AEC courses (2)	(2) **Defence Studies Disaster Management (Part I)**		Choose one from a pool of courses (2)
II	DSC **Theory (3) - The Art of warfare in India (Part I)** **Practical (1) – Basics of Operational Exercise - II**		Choose one from a pool of courses GE-1(4) **Science and Technology in Relation to warfare**	Choose one from a pool of AEC courses (2)	(2) **Defence Studies Disaster Management (Part II)**		Choose one from a pool of courses (2)
	Students on exit shall be awarded Undergraduate Certificate (in the Field of Study/ Discipline) after securing the requisite 44 credits in Semesters I and II						

Sem	Core Discipline Specific Course (DSC) 4	Discipline Elective Course (DSE) 4	Ability Enhancement Course (AEC) 2	Skill Enhancement Course (SEC) 2	Internship/ Apprentice ship/Project (IAPC) (2)	Value Added Cours e (VAC) 2
III	DSC **Theory (3)- The Art of Warfare in India (Part II)** **Practical (1) – Basics of Operational Exercise - III**	Choose one from pool of courses, DSE – 1 (4) DSE- **Indian Defence Mechanism (Part I)** DSE – **India's Maritime Security** OR Choose one from pool of courses, GE -3 (4) **Disarmament and Arms Contro**	Choose one from a pool of AEC courses (2)	Choose one SEC **Defence Studies Disaster Management (Part III)**		Choose one from a pool of course s (2)
IV	DSC **Theory (3) Netional Security -Practical (1) Basics of Operation al Exercise - IV**	Choose one from pool of courses, DSE – 2 (4) DSE – **Indian Defence Mechanism (Part II)** DSE- **Military Geography** OR in the alternative choose one from pool of courses GE - 4 (4) GE- Defence Journalism	Choose one from a pool of AEC courses (2)	Choose one SEC **Defence Studies Disaster Management (Part IV)**		Choos e one from a pool of cours es (2)
	Students on exit shall be awarded Undergraduate Diploma (in the Field of Study/ Discipline) after securing the requisite 88 credits					

Sem	Core Discipline Specific Course (DSC) 4	Discipline Specific Elective (DSE) 4	Generic Enhance 4	Skill Enhancement Course (SEC) 2	Internship/ Apprentice ship/Project (IAPC) (2)	Value Added Course (VAC) 2
V	DSC **Theory- (3)- Military Thinkers** **Practical (1)- Basics of Operation al Exercise - V**	Choose one from a pool of courses DSE - 3 (4) DSE- **Military History of Uttarakhand (PartI)** DSE- **Modern warfare**	Choose one from a pool of courses GE (4) **Introductio n to Informatio n and Cyber Security**		Choose one SEC OR Internship/Apprentice ship/ Project/Community Outreach (IAPC) (2)*	
VI	DSC **Theory-(3) – International Relation and Organization** **Practical (1) – Basics of Operation al Exercise - VI**	Choose one from a pool of courses DSE - 4 (4) DSE- **Military History of Uttarakhand (Part II)** DSE- **Regional Security and Cooperation**	Choose one from a pool of courses GE (4) GE- **1. International Terrorism** **2. Conflict and Media**		Choose one SEC OR Internship/Apprentice ship/ Project/Community Outreach (IAPC) (2)*	

Students on exit shall be awarded Bachelor of (in the Field of Study/Discipline) Honours (3 years) after securing the requisite 132 credits on completion of Semester VI

Sem.	Core Discipline Specific Course (DSC) 4	DSC/GE 4		Total Credit
VII	DSC **Theory (3)- Strategic Dimension of Sino-India & Indo- Pak Relation** **Practical-(1) Military use of Electromagnetic Spectrum, Press Clipping Tour**	Choose three DSE (3x4) courses OR Choose two DSE- (2x4) and one GE (4) course OR Choose one DSE (4) and two GE (2x4) courses (total = 12) **DSE - Evolution of Warfare in Western World** **DSE – India's National Security** **DSE – International Law** **GE- - Issue in Himalayan Security** **GE- Law of war and Peace**	Dissertation on Major (6) OR Dissertation on Minor (6) OR Academic project/ Entrepreneurship (6)	22
VIII	DSC **Theory (3)- India's Defence Policy** **Practical (1) Spotting Strategic Locations, Military Models, Presentation**	Choose three DSE (3x4) courses OR Choose two DSE- (2x4) and one GE (4) course OR Choose one DSE (4) and two GE (2x4) courses (total = 12) **DSE – Problem of war and Peace** **DSE- Peace and Conflict Studies** **DSE South Asia Conflict Co-operation** **GE- - Military Sociology** **GE- Human Right and Humanitarian Law**	Dissertation on Major (6) OR Dissertation on Minor (6) OR Academic project/ Entrepreneurship (6)	22

Students on exit shall be awarded Bachelor of (in the Field of Study/Discipline) (Honours with Research/Academic Projects/Entrepreneurship) or (Honors with Research in Discipline-1 (Major) with Discipline-2 (Minor) after securing the requisite 176 credits on completion of Semester VIII

Sem.	Core Discipline Specific Course (DSC) 4	DSC/GE 4		Total Credit
IX	DSC **Theory (3) National Security** **Practical (1)** New Clipping and Group-discussion (Part I)	Choose three DSE (3x4) courses OR Choose two DSE- (2x4) and one GE (4) course OR Choose one DSE (4) and two GE (2x4) courses (total = 12) **DSE- International Law** **DSE - Defence Psychology** **DSE- Strategic Thought** **GE- Disarmament and Arms Control** **GE- Non -Traditional Security**	Dissertation on Major (6) OR Dissertation on Minor (6) OR Academic project/ Entrepreneurship (6)	22
X	DSC **Theory (3) Defence Economics** **Practical (1)** New Clipping and Group-discussion (Part II)	Choose three DSE (3x4) courses OR Choose two DSE- (2x4) and one GE (4) course OR Choose one DSE (4) and two GE (2x4) courses (total = 12) **DSE- International Relation and Conflict Resolution** **DSE- Insurgency and Counter Insurgency** **DSE- Reacher Methodology** **DSE- Politics of Indian Ocean** **GE Introduction of Cyber Security** **GE- International Relation**	Dissertation on Major (6) OR Dissertation on Minor (6) OR Academic project/ Entrepreneurship (6)	22

	Students on exit shall be Master's in Core subject after securing the requisite 220 credits on completion of Semester X

Programme Specific Prerequisites: To acquire a Certificate in Science/Arts, with geography as one of the major subjects, a student should have passed 10+2 or equivalent subjects.

Programme specific outcomes (PSOs): UG 1 Year / Certificate course Arts/Science

PROGRAMME OUTCOMES (POs):

1. Upon completion of the program of Bachelors 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 learning of strategic studies shall arm the candidates to independently choose further course of action in his/her life whether pursuing higher education by taking specialized course in honors or identifying a career for himself or herself.

6. 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 contest of Defence and Strategic Studies for undergraduate program will incorporate a significance 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 interesting and absorbing aiming at demonstrative learning.

After undergoing this course, a student will be in 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.
2. Become familiar in the art of war 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.

Programme Specific Prerequisites: To acquire Diploma in Science/Arts, with Defence and Strategic Studies as one of the major subjects a student should have obtained Certificate Course in Arts/Science from any recognized university

Programme specific outcomes (PSOs): UG II Year/ (Diploma in Arts/Science)

After undergoing this course, a student will be in 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.
2. Acquaint them with the concepts of Strategic thinking as propounded by prominent classical and modern military thinkers. Students will also develop analytical thinking regarding relevance of such thought to the contemporary period.

Programme Specific Prerequisites: To acquire a Bachelor of Arts/Science degree, with Defence Strategic Studies as one of the major subjects, a student should have obtained Diploma Course in Arts/Science from any recognized university.

***Programme specific outcomes (PSOs):* UG III Year / Bachelor of Arts/Science**

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

Equip the students with specific knowledge of international relations and how nation-state system works. Acquire competency in military and state - centric aspects of international relations. know the concepts Higher Defence Organizations of India and the Rank Structure of the Three Services and Recruitment methods for Defence Services, learn about the Defence mechanism of India and evaluate its strengths and weaknesses.

1. Student will Learn about the various types of warfare that are taught in the world. Goal is to understand the different types of war waged by nations at large, and Learn about the most important Himalayan State of India i.e., Uttarakhand and Its Military Significance.

Programme Specific Prerequisites: To acquire Bachelor (Research) of Arts/science degree, in Defence and Strategic Studies, a student should have obtained three-year Bachelor of Arts/Science degree from any recognized university.

Programme specific outcomes (PSOs): UG IV Year / Bachelor of Arts/Science (Honors/Research)

After undergoing this Course, a student will be in position to-

1. Students Become familiar in evolution of art of warfare in India. Besides, in a position to appreciate and understand evolutionary changes in the art and science of war in India through ages. To Understand and Learn the art of developing, cultivating the role of diplomacy in maintaining relations and learn the meaning and concept of Conflict Resolution. To study the Impact of Science and Technology and Nuclear Developments on International Relations.
2. To understand and appreciate psychological aspects of war making, military leadership and emotional issues that is faced by soldiers during war and peace. To Understand the basic aspects of international law. Learns basics of laws of warfare through existing international legal principles.

Programme Specific Prerequisites: To acquire Master of Arts/Science, in Geography, a student should have obtained three-year Bachelor of Arts/Science and one year Bachelor (research) of Arts/Science from any recognized university. Student should have research-oriented aptitude for gaining the advanced knowledge in the subject field so that he/she can apply the gained knowledge to resolve related research and professional issues.

Program Specific Outcome (PSO):

1. Enhancement of the national security consciousness among the people.
2. Development of clear understanding of the key concepts related to security andstrategic issues along with their applications in real life situations.
3. Understanding the strategic as well as domestic issues that influence the security or defence of the country.
4. Understanding India's national interests and provide the broad field within which nation states and non-state factors interact.
5. Understanding India's national security and strategic spectrum as well as the geo-strategic and geo-political realities of the nation in national and regional perspective.
6. Understanding regional and international strategic environments and their impact on India's national security.
7. Understand emerging security threats, both traditional and non-traditional, to the national security of India.
8. Understanding the role of science & technology in national security.
9. Understanding the interdisciplinary nature of national security and enhance the clear understanding of Indian military history and the evolution of Indian art of war, India's internal security challenges, civil-military relations, Indian military psychology, the economics of defence budgeting and expenditure, conflict resolution.
10. Enable the students for NET/JRF, SET and pursue research work.
11. Development of analytical skill among students so that they appreciate the subject in right perspective and support stakeholders and security establishments in planning grand strategic policies of the nation.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc Defence Strategic Studies

(Semester I and II)

Sem	**Core** Discipline Specific Course (DSC) 4	Discipline Specific Elective Course (DSE) 4	Generic Elective (GE) 4	Ability Enhancement Course (AEC) 2	Skill Enhancement Course (SEC) 2	Internship/ Apprenticeship/Project (IAPC) (2)	Value Added Course (VAC) 2	Total Credit
I	DSC **Theory (3) – Fundamentals of Defence and Strategic Studies** **Practical (1) – Basics of Operational Exercise - I**		Choose one from a pool of courses GE-1(4) **Terrorism**	Choose one from a pool of AEC courses (2)	(2) **Defence Studies Disaster Management (Part I)**		Choose one from a pool of courses (2)	22
II	DSC **Theory (3) -The Art of Warfare in India (Part I)** **Practical (1) – Basics of Operational Exercise - II**		Choose one from a pool of courses GE-1(4) **Science and Technology in Relation to warfare**	Choose one from a pool of AEC courses (2)	(2) **Defence Studies Disaster Management (Part II)**		Choose one from a pool of courses (2)	22
	Students on exit shall be awarded Undergraduate Certificate (in the Field of Study/ Discipline) after securing the requisite 44 credits in Semesters I and II							44

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence and Strategic Studies

DISCIPLINE SPECIFIC CORE COURSE (DSC) Fundamentals of Defence and Strategic Studies

Programme: Under Graduate in Arts/Science	Year: I	Semester: I
Subject: Defence and Strategic Studies	Course Code:	Course Title: Fundamentals of Defence and Strategic Studies

Course Outcomes

To introduce the discipline of Defence and Strategic Studies –its Subjects contents- contemporary relevance, importance o contemporary world development and relationship-the goals of the discipline.

Theory- (Credit- 3)	**Distribution of marks according the University rule**	
Total No. of Lectures – Tutorials – Practical (in hours per week): 3-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**	
Units	Course Contents	Lectures
Unit – I	Meaning Definition and Scope of Defence and Strategic Studies Utility, Relevance and Significance of Defence and Strategic Studies Correlation of Defence and Strategic Studies with other Discipline of the Study	10
Unit – II	Meaning and Definition of Security and Defence in India Definition and meaning of basic concept – Conflict, Campaign, Battle, War, Strategy, Grand Strategy, Tactics, Logistics, Security and Defence.	10
Unit – III	Historical Evolution, Features and Causes of War Principles of War Types of War	10
Unit – IV	Conventional and Unconventional wars- Civil war, Guerilla war, Insurgency, Counter Insurgency, Limited war & Total war ABC Warfare – Atomic, Biological and Chemical Warfare	10
Unit – V	Concept of Peace- Meaning and Definition Peace Keeping, Peace Building, Peace Making	5
Practical (Credit- 1)	**Course Title: Basics of Operational Exercise-I** 1. **MAPs:** Definition and Features, Classification and its utility for Military, Enlargement and reduction of Maps. 2. **Conventional Signs**: Military and Geographical. 3. SHEET NUMBER: Million Sheets 'Quarter inch sheets' Half inch Sheets' 'One inch Sheet' and index of Sheets. 4. **GRID SYSTEM**: Four Figure, Six Figure and Eight Figure Map References.	30

S. Pandey

BOOKS SUGGESTED

1. पाण्डेय बाबूराम एवं रामसूरत (2005). युद्ध और शान्ति के मूल तत्व. प्रका । बुक डिपो. बरेली।
2. सिंह. टण्डन. अग्रवाल (2012). युद्ध और शान्ति का अध्ययन. शारदा पुस्तक भवन. इलाहाबाद।
3. सिंह डॉ एल.जे (2020). युद्ध का अध्ययन. सैन्य मनोविज्ञान एवं युद्ध व शान्ति की समस्याए प्रका । बुक डिपो. बरेली।
4. Montgomery Viscount, (1983) A History of Warfare, William Morrow & Co, New York City.
5. Sidhu, K.S., (1988) War and Its Principles, Atlantic, New Delhi.
6. Mukherji and Shyam Lal, (1952) A Textbook of Military Science, Vol. II., Navayuga, New Delhi.
7. Wright, Quincy, (1942) Study of War, University of Chicago Press.
8. Osanka, F.M., (1962) Modern Guerrilla Warfare, Free Press of Glencoe, New York.
9. Aron R., (1966) Peace and War: A Theory of International Relations, Praeger, New York.
10. Anthony James Joes, (1996)Guerrilla Conflict before the Cold War, (Praeger Publishers).

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence and Strategic Studies

GENERIC ELECTIVE (GE)- Terrorism

Programme: Under Graduate in Arts/Science	Year: I	Semester: I
Subject: Defence and Strategic Studies	Course Code:	Course Title: Terrorism

Course Outcomes

The paper introduces the concept of terrorism, types and causes prevailing in today's world. Course helps to understand the insurgency, naxalite, and extremism.

Theory- (Credit-4)	Distribution of marks according the University rule.
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	15 hrs for 1 credit theory, 30 hrs for 1 credit practical

Unit	Course Content: Terrorism	Lectures
Unit – I	**Introduction** a) Definition and Meaning of Terrorism. b) History of Terrorism. a) Nature and Tactics of Terrorism.	12
Unit – II	**Terrorism in Perspective** a) Causes of Terrorism. b) Types of Terrorism. b) Levels of Terrorism.	12
Unit – III	**Terrorism and India** a) Kashmir- Cross-border terrorism b) Terrorism in North-East India.	12

	c) Major Terrorism attacks in India	
Unit – IV	**Left-Wing Extremism in India** a) Naxalite Movement b) Growth of Maoist Insurgency d) Red Corridor	12
Unit – V	Terrorism arising as a Global Challenge Strategy to Counter Terrorism in India and World	12

BOOKS SUGGESTED

1. B.P.Singh, Sehgal, Global Terrorism: Socio-Political and Legal Dimensions, New Delhi: Deep and Deep Publications,1996.
2. Virender Grover, (ed)., Encyclopeadia of International Terrorism: Terrorism, History and Development, Vol.1, New Delhi; Deep and Deep Publications,2002.
3. Virender Grover, (ed)., Encyclopeadia of International Terrorism: Terrorism in World Countries, Vol.2, New Delhi: Deep and Deep Publications,2002.
4. Walter Laqueur, Terrorism, Boston: Little Brown and Co., 1977.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES
B.A./B.Sc. Defence and Strategic Studies

SKILL ENHANCEMENT COURSE (SEC) Defence Studies Disaster Management (Part I)

Programme: Under Graduate in Arts/Science	Year: I	Semester: I
Subject: Defence and Strategic Studies	Course Code:	Course Title: Defence Studies Disaster Management (Part I)

Course Outcomes

After undergoing this paper students will be in position to understand the meaning and concepts of Disaster, hazards and vulnerability. Students will also acquire knowledge on geo-strategy of India.

Theory - (Credit -2)	**Distribution of marks according the University rule.**

Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	Our Earth: An Introduction	6
Unit – II	Meaning, Definitions, nature and characteristics of Disaster, Causes and effects, Trends of Disasters.	6
Unit – III	Meaning of Hazard, Hazard Risk, Difference Between Disaster and Hazard, Extra Terrestrial Hazards.	6
Unit – IV	Disaster Vulnerability, Poverty, Socio-Economic and Political Factors of Disaster Vulnerability, Types of Disaster Vulnerability.	6
Unit – V	Environmental Degradation.	6

BOOKS SUGGESTED

1. An Introduction to Disaster Management: Natural Disasters and Man made Hazards, S. Vaidyanathan, C. B. S. Publishers and Distributors Pvt. Ltd., New Delhi.
2. Disaster Management, H. S. Garg, SBPD Publication, Agra (Hindi).
3. Disaster Management, P. S. Negi, Adhyyan Books, New Delhi (Hindi).
4. Prakritik Aapda Karan evm Bachav, Harishchandra Singh, Greenleaf Publication, Varanasi (Hindi).
5. Disaster Management, Nikuj Kumar, alfa Publications, New Delhi.
6. Natural Hazards, K. K. Paanchal, Discovery Publishing House, New Delhi (Hindi).
7. Natural Hazards and Disaster Management: Vulnerability and Mitigation, R. B. Singh, Rawat Publications, New Delhi.
8. Disaster Management, Savindra Singh, Pravalika Publications, Prayagraj.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES
B.A./B.Sc. Defence and Strategic Studies
DISCIPLINE SPECIFIC CORE COURSE (DSC) The Art of Warfare in India (Part I)

Programme: Under Graduate in Arts/Science	Year: I	Semester: II
Subject: Defence and Strategic Studies	**Course Code:**	**Course Title: The** Art of Warfare in India (Part I)

Course Outcomes

This paper attempts to familiarize the students with the art of war in India. It is to establish that the art of warfare changes with changes in political governance, nature of threat, and weapon systems.

Theory- (Credit-3)	**Distribution of marks according the University rule**
Total No. of Lectures – Tutorials – Practical (in hours per week): 4-0-0	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	1. Military System in Vedic and Epic Period 2. Indo-Greek art of war with special reference to the Battle of Hydaspes 326 B.C.	10
Unit – II	3. Kautilya's Philosophy of war: Military Organization, art of war and interstate relations. 4. Maurya Military System as described by Greek historians.	10
Unit – III	5. Hindu Military System during the age of Guptas and Harshvardhana Period. 6. Turk and Rajput Military system with Particular Reference to the Battle of Terrain (1191 A.D. & 1192 A.D.)	9
Unit – IV	7. The Mughal Military System with Particular reference to the first Battle of Panipat (1526A.D.) 8. The Maratha Military System with special reference to the third Battle of Panipat (1761A.D.)	10
Unit – V	9. Sikh Military System with Special reference to the Battle of Sobraon (10 Feb.1846 A.D.)	6
Practical (Credit-1)	**Course Title: Basics of Operational Exercise-II** 1. **North**: Types of North and finding out True North; The Pole Star Method; The equal altitude method; Watch method & Compass method. 2. **Scale:** Definition, Methods of representing Scale: Inter conversion of scale into Representative Fraction, construction of simple scale line and the comparative scale lines. 3. **Bearing**: Definition, Inter Conversion of Bearing in Detail. 4. **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.	30

BOOKS SUGGESTED

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

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES
B.A./B.Sc. Defence and Strategic Studies
GENERIC ELECTIVE (GE)- Science and Technology in Relation to Warfare

Programme: Under Graduate in Arts/Science	Year: I	Semester: II
Subject: Defence and Strategic Studies	**Course Code:**	**Course Title:** Science and Technology in Relation to Warfare

Course Outcomes

At the end of this course, students 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.

Theory- (Credit-4)	**Distribution of marks according the University rule.**

Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	**Course Content:** Terrorism	Lectures
Unit – I	Evolution of Science and Technology- (1) Impact of Science and Technology on Society and Warfare e) Impact of Science and Technology on National Security	12
Unit – II	Emergence of New Technology- (1) New Military Technology in Land Warfare (2) New Military Technology in Air Warfare f) New Military Technology in Naval Warfare	12
Unit – III	Revolution in Military Affairs (RMA)- (1) The Military Revolution in Land Warfare (2) The Military Revolution in Air Warfare g) The Military Revolution in Naval Warfare	12
Unit – IV	Electronic Warfare: Concept and Applications- (1) Ballistic Missile Defence: Concept and Applications h) Ballistic Missile Defence Program in India	12
Unit – V	Transfer of Technology- (1) International Interdependences (2) Role of Multinational Corporation Defence R&D and Defence Production in India	12

S. Pandey

BOOKS SUGGESTED

1. सिंह डॉ.एल.जे. एवं रावत दिने । कुमार (2025). युद्ध के सम्बन्धों में विज्ञान और प्रौद्योगिकी, प्रका । बुक डिपो, बरेली।
2. Arcangelis, Mariode, (1990) Electronics Warfare, Ratna, New Delhi.
3. Rehman, A. (1972) Science Technology and Society, People's Publishing House, New Delhi.
4. Anand. A. (2003) Information Technology: The future warfare weapons, Ocean Books, New Delhi.
5. Johan Erickson (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 Publications House, Bombay.
8. Rajan, Y.S. (2001) Empowering India (with Economic Business & Technological strengths for the twenty First Century), Har Anand Publications,New Delhi.
9. Robert H. Latiff, (2017) Future war: Preparing for the new global battlefield, Penguin Random House, New York.
10. Singer, H.W., (1988) Technology Transfer by Multinational Vol. I& II, Ashish Publishing House, New Delhi.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES
B.A./B.Sc. Defence and Strategic Studies

SKILL ENHANCEMENT COURSE (SEC) Defence Studies Disaster Management (Part I)

Programme: Under Graduate in Arts/Science	Year: I	Semester: II
Subject: Defence and Strategic Studies	Course Code:	Course Title: Defence Studies Disaster Management (Part II)

Course Outcomes

Students will Develop an understanding about the various types of disasters and Disasters caused by WMD, Disaster's in Himalayan States and Terrorism as a national and international disaster.

Theory-Credit-2)	**Distribution of marks according the University rule.**

Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 cre practical**

Unit	Course Content	Lectures
Unit – I	Types of Disaster: Natural Disaster and Human induced Disaster.	6
Unit – II	Natural Disaster: Floods, Landslides, Drought, Cyclone and Earthquake, Man-made Disaster: Causes of Man-made Disaster.	6
Unit – III	Nuclear Accidents: Chernobyl and Fukushima, Fire, Bhopal Gas Tragedy etc., WMD Disaster's: Chemical, Biological and Radiological Disaster.	6
Unit – IV	Disasters in Himalayan States special reference to Uttarakhand.	6
Unit – V	Terrorism and Disaster: Challenges to national and international peace.	6

BOOKS SUGGESTED

1. Disaster Management in India, Sunil R Hegde, Notion Press, New Delhi.
2. Natural Hazards, K. K. Paanchal, Discovery Publishing House, New Delhi (Hindi).
3. Prakritik Aapda Karan evm Bachav, Harishchandra Singh, Greenleaf Publication, Varanasi (Hindi).
4. Paryawaran Adhyyan, A. Kaushik&C.P. Kaushik, New Age International(P) Ltd.,New Delhi(Hindi).
5. Silent Warfare Managing Nuclear Chemical Biological (WMD) Disasters, Brig. H. K. Kar, Manas Publications, New Delhi.
6. Disater Management in the Complex Himalayan Terrains, Shruti Kanga & others, Springer Nature Switzerland AG 2022.
7. Disaster Management, P. S. Negi, Adhyyan Books, New Delhi (Hindi).
8. Aatankwad wa Aapda Prabandhan, S. K. Mishr, Radha Publications, New Delhi (Hindi).
9. Disaster Management, H.S. Garg, SBPD Publication, Agra (Hindi).

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence Strategic Studies

(Semester III and IV)

Sem	Core Discipline Specific Course (DSC) 4	Discipline Elective Course (DSE) 4	Ability Enhancement Course (AEC) 2	Skill Enhancement Course (SEC) 2	Internship/ Apprenticeship/Project (IAPC) (2)	Value Added Course (VAC) 2
III	DSC **Theory (3)- The Art of Warfare in India (Part II)** **Practical (1) – Basics of Operational Exercise - III**	Choose one from pool of courses, DSE – 1 (4) DSE- **Indian Defence Mechanism (Part I)** DSE – **India's Maritime Security** OR Choose one from pool of courses, GE -3 (4) **Disarmament and Arms Contro**	Choose one from a pool of AEC courses (2)	Choose one SEC **Defence Studies Disaster Management (Part III)**		Choose one from a pool of courses (2)
IV	DSC **Theory (3) Netional Security - Practical (1) Basics of Operational Exercise - IV**	Choose one from pool of courses, DSE – 2 (4) DSE – **Indian Defence Mechanism (Part II)** DSE- **Military Geography** OR in the alternative choose one from pool of courses GE - 4 (4) GE- **Defence Journalism**	Choose one from a pool of AEC courses (2)	Choose one SEC **Defence Studies Disaster Management (Part IV)**		Choose one from a pool of courses (2)
	Students on exit shall be awarded Undergraduate Diploma (in the Field of Study/ Discipline) after securing the requisi 88 credits					

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence and Strategic Studies

DISCIPLINE SPECIFIC CORE COURSE (DSC) The Art of Warfare in India (Part II)

Programme: Under Graduate in Arts/Science	Year: II	Semester: III
Subject: Defence and Strategic Studies	Course Code:	Course Title: The Art of Warfare in India (Part II)

Course Outcomes

The object of the Paper is to enable the student to grasp the essential fist war of Independence and how armed forces of our country are organized.

Theory- (Credit-3)	Distribution of marks according the University rule.
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	15 hrs for 1 credit theory, 30 hrs for 1 credit practical

Unit	Course Content	Lectures
Unit – I	Development of Presidency Army under East India Company, Anglo Maratha War with reference to Battle of Assaye 1803 A.D.	4
Unit – II	The first War of Independence 1857 A.D. Amalgamation of Presidency Armies and Kitchner's Reforms.	10
Unit – III	Reorganization of Indian Army Under the Crown Indianization and Partition of Armed Forces.	10
Unit – IV	India's War Post Independence (In Brief)- 1. India-Pakistan War 1947-48 2. India - China War 1962 3. Indo-Pak War 1965 4. Liberation of Bangladesh of 1971 5. Kargil Conflict of 1999	15
Unit – V	Political and Military lessons of Conflict with Pakistan and China	6
Practical (Credit-1)	**Course Title: Basics of Operational Exercise-III** 1. Service Protractor: Its types and uses. 2. To find out the bearing of a point from other point situated on the ground. 3. Relief Features and their representation on the map. 4. Types of Slopes and their representation on the map	30

BOOKS SUGGESTED

1. Das, S.T., Indian Military: Its History and Development, Allahabad: KitabMahal,1979.
2. Majumdar, R.C., An Advanced History of India, New York: St.Martin, 1967.
4. Malleson, G.B., The Decisive Battles of India, London:W H.Allen, 1885
5. Roy, Koushik., From Hydespas to Kargil: A History of Warfare in India from 326 B.C. to A.D 1999, Delhi: Manohar, 2004.
6. Sarkar, Jadunath., Military History of India, Bombay: Orient Longmans, 1970.
7. Saxena, K.L.M., Military System of India-1850-1900, Delhi'1976.
8. Singh, L.J., Indian Military History (Hindi).
9. Singh, L.J., Kautilya's Philosophy of War (Hindi).
10. Tandan, Aggarwal, Singh, Bharatiya Yudh Kala (Hindi).
11. V.R.R. Dikshitar, Wars in Ancient India, 1948.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES
B.A./B.Sc. Defence and Strategic Studies
DISCIPLINE SPECIFIC ELECTIVE (DSE) Indian Defence Mechanism (Part I)

Programme: Under Graduate in Arts/Science	Year: II	Semester: III
Subject: Defence and Strategic Studies	Course Code:	Course Title: Indian Defence Mechanism (Part I)

Course Outcomes
Students will learn about the defence mechanism of India and evaluate its strengths and weaknesses.

Theory- (Credit-4)	**Distribution of marks according the University rule.**

Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	Parliament and Armed Forces Power of the President of India in relation to Armed Forces Role and function of Ministry of Defence.	12
Unit – II	Composition and function of Cabinet Committee on Security, NSC, NSAB. Chief of Staff and Joint Service Organization,	12
Unit – III	Role and function of Chief of Defence Staff (CDS) Recruitment methods for Defence Services.	12
Unit – IV	Important training Institution of the Three Services. Second Line of Defence (introduction of BSF, CG, CISF, RR, ITBP, SSB)	12
Unit – V	Organization of Army, Air force, Naval Headquarters. Static and Field formation of Indian Army, Air Force, Navy.	12

BOOKS SUGGESTED

1. Government of India, The Army of India and its Evolution, Calcutta, 1924.
2. Ministry of Defence, Government of India,
3. Indian Armed Forces Year Book, (Annual).
4. Palit, D.K., Essentials of Military Knowledge, (New Delhi:1989)
5. Singh, L.J., Defence Mechanism of Modern State (Hindi).
6. Singh, Nagendra., Defence Mechanism of Modern State, (New Delhi:1967).
7. Venkateswaran, A.L., Defence Organisation in India, New Delhi: Government of India, 1967.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES
B.A./B.Sc. Defence and Strategic Studies
DISCIPLINE SPECIFIC ELECTIVE (DSE) India's Maritime Security

Programme: Under Graduate in Arts/Science	Year: II	Semester: III
Subject: Defence and Strategic Studies	Course Code:	Course Title: India's Maritime Security

Course Outcomes

After undergoing this Course, a student will be in a position to -

- Realize the importance of oceans for a state in terms of its survival and sustenance, especially India being a peninsular country.
- Besides, also get exposure on various threats emanating from the seas; and
- Also understand and realize various existing policy measures and mechanisms to handle the threats from the sea.

Theory- (Credit-4)	**Distribution of marks according the University rule.**
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	Geo-political and geo-strategic significance of Indian Ocean. Economic significance of Indian Ocean region.	15
Unit – II	Regional conflicts in Indian Ocean Region. Extra-regional powers' interests and involvement in Indian Ocean.	15
Unit – III	India's strategic perspective in Indian Ocean. India's maritime interests in Indian Ocean.	15
Unit – IV	India's threat perceptions in Indian Ocean.	8
Unit – V	India's maritime/naval capabilities.	7

BOOKS SUGGESTED

1. Chaudhury Rahul Roy, (1995) Sea power and Indian security, Brassey's, London.
2. Chaudhury Rahul Roy, (2000), India's Maritime Security, Knowledge World, New Delhi.
3. C. Uday Bhaskar, and Cdr KK Agnihotri, (2011) Security Challenges along the Indian Ocean Littoral, Indian and US Perspectives, National Maritime Foundation, New Delhi.
4. K. M Panikkar, (1951), India and the Indian Ocean, Allen & Unwin, London.
5. Martin,L.W. (1967), Sea in modern strategy, Chatto & Windus.
6. Mishra R.N, (1986), Indian Ocean and India's Security, Mittal Publications, New Delhi.
7. Naidu, GVC, (2000) Indian Navy and Southeast Asia, IDSA, New Delhi.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence and Strategic Studies

GENERIC ELECTIVE (GE) Disarmament and Arms Control

Programme: Under Graduate in Arts/Science	Year: II	Semester: III
Subject: Defence and Strategic Studies	Course Code:	Course Title: Disarmament and Arms Control

Course Outcomes
Arms Control Efforts from the formation of nation, State system is attempted in this paper. Efforts towards disarmament gained momentum after the Second World War which is portrayed in this paper.

Theory-(Credit-4)	Distribution of marks according the University rule.
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	15 hrs for 1 credit theory, 30 hrs for 1 credit practical

Unit	Course Content	Lectures
Unit – I	**1. Introduction** a) Definition of Arms Control, Arms Limitations, Arms Reduction and Arms Trade. b) Differences between Arms Control, Arms Limitations, Arms Reduction and Arms Trade. c) Nature and Scope of Arms Control and Disarmament.	15
Unit – II	**2. From Treaty of Westphalia to World War – II** a) Efforts towards Disarmament from Treaty of Westphalia 1648 to the Outbreak of World War I b) Efforts towards Disarmament from World War I to the outbreak of World War II.	15
Unit – III	**3. UN and Disarmament** a) UN's Perception on Disarmament and Arms Control. b) Major efforts till the Disarmament Decade. c) Causes and failures.	10
Unit – IV	**4. Disarmament Efforts – Success Story** a) PTBT, NPT b) SALT I and II c) INF, START and Outer space.	10
Unit – V	**5. Disarmament Efforts by Other Bodies** a) NAM b) Nuclear Free Zones c) Efforts of India	10

BOOKS SUGGESTED

1. Bhattachatyya, D.C., International Relations Since the Twentieth Century, Kolkata: Vijoya Publishing House, 2001.
2. Cohen, S.P., Nuclear Proliferation in South Asia: The Prospects for Arms Control, New Delhi: Lancer, 1994.
3. Mistry, D., Containing Strategic Missile Proliferation, Seattle: University of Washington Press, 2005.
4. Pande, S., CTBT: India and the Nuclear Test Ban Treaty, New Delhi: Cosmo, 1994, Pande, S., Future of NPT, New Delhi: Lancer,1995.
5. Singh, L.J., Armaments and World Peace (Hindi).
6. Singh, L.J., Problems of War and Peace (Hindi).
7. Singh, L.J., Study of War (Hindi).
8. Subramaniam, K., Nuclear Proliferation and International Security, New Delhi: Lancer,1986.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence and Strategic Studies

SKILL ENHANCEMENT (SEC) Defence Studies Disaster Management (Part III)

Programme: Under Graduate in Arts/Science	Year: II	Semester: III
Subject: Defence and Strategic Studies	Course Code:	Course Title: Defence Studies Disaster Management (Part III)

Course Outcomes

After successful completion of the course, the students are able to understand the stages of Disaster and their management. Acquire knowledge on disaster prevention, preparedness, mitigation etc. To understand Rehabilitation, Reconstruction and Recovery in the event of Disaster and also acquire knowledge about IT and modern technologies used in disaster management.

Theory- (Credit-2)	**Distribution of marks according the University rule.**
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	Disaster Management Cycle: Paradigm shift in Disaster Management, Pre and Post Disaster Management.	6
Unit – II	Disaster Preparedness: Concept and Nature, measures of Disaster Preparedness, Preparedness for people and infrastructure, Prevention: meaning, concept and nature of prevention.	6
Unit – III	Disaster Response: Meaning, Aims, importance and issues in Disaster Response, Disaster Mitigation: meaning, concept, importance and types of mitigation, Emerging trends in Disaster Mitigation, Mitigation Management.	6
Unit – IV	Recovery Measures and long- term Recovery, Reconstruction and Rehabilitation as means of development, Relief Management.	6
Unit – V	Role of Information Technology in Disaster Preparedness, Application of Modern Technologies for the Emergency Communication.	6

BOOKS SUGGESTED

1. Disaters: Strengthening community Mitigation and Preparedness, B. K. Khanna & Nina Khanna, New India Publishing Agency, New Delhi.
2. Prakritik Aapda Karan evm Bachav, Harishchandra Singh, Greenleaf Publication, Varanasi (Hindi).
3. Disaster Management, P. S. Negi, Adhyyan Books, New Delhi (Hindi).
4. Aatankwad wa Aapda Prabandhan, S. K. Mishr, Radha Publications, New Delhi (Hindi).
5. Disaster Management, H. S. Garg, SBPD Publication, Agra (Hindi).
6. Disaster Management, Harsh K Gupta, Universities Press, New Delhi.
7. Disaster Management, R Subramanian, Vikas Publishing House, New Delhi.
8. Disaster Management and Information Technology Professional Response and Recovery Management in the Age of Disasters, Hans Jochen Scholl,Eric E. Holdeman, F. Kees Boersma, Springer Publication.
9. Improving Disaster Management, The Role of IT in Mitigation, Preparedness, Response, and Recovery, Ramesh R. Rao, Jon Eisenberg, and Ted Schmitt, THE NATIONAL ACADEMIES PRESS, Washington, D.C

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence and Strategic Studies

DISCIPLINE SPECIFIC CORE COURSE (DSC) National Security

Programme: Under Graduate in Arts/Science	Year: II	Semester: IV
Subject: Defence and Strategic Studies	Course Code:	Course Title: National Security

Course Outcomes

To develop special subject knowledge on the vital concept of National Security and the approaches to achieve National Security

Theory- (Credit-3)	Distribution of marks according the University rule.	
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1		15 hrs for 1 credit theory, 30 hrs for 1 credit practical

Unit	Course Content	Lectures
Unit – I	1. Definition, Scope and features of the concept of National Security. 2. Concept of National Power – Tangible and Intangible elements.	6
Unit – II	3. Definition, Meaning, Scope & Determinants of Defence policy. 4. Definition, Meaning, Scope & Determinants of foreign policy. 5. Linkage between foreign policy and Defence Policy	10
Unit – III	Concept and Models of International security: - Balance of Power, Collective security & non-alignment deterrence. Terrorism: Concept and Dimensions.	10
Unit – IV	Meaning and definition of Threats. Threats Perception. Types of threats and threats to India.	10
Unit – V	India's nuclear policy. India's nuclear options in a nuclearized world.	9
Practical (Credit-1)	**Course Title: Basics of Operational Exercise-IV** 1. Inter visibility – Determination of inter visibility in case of rise or fall of slope. 2. Elementary Knowledge of – Rank Structure of the three Services 3. Detailed Study of an Infantry platoon including Organization Weapons and Equipment's. 4. Study of Field Craft with reference to the following: a) Ground b) Cover c) Camouflage d) Concealment e) Observation	30

BOOKS SUGGESTED

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

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence and Strategic Studies

DISCIPLINE SPECIFIC ELECTIVE (DSE) Indian Defence Mechanism (Part II)

Programme: Under Graduate in Arts/Science	Year: II	Semester: IV
Subject: Defence and Strategic Studies	Course Code:	Course Title: Indian Defence Mechanism (Part II)

Course Outcomes

Students will learn about the defence mechanism of India and evaluate its strengths and weaknesses.

Theory- (Credit-4)	Distribution of marks according the University rule.
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	15 hrs for 1 credit theory, 30 hrs for 1 credit practical

Unit	Course Content	Lectures
Unit – I	Cooperation between Armed forces and Civil Authorities a. Maintenance of Law and Order b. Flood Relief Operation c. Rescue and Relief Operation	15
Unit – II	India's Defence Cooperation with Foreign Countries a. Defence Diplomacy b. Cooperation on capacity building and training c. Defence Partnership with major powers	15
Unit – III	Role of Defence Industries in India (in brief)- Automobile Industries Air Craft Industries Ordinance Factories	15
Unit – IV	Intelligence Agencies: Their Organization Role of Intelligence Agencies and their Problems	10
Unit – V	Defence Intelligence Agency (DIA) RAW& IB	5

BOOKS SUGGESTED

1. Government of India, The Army of India and its Evolution, Calcutta, 1924.
2. Ministry of Defence, Government of India,
3. Indian Armed Forces Year Book, (Annual).
4. Palit, D.K., Essentials of Military Knowledge, (New Delhi:1989)
5. Singh, L.J., Defence Mechanism of Modern State (Hindi).
6. Singh, Nagendra., Defence Mechanism of Modern State, (New Delhi:1967).
7. Venkateswaran, A.L., Defence Organization in India, New Delhi: Government of India, 1967.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence and Strategic Studies

DISCIPLINE SPECIFIC ELECTIVE (DSE) Military Geography

Programme: Under Graduate in Arts/Science	Year: II	Semester: IV
Subject: Defence and Strategic Studies	Course Code:	Course Title: Military Geography

Course Outcomes

The paper attempts to understand the military geography, its evolution and Indian foreign policy with applied military geography.

Theory- (Credit-4)	Distribution of marks according the University rule.
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	15 hrs for 1 credit theory, 30 hrs for 1 credit practical

Unit	Course Content	Lectures
Unit – I	1. Introduction a) Meaning and nature of Military Geography. b) Scope of Military Geography. c) Elements of Military Geography- Earth size, shape, location, climate, topography and population.	12
Unit – II	2. Evolution of Military Geography. a) History and Development. b) Founders of Military Geography - F. Ratzal, A.T. Mahan, c) Sir. Halfred Mackinder, Karl Haushofer, N.J. Spykman.	12
Unit – III	3. Inter-State relations and Geographical factors. a) Frontiers and Boundaries- meaning and differences; types; boundary making and function. b) Communication routes- land, sea and aerial- strategic scope. c) Population and Power.	12
Unit – IV	4. Geography and Foreign Policy of India. a) India's Geo-strategic significance-location, size, shape, climate, topography, resources. b) India's borders- nature and characteristics of land border; maritime boundary. c) Indian Ocean territory and strategic significance.	112
Unit – V	5. Applied Military Geography. a) Global Positioning System (GPS). b) Global Information System (GIS). c) Remote Sensing.	12

BOOKS SUGGESTED

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

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence and Strategic Studies

GENERIC ELECTIVE (GE) Defence Journalism

Programme: Under Graduate in Arts/Science	Year: II	Semester: IV
Subject: Defence and Strategic Studies	Course Code:	Course Title: Defence Journalism

Course Outcomes

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

- Understand how the media whether print or visual shall report aspects of defence and national security for international community in general and state in particular.
- Differentiate between Civil Journalism & Defence journalism; and
- Media Ethics and Media Laws besides getting exposure to the practical aspects of defence journalism.

Theory- (Credit-4)	**Distribution of marks according the University rule.**
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	Basic of Journalism- 1. Meaning, Definition and Concept of Journalism 2. Qualities of Journalism 3. Ethics of Journalism	12
Unit – II	Defining News- 1. The ingredients of News 2. Sources of News 3. Reporting	12
Unit – III	News Content- 1. Head lines 2. Columns 3. Features (Art, Entertainment, Sports etc.)	12
Unit – IV	New writing procedures- 1. The Paper and Heading 2. Brief Paragraphing and Readability 3. Unusual or Incorrect material	12
Unit – V	Newspaper- 1. Making up the newspaper and aids to clarity 2. Editorials 3. Editorial policy	12

Suggested Readings

1. Menon, P.K. Practical Journalism, Avishkar publishers and Distributers, Jaipur, 2005
2. Dhara, R. Journalism, Industry Publishers, Calcutta, 1945
3. Basu, R.N., News reporting, Avishkar publishers and Distributers, Jaipur, 2005

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc Defence and Strategic Studies

SKILL ENHANCEMENT (SEC) Defence Studies Disaster Management (Part IV)

Programme: Under Graduate in Arts/Science	Year: II	Semester: IV
Subject: Defence and Strategic Studies	Course Code:	Course Title: Defence Studies Disaster Management (Part IV)

Course Outcomes

To provide students an understanding the need for studying the disaster management. To create awareness about disaster prevention and risk reduction. To establish relationship between disasters and developments. To gain knowledge on disaster management and Role of Information and Communication Technology in India to prevent Disaster's.

Theory- (Credit-2)	**Distribution of marks according the University rule.**
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	Basic principles of Disaster Management, Disaster Management Policy's. Community Based Disaster Management, Principles of Community Based Disaster Management.	6
Unit – II	Disaster Management in India: National Policy on Disaster Management, Disaster Management Act 2005- Institutional and Financial Mechanism, National Disaster Management Authority.	6
Unit – III	Role and Responsibilities of Local, State and Central administration, Role and Responsibilities of Police, Para military and Armed Forces.	6
Unit – IV	International Agencies, NGO's, Community Based Organization their role and responsibilities.	6
Unit – V	Role of Information and Communication Technology in Disaster Management, Early Warning Systems, Indian National Centre for Ocean Information Services.	6

BOOKS SUGGESTED

1. Aapda Prabandhan, Chandra Prakash Shukl, Aavishkar Publisher's, New Delhi (Hindi).
2. Disaster Management in India, evolution of Institutional Arrangements and Operational Strategies, Mohan Kanda, Bio-Green Books, New Delhi.
3. Aapda Prabandhan, Shivgopal Mishr, Prabhat Prakashan Pvt. Ltd., New Delhi (Hindi).
4. Disaster Management and Information Technology Professional Response and Recovery Management in the Age of Disasters, Hans Jochen Scholl,Eric E. Holdeman,F. Kees Boersma, Springer Publication.
5. Disaster Management, H. S. Garg, SBPD Publication, Agra (Hindi).
6. Prakritik Aapda Karan evm Bachav, Harishchandra Singh, Greenleaf Publication, Varanasi (Hindi).
7. Disaster Management in India, Sunil R Hegde, Notion Press, New Delhi.
8. Disaster Management, P. S. Negi, Adhyyan Books, New Delhi (Hindi).
9. Disaster Management, Harsh K Gupta, Universities Press, New Delhi.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc Defence Strategic Studies

(Semester V and VI)

Sem.	Core Discipline Specific Course (DSC) 4	Discipline Specific Elective (DSE) 4	Generic Enhance 4	Skill Enhancement Course (SEC) 2	Internship/ Apprentice ship/Project (IAPC) (2)	Value Added Course (VAC) 2	Total Credits
V	DSC **Theory - (3)- Military Thinkers Practical (1)- Basics of Operational Exercise - V**	Choose one from a pool of courses DSE - 3 (4) DSE- **Military History of Uttarakhand (PartI)** DSE- **Modern warfare**	Choose one from a pool of courses GE (4) **Introduction to Information and Cyber Security**		Choose one SEC OR Internship/Apprentice ship/ Project/Community Outreach (IAPC) (2)*		22
VI	DSC **Theory-(3) – International Relation and Organization Practical (1) – Basics of Operational Exercise - VI**	Choose one from a pool of courses DSE - 4 (4) DSE- **Military History of Uttarakhand (Part II)** DSE- **Regional Security and Cooperation**	Choose one from a pool of courses GE (4) GE- **1. Inter National Terrorism 2. Conflict and Media**		Choose one SEC OR Internship/Apprentice ship/ Project/Community Outreach (IAPC) (2)*		22
	Students on exit shall be awarded Bachelor of (in the Field of Study/Discipline) Honours (3 years) after securing the requisite 132 credits on completion of Semester VI						**Total 132**

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES
B.A./B.Sc Defence and Strategic Studies
DISCIPLINE SPECIFIC CORE COURSE (DSC) Military Thinkers

Programme: Under Graduate in Arts/Science	Year: III	Semester: V
Subject: Defence and Strategic Studies	Course Code:	Course Title: Military Thinkers

Course Outcomes

The paper provides basic knowledge about the concepts of selected strategic thinkers and their relevance even during the present times. To make the students realize the value of strategic thought in policy formation.

Theory- (Credit-3)	**Distribution of marks according the University rule.**
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	Kautilya's philosophy of war. Concepts of Machiavelli	10
Unit – II	Concepts of Clausewitz Concepts of Jomini. J.F.C. Fuller B.H. Liddle Hart	10
Unit – III	A.T. Mohan: Theory of Sea Power. Douhet Theory of Air Power.	10
Unit – IV	Hitler: The Nazi Concept of war. Karl Marx Mao-Tse-Tung.	6
Unit – V	The Impact of nuclear weapons on Strategy. Strategy of deterrence Concept of Non-violence by Gandhi.	9
Practical (Credit-1)	**Course Title: Basics of Operational Exercise – V** 1. Fire Discipline 2. Description of Ground 3. Judging Distance 4. Indication and Recognition to Targes	30

BOOKS SUGGESTED

1. Adhikari, S., Strategic Chintan (Hindi).
2. E.M. Earle (ed), Makers of Modern Strategy: Military Thought from Machiavelli to Hitler, 1948.
3. Fuller, J.F.C., The Foundations of the Science of War (London, 1925).
4. Murray, Williamson, Knox, MacGregor, and Bernstein, Alvin (eds.) The Making of Strategy.(Cambridge,1994).
5. Paret, Peter (ed.), Makers of Modern Strategy, (Princeton 1986)11.
6. Singh, L.J., Kautilya's Philosophy of War.
7. LJ Saingh, Strategic Chintak (Hindi).
8. Adhikari S. Strategic Chintan (Hindi).
9. Tripathi,K.S., Evolution of Nuclear Strategy, (Delhi,1980).

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc Defence and Strategic Studies

DISCIPLINE SPECIFIC ELECTIVE (DSE) Military History of Uttarakhand (Part I)

Programme: Under Graduate in Arts/Science	Year: III	Semester: V
Subject: Defence and Strategic Studies	Course Code:	Course Title: Military History of Uttarakhand (Part I)

Course Outcomes

Student will Learn about the most important Himalayan State of India i.e. Uttarakhand and It's Military Significance.

Theory- (Credit-4)	Distribution of marks according the University rule.
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	15 hrs for 1 credit theory, 30 hrs for 1 credit practical

Unit	Course Content	Lectures
Unit – I	History of Uttarakhand.	15
Unit – II	Geo Strategic Importance-Geographical location and Extensions. Popular Dynasty of Uttarakhand.	15
Unit – III	Invasion of Rohilaas Invasion of Gurkhas (with special reference to Battle of Khurbura).	15
Unit – IV	Introduction of British Rule in Uttarakhand. Role of Freedom fighters and Azad Hind Fauz in Independence.	15

BOOKS SUGGESTED

1. Ajay Arora, Administrative History of Uttarakhand (Kumaon and Garhwal) During the rule of East India Company 1815-1857.
2. Pandit Om Khanduri, Uttarakhand- Uttaranchal Itihas adi Madhya aur Vartman.
3. Ghanshyam Joshi, Uttarakhand Ka Rajneetik Samajik evm Sanskritik Itihas Edition IV(Hindi).
4. Brigadier Rajendra Singh, History of Indian Army.
5. Jasbir Singh, Roar of the Tiger Illustrated History of Operations in Kashmir by 4th Battalion Kumaon Regiment in 1965 War.
6. Azad Hind Fauz, Fulnaath Shukla, First Edition 2012, Prakash Book Depo,Bada Bazar, Bareilly.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc Defence and Strategic Studies

DISCIPLINE SPECIFIC ELECTIVE (DSE) Modern warfare

Programme: Under Graduate in Arts/Science	Year: III	Semester: V
Subject: Defence and Strategic Studies	Course Code:	Course Title: Modern warfare

Course Outcomes

Course out Comes: Student will Learn about the various types of warfare that are taught in the world. Goal is to understand the different types of war waged by nations at large.

Theory- (Credit-4)	**Distribution of marks according the University rule.**

Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	Introduction, Meaning & Scop of War. Evolution of War and Types of War	10
Unit – II	Elements of Total Features of Modern War Impact of Total War on Society	12
Unit – III	Psychological Warfare Economic Warfare	12
Unit – IV	Guerilla Warfare: Objective & Characteristics. Insurgency and Counter Insurgency.	12
Unit – V	Concept and Origin of Nuclear Warfare. Theories of Nuclear Strategy. Use of Atom Bomb and Impact. Nuclear War and Tactics.	14

BOOKS SUGGESTED

1. Asprey, R.B., War in the Shadows (London,1975)
2. Brig. A.A.K. Choudary, September, 1965, Karachi: Oxford University Press, 1990.
3. Brig. John, P. Dalvi, Himalayan Blunder, New Delhi: Nataraj, 1967.
4. Brown, F.J., Chemical Warfare: A Study in Restraint, (Princeton,1968)
5. Fairbairn, G., Revolutionary Guerilla Warfare (Harmondsworth,1974)
6. Gaurav, G. Sawant, Dateline Kargil, New Delhi: Vikas, 2007.
7. Gen. V.P. Malik, Kargil: From Surprise yo Victory, New Delhi: Harper & Collins, 2006.
8. Herbert Feis, The Atomic Bomb and the End of World War II (Princeton, 1966)
9. Kaul, B. N., Untold Story, Delhi: Allied,1967.
10. Lawrence Freeman, The Evolution of Nuclear Strategy (London,1981)
11. Lt. Gen. J. F. R. Jacob, Surrender of Dacca, New Delhi: Manohar, 1997.
12. Lt.Gen. A.A.K. Niazi. Betrayal of East Pakistan, Karachi: Oxford University Press, 1990.
13. Maj. Sitaram Johri, The Indo - Pakistan Conflict of 1965, Lucknow: Himalayas, 1967.
14. Maj. Gen. D. K. Palit, Lightening Campaign, New Delhi: Thompson Press, 1972.
15. Maliwal, B.N., Sthal Yuddh Kala.
16. Singh, L.J., Nature of War and North African Campaign (Hindi).
17. Sinha, S. K., Operation Rescue - Military Operations in J&K 1947-48, Delhi: Vision,1977.
18. SIPRI, The Problem of Chemical and Biological Warfare (4 Vols, New York, 1971)
19. The Kargil Committee Review Report, From Surprise to Reckoning, New Delhi: Sage, 2000.
20. Vice. Admiral N. Krishnan, No way but Surrender, Delhi: ABC Publishers, 1989.
21. Walter Laqueur, Guerilla, (London,1977)

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence and Strategic Studies

GENERIC ENHANCEMENT (GE) Introduction to Information and Cyber Security

Programme: Under Graduate in Arts/Science	Year: III	Semester: V
Subject: Defence and Strategic Studies	Course Code:	Course Title: Introduction to Information and Cyber Security

Course Outcomes

Paper disseminates the knowledge about the threats, preventions, laws and developments in cyber security.

Theory-(Credit-4)	Distribution of marks according the University rule.
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	15 hrs for 1 credit theory, 30 hrs for 1 credit practical

Unit	Course Content	Lectures
Unit – I	1. Information Security a) Classification System b) Protective Measures c) Investigations d) Responsibilities	15
Unit – II	2. Information Security Management a) Information Security and Personal Practices	15
Unit – III	3. Cyber Security a) Threats b) Counter Measures	15
Unit – IV	4. Laws of Cyber Security a) Indian Laws on Cyber Security b) Management of Cyber Security	15

Suggested Readings

1. Pavan Duggal, Textbook On Cyber Law, Universal Law Publishing co.; 2 edition, 2016
2. Aparna Viswanathan, Cyber Law- Indian And International Perspectives On Key Topics Including Data Security, E-Commerce, Cloud Computing And Cyber Crimes, Lexis Nexis; First edition 2012

Internship/Apprenticeship/Project/Community Outreach (IAPC)

Programme: Under Graduate in Arts	Year: III	Semester: V
Subject: Defence and Strategic Studies		
Course Code:	**Course Title:** Internship/Apprenticeship/Project/Community Outreach (IAPC)	
Outcome To learn how to write a project report based on research gap found during the literature survey or field observations made. Preparation of synopsis/outline will be also learned. Finally student will learn how to collect data and write a report based on the data analysis		
Credits: 02	Max. Marks: 100 (Evaluation by External & Internal Examiner) Dissertation: 75 Internal Assessment: Viva Voce + Attendance: 25 (20+5)	
The students will be required to select a topic and area of their interests with the help of their respective supervisors allotted to them by the Department. Research Project must be submitted to the Department one week before the commencement of the Theory Examinations. The size of the Dissertation normally ranges around 50 to 60 pages. The Research Project Dissertation will be evaluated by the external and internal examiners.		

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence and Strategic Studies

DISCIPLINE SPECIFIC CORE COURSE (DSC) International Relation and Organization

Programme: Under Graduate in Arts/Science	Year: III	Semester: VI
Subject: Defence and Strategic Studies	Course Code:	Course Title: International Relation and Organization

Course Outcomes

Student will Learn about the international relations and how nation-state system works, acquire competency in military and state - centric aspects of international relations and organization.

Theory- (Credit-3)	Distribution of marks according the University rule.

Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1 — **15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	1. Introduction, definitions, meaning, scope of international relation 2. Concepts of states, Nation, Nation –state	6
Unit – II	1. International Power Structure, Definition, Meaning, and Scope –Uni-Polar, Bi-Polar and Multi Polar 2. Diplomacy: Meaning, Definition, Object & Scope and Types of Diplomacy	10
Unit – III	1. Foreign Policy: Meaning, Definition, Determining Elements of Foreign Policy 2. National Interest- Meaning &Definition	10
Unit – IV	1. International Organization- Origin Growth & Function 2. The League of Nations-Origin, Organization, Functions and It's Failure	10
Unit – V	1. The UNO- Origin, Aim, Structure, Scope and Function 2. India's Claim for Permanent membership in the Security Council	9
Practical (Credit -1)	**Course Title: Basics of Operational Exercise – VI** 1. Fire Control Orders 2. Tactical Formations 3. Massage Forms 4. Patrol and Patrolling	30

BOOKS SUGGESTED

1. War and Peace – Aron, R.
2. Making of the foreign Policy – Frankel, J.
3. Foreign Policy of the world – Thompson, D.
4. Problem of the International Relations – Gibbs, G.
5. Politics Among Nations – Hans, G. Morgenthau
6. International Relation – P.D. Sharma
7. International Politics in Atomic Age – J. H. Herz
8. The Impact of War on International Relations Since 1945 – Lallanji Singh, (Prakash Book Depot, Bareilly 243003)
9. Theoretical Aspects of International Politics – Mahendra Kumar
10. Essays in Politics and International Relations – A. Appadorai
11. Contemporary Theories in International Relations – Hofman
12. Game Theories and the Analysis of International Conflict
13. Sustainable Development – D.D. Khanna 14. Defence Versus – D.D. Khanna
15. A Study of International Relations – Quincy Wright
16. Indo- U.S. Relations and Peace Prospects in South west Indian ocean – Agrwal A.
17. Indo Tibet Chaina Conflict – Lal, D.
18. International conflicts and Peace Making Porcess – Chandra S. ETC
19. Pakistan in Regional and Global Politics – Rajshree Jetly
20. U.S. Policy Towards South Asia with Spl. Reference to Indo Pak Politics – Aflab Alam
21. U.S. Military Aid to Pakistan and India Security – Aftab Alam
22. India's Foreign Policy – W. Chiman
23. The Impact of war on International Relation Since 1945 – Lallan ji Singh
24. National Defence and Security (P.C.S.) Lallan ji Singh

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc Defence and Strategic Studies

DISCIPLINE SPECIFIC ELECTIVE (DSE) Military History of Uttarakhand (Part II)

Programme: Under Graduate in Arts/Science	Year: III	Semester: VI
Subject: Defence and Strategic Studies	Course Code:	Course Title: Military History of Uttarakhand (Part II)

Course Outcomes

Student will Learn about the most important Himalayan State of India i.e. Uttarakhand and It's Military Significance.

Theory- (Credit-4)	**Distribution of marks according the University rule.**

Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	Rise of Military Culture and Valour in Uttarakhand- 1. Late. Subedar Balbhadra Singh Negi- Order of Merit. 2. Nayak Darban Singh Negi- Victoria Cross. 3. Sepoy Gabbar Singh Negi- Victoria Cross. 4. Havaldar Chandra Singh Garhwali (Peshawar Kand). 5. Major Shaitan Singh (Paramveer Chakra) 6. Major Somnath Sharma (Paramveer Chakra) 7. Jaswant Singh Rawat	15
Unit – II	1. Introduction to Garhwal Rifle. 2. Introduction to Kumaon Regiment.	15
Unit – III	1. Role of Garhwal Rifle during World War I & II. 2. Military Operations War Hero's and Battle Honors of Garhwal Rifle.	15
Unit – IV	1. Role of Kumaon Regiment in various operations. 2. War Hero's and Battle Honors of Kumaon Regiment.	15

BOOKS SUGGESTED

1. Ajay Arora, Administrative History of Uttarakhand (Kumaon and Garhwal) During the rule of East India Company 1815-1857.
2. Pandit Om Khanduri, Uttarakhand- Uttaranchal Itihas adi Madhya aur Vartman.
3. Ghanshyam Joshi, Uttarakhand Ka Rajneetik Samajik evm Sanskritik Itihas Edition IV(Hindi).
4. Brigadier Rajendra Singh, History of Indian Army.
5. J P Dalvi, Himalyan Blunder, The Curtain Raiser to the Sino Indian War 1962.
6. DH Drake Brockman, With the Royal Garhwal Rifles in the Great War from August 1914 to November 1971.
7. Jasbir Singh, Roar of the Tiger Illustrated History of Operations in Kashmir by 4th Battalion Kumaon Regiment in 1965 War.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence and Strategic Studies

DISCIPLINE SPECIFIC ELECTIVE (DSE) Regional Security and Cooperation

Programme: Under Graduate in Arts/Science	Year: III	Semester: VI
Subject: Defence and Strategic Studies	Course Code:	Course Title: Regional Security and Cooperation

Course Outcomes

After undergoing this Course, a student will be in a position to -

- Understand the theoretical dimensions of `Region' in International Relations.
- Conceptual Dimensions of Regional Security; Regional Cooperation and Military Alliances; and
- Students would get to understand nuances of regional cooperation, its benefits and drawbacks by learning various existing regional cooperative mechanisms across the globe.

Theory- (Credit-4)	**Distribution of marks according the University rule.**

Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	Theoretical dimensions of `Region' in International Relations. Regional Security; Regional Cooperation; and Military Alliances: Conceptual Dimensions, North Atlantic Treaty	12
Unit – II	Organization - (NATO): Aim, Organization and Working Association of South-East Asian Nations - (ASEAN): Concept, Objectives, Features, Problems & Achievements.	12
Unit – III	Shanghai Cooperation Organization (SCO) - Aim, Organization and Working. Non-aligned Movement (NAM): - History, Features, Problems, achievements and relevance in Contemporary period.	12
Unit – IV	South Asian Association for Regional Cooperation-(SAARC): Concept, Objectives, Features; Problems & Achievements.	12
Unit – V	Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC): Concept, Objectives, Features; Problems & Achievements.	12

SUGGESTED READINGS

1. Buzan, Barry and Waever, Ole (eds) (2003) Regions and Powers: The Structure of International Security, Cambridge University Press. Cambridge.
2. Buzan, Barry, (1987) People Fear and State, Transasia Publications, New Delhi.
3. Chaudhury, Subrata Roy, (1966) Military Alliances and Neutrality in War and Peace: Orient Longman, New Delhi.
4. Das, S.T., (1987) National Security in Perspective: Delhi, Gyan Publishing House.
5. Frankel, Joseph, (1970) National Interest, Macmillan, London.
6. Garnett, John(ed) (1970) Theories of Peace and Security, Macmillan, London.
7. Morgenthau, Hans J., (1969) Politics Among Nations: Scientific Book Agency, Calcutta.
8. Palmer Perkins, Norman D. and Howard C., (1968) International Relations: Scientific Book Agency, Calcutta.
9. Singh, Nagendra, (1974) The Defence Mechanism and the Modern State, Asia Publishing House, New Delhi.
10. SIPRI Year Book

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence and Strategic Studies

GENERIC ELECTIVE (GE) International Terrorism

Programme: Under Graduate in Arts/Science	Year: III	Semester: VI
Subject: Defence and Strategic Studies	Course Code:	Course Title: International Terrorism

Course Outcomes

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

1. Learn various typologies of terrorism in its different shades.
2. By conducting case studies, students will also be in a position to understand terrorism sponsored by state and other stakeholders; and

How international community cooperates against this scourge.

Theory- (Credit-4)	**Distribution of marks according the University rule.**

Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	Terrorism: Meaning, concept, philosophy and historical perspective. Causes of Terrorism: Social, Economic, Political and Religious	15
Unit – II	International Terrorism. State Terrorism & State-sponsored Terrorism.	15
Unit – III	Terrorism and National Security. Strategies of Combating Terrorism.	15
Unit – IV	Manifestations of terrorism: Small Arms Proliferation, Drug Trafficking and Money laundering.	15

SUGGESTED READINGS

1. Alexander, Yonah and Seymour, Maxwell Finger (eds) (1977) Terrorism: Interdisciplinary Perspective: New York, The John Jay Press.
2. Brass, Paul R., (1991) Ethnicity and Nationalism: New Delhi, Sage Publications.
3. Combs, Cindy C., (1997) Terrorism in the Twenty-first Century: New Jersey, Prentice Hall.
4. Juergensmeyer, Mark (ed), (2001) Terror in the Mind of God- The Global Rise of Religious Violence: New Delhi, Oxford University Press.
5. Kartha, Tara, (1999) Tools of Terror: Light Weapons and India's Security: New Delhi, Knowledge World and IDSA.
6. Lequeur, Walter, (1977) Terrorism: London, Little Brown and Company.
7. Lequeur, Walter, (1987) The Age of Terrorism: London, Little Brown and Company.
8. Lequeur, Walter, (2003) No End to War: New York, Continuum.
9. Lequeur, Walter, (1999) The New Terrorism: Oxford, Oxford University Press.
10. Marwah, Ved, (1995) Uncivil Wars: Pathology of Terrorism in India: New Delhi, Harper Collins.
11. Sondhi, M.L.(ed), (1990) Terrorism and Political Violence- A Source Book: New Delhi, Har-Anand Publications.
12. Wardlaw, Grant, (1982) Political Terrorism: Cambridge.
13. Wilkinson, Paul, (1987) Terrorism and the Liberal States: New York, University Press.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence and Strategic Studies

GENERIC ELECTIVE (GE) Conflict and Media

Programme: Under Graduate in Arts/Science	Year: III	Semester: VI
Subject: Defence and Strategic Studies	Course Code:	Course Title: Conflict and Media

Course Outcome

After completion of this course the student will be able to:

1. Understand the basic concepts, meanings, and definitions of conflict and media.
2. Understand the inter-relationship between conflict and media.
3. Understand the importance and role of Indian media in national security

Theory - (Credit -4)	**Distribution of marks according the University rule.**

Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	1. Conflict: Concept, Meaning and Definition 2. Media: Concept, Meaning and Definition 3. Inter-relations between Conflict and Media	15
Unit – II	1. Conflict and Media: History and Development 2. Terrorism and Media: Threats and Challenges 3. Social Media and national Security: Threats and challenges	15
Unit – III	1. Information Age and changing dimensions of Conflict 2. Increasing impact of Media on Society and States 3. Media Ethics and Laws regarding conflict	15
Unit – IV	1. Media in India: Size, characteristics and impact 2. Conflict and media: Indian Scenario 3. Role of Media in Disaster and National Security Management.	15

BOOKS SUGGESTED

1. The Media of Conflict: War Reporting and Representations of Ethnic Violence Edited by Tim Allen and Jean Seaton
2. The Media at War: Communication and Conflict in the Twentieth Century. Susan Carruthers.
3. Eytan Gilboa (Editor), Media and Conflict: Framing Issues, Making Policy, Shaping Opinions War and the Media: Reporting Conflict 24/7 DayaKishan Thussu, Des Freedman
4. Ben O, War and Media Andrew Hoskins, Media and Terrorism Des Freedman, DayaKishan
5. War and the Media Paul M. Haridakis, Barbara
6. John Stanie, War and the media Miles Hudson,

Internship/Apprenticeship/Project/Community Outreach (IAPC)

Programme: Under Graduate in Arts	Year: III	Semester: VI
Subject: Defence and Strategic Studies		
Course Code:	**Course Title:** Internship/Apprenticeship/Project/Community Outreach (IAPC)	
Outcome To learn how to write a project report based on research gap found during the literature survey or field observations made. Preparation of synopsis/outline will be also learned. Finally student will learn how to collect data and write a report based on the data analysis		
Credits: 02	Max. Marks: 100 (Evaluation by External & Internal Examiner) Dissertation: 75 Internal Assessment: Viva Voce + Attendance: 25 (20+5)	
The students will be required to select a topic and area of their interests with the help of their respective supervisors allotted to them by the Department. Research Project must be submitted to the Department one week before the commencement of the Theory Examinations. The size of the Dissertation normally ranges around 20 to 30 pages. The Research Project Dissertation will be evaluated by the external and internal examiners.		

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence Strategic Studies

(Se me ster VII and VIII)

Sem.	Core Discipline Specific Course (DSC) 4	DSC/GE 4		Total Credit
VII	DSC **Theory (3)- Strategic Dimension of Sino-Indian & Indo-Pak Relation** **Practical-(1)** Military use of Electromagnetic Spectrum, Press Clipping, Field Study	Choose three DSE (3x4) courses OR Choose two DSE- (2x4) and one GE (4) course OR Choose one DSE (4) and two GE (2x4) courses (total = 12) **DSE - Evolution of Warfare in Western Word** **DSE – Indian National Security** **DSE – International Law** **GE- Issue in Himalayan Security** **GE- Law of war and Peace**	Dissertation on Major (6) OR Dissertation on Minor (6) OR Academic project/ Entrepreneurship (6)	22
VIII	DSC **Theory (3)- India's Defence Policy** **Practical (1)** Spotting Strategic Locations, Military Models, Presentations	Choose three DSE (3x4) courses OR Choose two DSE- (2x4) and one GE (4) course OR Choose one DSE (4) and two GE (2x4) courses (total = 12) **DSE – Problem of War and Peace** **DSE- Peace and Conflict Studies** **DSE- South Asia Conflict Co-opration** **GE- Military Sociology** **GE- Human Right and Humanitarian Law**	Dissertation on Major (6) OR Dissertation on Minor (6) OR Academic project/ Entrepreneurship (6)	22

	Students on exit shall be awarded Bachelor of (in the Field of Study/Discipline) (Honours with Research/Academic Projects/Entrepreneurship) or (Honors with Research in Discipline-1 (Major) with Discipline-2 (Minor) after securing the requisite 176 credits on completion of Semester VIII	Total 176

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence and Strategic Studies

DISCIPLINE SPECIFIC CORE COURSE (DSC) **Strategic Dimension of Sino-Indian & Indo-Pak Relation**

Programme: Under Graduate in Arts/Science	**Year: IV**	**Semester: VII**
Subject: Defence and Strategic Studies	**Course Code:**	Course Title: **Strategic Dimension of Sino-Indian & Indo-Pak Relation**

Course Outcomes

This course intends to enhance the knowledge of the students with the issues, perspectives and analyses of the strategic dimensions of India's relations with China and Pakistan and oriented towards giving future projections.

Theory- (Credit-3)	**Distribution of marks according the University rule.**
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	1. Genesis of Sino-Indian Relations 2. The Boundary Dispute with China	12
Unit – II	4. China- India Military Balance 5. China's Policy towards India's Neighbors 6. Rise of India and China: Cooperation and Competition	12
Unit – III	7. Genesis of India-Pakistan Conflict 8. Strategic Dimension of India- Pakistan Relations 9. Sino- Pakistan Nexus	12
Unit – IV	10. The Kashmir Problem 11. Pakistan Sponsored Terrorism 12. Pakistan's Nuclear Strategy	12
Unit – V	13. Military in the Power Structure of Pakistan 14. Contentious Issues: Siachin, Sir Creek, Sharing of River Waters etc.	12
Practical (Credit -1)	**Course Title: Military use of Electromagnetic Spectrum, Press Clipping, Field Study** 1. Sketching of Strategic Map of SAARC member states 2. Sketching of Strategic Map of NAM member States 3. Techniques of Group Discussions covering theme of following subject- (i) National Security (ii) Geo-Strategy (iii) Terrorism 4. Press clipping on allotted current topics with a brief assignment 5. Field Study and Its Report	30

BOOKS SUGGESTED

1. Dalvi, J. P. Himalayan Blunder
2. Lamb Alistair Kashmir: A Disputed Legacy
3. Sandhu, P.J.S. Rising China
4. Sidhu, Waheguru Pal Singh & Yuan, Jing Ding China and India: Cooperation or Conflict
5. Subramaniam, R. R. India Pakistan China: Defence and Nuclear Tangle in South Asia
6. Maxwell, Nevile India's China War
7. Bajpai, Kanti The Peacock and the Dragon: India- China Relations in the 21st Century
8. Rao, Gondkar Narayan The India-China Border: A Reappraisal

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence and Strategic Studies

DISCIPLINE SPECIFIC ELECTIVE (DSE) Evolution of Warfare in the Western World

Programme: Under Graduate in Arts/Science	Year: IV	Semester: VII
Subject: Defence and Strategic Studies	Course Code:	Course Title: Evolution of Warfare in the Western World

Course Outcomes

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.

Theory- (Credit-4)	**Distribution of marks according the University rule.**

Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	1. Greek Military system with reference to the Battle of Arbella. 2. Brief study of Military System of the Romans with reference to the Battle of Cannae.	12
Unit – II	3. Warfare in the Middle Ages: Advent of gun powder and its impact on warfare, Battle of Crecy 4. **Warfare During 16th and 17th Centuries:** Development of weapons, Reforms of Gustavus Adolphus, Siege craft and fortification (Vauban), Rise of Professional Armies and Navies	12
Unit – III	5. **Napoleonic warfare:** French Revolution - causes and outcome, Rise of Napoleon, Napoleon 's Art of Warfare, Battles of Trafalgar and Waterloo 6. **American Military Experience:** American war of Independence (1776-1782), American Civil war (1861-1865)	12
Unit – IV	7. **World War - I:** Causes, Trench warfare, Emergence of Mobile warfare (Battles of Somme and Cambrai).	12
Unit – V	8. **World War - II:** Causes, Development of armored warfare and Blitzkrieg attack, Desert warfare. Use of Atom Bomb and its impact	12

BOOKS SUGGESTED

1. Andre Corviser, (ed.), A Dictionary of Military History, Oxford: Blackwell Publishers,1994.
2. Dupey and Dupey, Encyclopeadia of Military History.
3. Fuller, J.F.C., A Military History of the Western World, New York: Funk and Wagnalls Company,1955.
4. Howard, Michael., War in European History, Oxford: Oxford University Press,1977.
5. Keegan, John., A History of Warfare, New York: Vintage,1993.
6. Neilberg, Michael,S., Warfare in World History, London / New York : Routledge,2001.
7. Singh, L.J., Armaments and World Peace (Hindi).
   Singh, L.J., Western Military History (Hindi).

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc Defence and Strategic Studies

DISCIPLINE SPECIFIC ELECTIVE (DSE) Indian National Security

Programme: Under Graduate in Arts/Science	Year: IV	Semester: VII
Subject: Defence and Strategic Studies	Course Code:	Course Title: Indian National Security

Course Outcomes

After completion of this course the student will be able to:

1. Understand the basic elements of India's national security and strategic spectrum.
2. Understand India's national security objectives and aspirations in today's changing world.
3. Understand sources of intra-state conflicts and the mechanism of conflict management.

Theory- (Credit-4)	**Distribution of marks according the University rule.**
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	Problems and Policy of India's Security and defence in pre- independence period	12
Unit – II	1. India's Quest for Security Problems 2. Foreign and defence policies and postures with reference to 1962 Conflict, Kutch Dispute, 1965 Conflict, 1971 War and after	12
Unit – III	Internal Security of India- 1. Socio, Economic, Political 2. Scientific and Technological 3. Military and Allied aspects	12
Unit – IV	Security Problems in different region of India with Special reference to Insurgency and Counter Insurgency India in the Strategic environment of Indian Ocean	12
Unit – V	India's Nuclear Policy Pakistan Nuclear Policy and its implication on India's Security	12

BOOKS SUGGESTED

1. N. Manoharan, Security Deficit: Comprehensive Internal Security strategy for India, Pentagon Press, 2012
2. Brig. R.A. Singh,India's National Security: Through Ages, Raj Publication, 2006
3. Rumel Dahiya, Ashok K. Behuria, (eds.) India's Neighborhood- Challenges in the Next Two Decades, IDSA, 2012
4. Maj. Gen. Depankar Banerjee, Security in South Asia: Comprehensive on Cooperative, Manas Publication, 2003
5. Col. Ved Prakash, Terrorism in India's North East, Manas Publication , New Delhi
6. Kapil Kak (ed.), Comprehensive Security for an Emerging India, Knowledge World, New Delhi 7. Jasjit Singh, India's Security in a Turbulent World, National Book Trust, India. 2013
7. Mohanan B. Pillai, India's National Security, Concerns on Strategies, New Century Publication, 2013
8. Rahul K. Bhonsle, India's National Security: The Asymmetrical Challenges, Knowledge World International, 2006 10. Bipin Chandra, India Since Independence

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES
B.A./B.Sc. Defence and Strategic Studies
DISCIPLINE SPECIFIC ELECTIVE (DSE) International Law

Programme: Under Graduate in Arts/Science	Year: IV	Semester: VII
Subject: Defence and Strategic Studies	Course Code:	Course Title: International Law

Course Outcomes

The course outlines the international disputes, Laws of Land warfare, Maritime warfare, Aerial warfare and related developments etc.

Theory- (Credit-4)	Distribution of marks according the University rule.

Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	15 hrs for 1 credit theory, 30 hrs for 1 credit practical

Unit	Course Content	Lectures
Unit – I	1. Introduction a) Definition of International Law - Its history and development b) Nature, source and codification	12
Unit – II	2. Concept of States and its Types a) Recognition of States b) Responsibility of States	12
Unit – III	3. Definition of Neutrality, a) Its Characteristics, Right b) Duties of Neutrals State Intervention	12
Unit – IV	4. Laws of Neutrality a) Basic understanding of laws of neutrality b) Contraband and Doctrine of Continuous Voyage	12
Unit – V	5. Legal Mechanism a) Blockade- Concept and establishment b) Role and functions of International Court of Justice	12

BOOKS SUGGESTED

1. Chavan, R.S., An Approach to International Law, New Delhi: Sterling, 1971.
2. Kapoor, S.K., International Law, Allahabad; Allahabad Law Agency,1989.
3. Oppenheium, International Law.
4. Starke, J., An Introduction to International Law.
5. Tandon, M.P, and Rajesh Tandon, An Introduction of International Law, Allahabad: Allahabad Law Agency, 1987.

B.A./B.Sc. Defence and Strategic Studies
GENERIC ELECTIVE (GE) Issue in Himalayan Security

Programme: Under Graduate in Arts/Science	Year: IV	Semester: VII
Subject: Defence and Strategic Studies	Course Code:	Course Title: Issue in Himalayan Security

Course Outcomes

Understand the basic aspects of Himalayan Security. Learns basics of Geo-Strategic &Geo-Polities Importance of Himalayan and Security of the Himalayan regions.

Theory- (Credit-4)	**Distribution of marks according the University rule.**
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	(1) Geo-Strategic &Geo-Polities Importance of Himalayan regions (2) The role of Himalayas in National Security with Special reference to India.	15
Unit – II	Importance of Indian Border States in maintain Himalayan Security 1-North -East region 2-Middle region 3-North -Western regions	15
Unit – III	Problems involved in maintain Himalayan Security 1-transport & Communication 2-Climate 3-Terrain 4-Social, Economic & Political Condition of the regions	15
Unit – IV	Measures required for the Security of the Himalayan regions 1-Confidance Building measures 2-Military measures 3-Social & Political measures	15

BOOKS SUGGESTED

1- My Stic Tibet and the Himalaya - K.C. Bhanja
2- The social Economy of the Himalaya - S.D. Pant
3- The Himalayan Border land - Rahul Rana
4- The Himalayan Gazetteer - Atkinson .E.T.
5- India China Border Disputes -M.L. Sali
6- Himalayan Blunder - J.P. Dalvi
7- National Security - Dr. L.J. Singh

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence and Strategic Studies

GENERIC ELECTIVE (GE) Law of War and Peace

Programme: Under Graduate in Arts/Science	Year: IV	Semester: VII
Subject: Defence and Strategic Studies	Course Code:	Course Title: Law of War and Peace

Course Outcomes

Understand the basic aspects of law. Learns basics of laws of warfare through existing international legal principles.

Theory- (Credit-4)	Distribution of marks according the University rule.

Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	15 hrs for 1 credit theory, 30 hrs for 1 credit practical

Unit	Course Content	Lectures
Unit – I	Meaning and Definition of war and Peace War and its effect	12
Unit – II	Law of war - (A) Land warfare (B) Law of Air warfare (C) Law of Sea warfare (D) Law of Nuclear warfare	12
Unit – III	War Crimes Settlement of Disputes	12
Unit – IV	International Terrorism and International Law	12
Unit – V	U.N. Organization and its Peace Keeping Role	12

BOOKS SUGGESTED

1. Legal control of International Conflicts - Stone Julious
2. Modern International Law of war - Castern
3. Study of war Vol. I and II
4. The Relativity of war and Peace Vol. I and II - Carb

Dissertation on Major / Dissertation on Minor / Academic project/Entrepreneurship

Programme: Under Graduate in Arts	Year: IV	Semester: VII
Subject: Defence and Strategic Studies		
Course Code:	**Course Title:** Dissertation on Major / Dissertation on Minor /Academic project/Entrepreneurship	
Outcome To learn how to select a Research Proposal based on research gap found during the literature survey or field observations made. Preparation of synopsis/outline will be also learned. Finally student will learn how to collect data and write a report based on the data analysis		
Credits: 06	Max. Marks: 100 (Evaluation by External & Internal Examiner) Dissertation: 75 Internal Assessment: Viva Voce + Attendance: (20+5) 25	
The students will be required to select a topic and area of their interests with the help of their respective supervisors allotted to them by the Department. Research Project must be submitted to the Department one week before the commencement of the Theory Examinations. The size of the Dissertation normally ranges between 80 and 100 pages. The Research Project Dissertation will be evaluated by the external and internal examiners.		

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc Defence and Strategic Studies

DISCIPLINE SPECIFIC CORE COURSE (DSC) India's Defence Policy

Programme: Under Graduate in Arts/Science	Year: IV	Semester: VIII
Subject: Defence and Strategic Studies	Course Code:	Course Title: India's Defence Policy

Course Outcomes

This course intends to enhance the knowledge and skills of the students with India's Defence policy.

Theory- (Credit-3)	Distribution of marks according the University rule.
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	15 hrs for 1 credit theory, 30 hrs for 1 credit practical

Unit	Course Content	Lectures
Unit – I	1. India's Defence Policy during British Period. 2. Partition of Indian Armed Forces 3. Reconstruction of Indian Armed forces after 1947.	10
Unit – II	1. Defence Policy of India: 1947-1971. 2. Defence Policy of India: 1971-1999 3. Defence Policy of India: 1999 -Till Now	10
Unit – III	Comparative study of defence policy of India-Pakistan and China	9
Unit – IV	Indian Defence Relations with Supper- 1. India- USA Defence Co-Operation 2. India- Russia Defence Co-Operation 3. India- Japan Defence Co-Operation 4. India- France Defence Co-Operation 5. India- Israel Defence Co-Operation	10
Unit – V	1. The Brief Studies of Make in India Policy	6
Practical(Credit-1)	**Course Title: Spotting Strategic Locations, Military Models, Presentations** Strategic Maps of India: India and her Neighbor's, Indian States and Union Territories with capitals, Strategic Raw Materials and Defence Industries and Atomic Reactors. World: World map in 1945, Countries of NATO, Non- Aligned Countries, Countries of South Asia, South East Asia, and West Asia, Nuclear Nations, Indian Ocean Littoral States and World Sea Routes. 1. Making of Models- a. Fighter Plane b. Battle Ship. c. Radar d. Submarine e. Tank f. Missile Helicopter Presentations on Current Defence Topic	30

BOOKS SUGGESTED

1- Rao, P.V.R. India Defence Policy and Organization since Independence
2- Rao, P.V.R. Defence without Drift
3- Saigal, J.R. Un-fought War of 1962
4- Shah, A. India's Defence and Foreign Policy
5- Singh,S Defence of the Western Border
6- Singh, R. Aspect of Indian Defence
7- Subrahmanyam, K. India's Security Perspectives
8- Venkateswar, A.L. Defence Organization in India

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence and Strategic Studies

DISCIPLINE SPECIFIC ELECTIVE (DSE) Problem of War and Peace

Programme: Under Graduate in Arts/Science	Year: IV	Semester: VIII
Subject: Defence and Strategic Studies	Course Code:	Course Title: Problem of War and Peace

Course Outcomes

The main objectives of the paper is to acquaint the students about the multidimensional problem of war and peace.

Theory-(Credit-4)	Distribution of marks according the University rule.

Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	15 hrs for 1 credit theory, 30 hrs for 1 credit practical	
Unit	Course Content	Lectures
Unit – I	1. Concept and Definition of war, Causes of war, Problems of war 2. Concept of Strategy, Evolution, Aims, Elements and Types of Strategy 3. Concept of Tactics, Evolution of Tactics in 19th and 20th Century	20
Unit – II	1. War and Political 2. War as an economic problem	5
Unit – III	1. Mobilization of resources for war 2. Post war economy and re-construction	5
Unit – IV	1. Defence and development 2. Settlement of International disputes	15
Unit – V	1. Role of U.N.O. to maintain peace 2. Concept of Non-Violence by M.K. Gandhi	15

BOOKS SUGGESTED

1. Singh L.J., Problems of war and peace.
2. Saymour E. mirris, Post war economic problem.
3. Pokoroysky AL, Science and Technology in contemporary war.
4. Maj. Sitaram Johri, The Indo - Pakistan Conflict of 1965, Lucknow: Himalayas, 1967.
5. Maj. Gen. D. K. Palit, Lightening Campaign, New Delhi: Thompson Press, 1972.
6. Maliwal, B.N., Sthal Yuddh Kala.
7. Singh, L.J., Nature of War and North African Campaign (Hindi).
8. Sinha, S. K., Operation Rescue - Military Operations in J&K 1947-48, Delhi: Vision,1977.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc. Defence and Strategic Studies

DISCIPLINE SPECIFIC ELECTIVE (DSE) Peace and Conflict Studies

Programme: Under Graduate in Arts/Science	Year: IV	Semester: VIII
Subject: Defence and Strategic Studies	Course Code:	Course Title: Peace and Conflict Studies

Course Outcomes

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 & Security Building Measures (CSBMs).

Theory-(Credit-4)	**Distribution of marks according the University rule.**
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – 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
Unit – II	1. Gandhian Approach and its current relevance for Conflict Resolution 2. Causes of war 3. Regional Conflicts and Role of United Nations	15
Unit – III	1. Confidence & Security Building Measures (CSBM, s) 2. Peace Building, Peace Making, Peace Keeping 3. Problems of CSBM, s in contemporary world.	15
Unit – IV	1. Settlement of Dispute 2. Human Security and peace building	9
Unit – V	1. Role of International Monetary Organizations in Conflict Resolution	6

BOOKS SUGGESTED

1. K.E.Boulding, Conflict and Defence : A General Theory, Newyork,1962
2. Anima Bose (ed), Peace and Conflict Resolution in World Community, New Delhi, 1919
3. BhasksrRoa, Global Perceptions on Peace Education, New Delhi, 1996.
4. Peter Ackerman & Jack Duvall, A Force More Powerful: A Century of Non-Violent Conflicts, New York, 2000.
5. B. Boutros- Ghali, An Agenda For Peace: Preventive Diplomacy, Peace Making and Peace Keeping, (U.N.Report) New York, 1992.
6. B.U.Bright, Educating for Peace, New York, 1985.
7. Adam Curle, Another Way: A Mechanistic View of War and Peace,Cambridge, 1927.
8. A.C.Dasgupta, Non-Violence : The Invincible Power, Calcutta. 1956.
9. Lewis Caser, Functions of Social Conflict, New York, 1956.
10. J.W.Burton, International Conflict Resolution, New York, 1965.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc Defence and Strategic Studies

DISCIPLINE SPECIFIC ELECTIVE (DSE) South Asia Conflict Co-operation

Programme: Under Graduate in Arts/Science	Year: IV	Semester: VIII
Subject: Defence and Strategic Studies	Course Code:	Course Title: South Asia Conflict Co-operation

Course Outcomes

The goal of the course is to enable the students to learn and understand root cause of conflicts in the region. also, students should be able to analyze various issues and concerns towards a solution for lasting peace in South Asian Region. The course is designed for students to gain knowledge of conflict in South Asia and to be able to gain the knowledge of various means of cooperation among the countries of the region and to understand the meaning and importance of lasting peace in the South Asian Region.

Theory- (Credit-4)	**Distribution of marks according the University rule.**
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	South Asia 1. Geographical Setting 2. Political Setting 3. Social and Cultural Setting	12
Unit – II	Power Rivalries in South Asia (A) U.S.A. (B) Russia (C) China	12
Unit – III	Problems and Conflicts in South Asian region with Special reference to – (A) India (B) Pakistan (C) Bangladesh (D) Sri Lanka (E) Nepal (F) Afghanistan	12
Unit – IV	Inter State dispute between India and Pakistan India and China	12
Unit – V	Role of SAARC	12

BOOKS SUGGESTED

1. Stability in South Asia - A.J. Tellis
2. Conflict and Peacemaking in South Asia - P. Sahaderan
3. Military Geography of South east Asia - A.S. Jodoon
4. South Asia - G. Singh
5. Asian Security in the 21st Century - Jasjit Singh
6. Regional Security in South Asia - Jetly
7. Security in South Asia - R.C. Mishra
8. Indian the New Asia Pacific - M.L. Sondhi
9. Nuclear isation in South Asia - R.K. Khilmari
10. Restructuring South Asian Security - V. Saighal

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc Defence and Strategic Studies

GENERIC ELECTIVE (GE) Military Sociology

Programme: Under Graduate in Arts/Science	Year: IV	Semester: VIII
Subject: Defence and Strategic Studies	Course Code:	Course Title: Military Sociology

Course Outcomes

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

1. Learn social aspects of war and post-war social issues like resettlement and reconstruction.
2. Also help students understand the problems of ex-service personnel in India; and 3. Role of women in armed forces.

Theory- (Credit-4)	**Distribution of marks according the University rule.**
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	1. Impact of wars on society. 2. effects of military life on dependents 3. Stress in military service	15
Unit – II	1. Problems of re-settlement of war victims 2. Social problem of military personnel (killed or disabled) 3. Demobilization, rehabilitation and social adjustment of Ex-servicemen.	15
Unit – III	1. Gender issues in armed forces 2. Role and positions of Women in Armed Forces 3. Problems of war-widows.	15
Unit – IV	1. Politicization of Armed Forces: trend and impact 2. Use of armed forces in civil unrest: issues and complications 3. Civil-military relations in India	15

BOOKS SUGGESTED

1. Baynes, J.C.M., (1972) The soldier in Modern Society, Eyre Methuen, London.
2. Doorn, Jacques Van, (1975) The Soldier and Social Change, , Sage Publications, New Delhi.
3. Gutteridge, William (1965), Military institutions and power in the new States, Pall Mall Press, London.
4. Janowitz, Morris (1959), Sociology and the Military Establishment, Russell Sage Foundation
5. Johnson, John (ed.) (1962), Race, Class & Military: The role of the Military in under developed Countries, Princeton University Press.
6. Parmar, Leena. (1994), Society, Culture and Military System, Rawat Publications, Jaipur.
7. Parmar, Leena. Ed., (1999), Military Sociology: Global Perspectives, Rawat Publishers & Distributors, Jaipur.
8. Shaw, Martin (ed.) (1984), War, State & Society, Macmillan Press, London.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

B.A./B.Sc Defence and Strategic Studies

GENERIC ELECTIVE (GE) Human Right and Humanitarian Law

Programme: Under Graduate in Arts/Science	Year: IV	Semester: VIII
Subject: Defence and Strategic Studies	Course Code:	Course Title: Human Right and Humanitarian Law

Course Outcomes

After undergoing this course, a student will be in a position to - Learn importance of human rights to individuals and their privileges.

Human Rights in Indian tradition and Constitutional & Legal framework in India; and Role of United Nations in protecting Human Rights.

Theory- (Credit-4)	**Distribution of marks according the University rule.**
Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit – I	Human Right: a. Meaning, Nature and Development. b. Three Generation Rights. c. Contributions: Hobbes, Locke, Rousseau and Rawls.	15
Unit – II	United Nations & Human Rights.	15
Unit – III	Indian Perspective (Basics) a. Human Rights in Indian tradition- Civil, Political, Economic, Cultural Rights & Women's Rights. b. Constitutional & Legal framework in India- Human Rights Commission & Special Commission for weaker section.	15
Unit – IV	Issues and Challenges (in brief) a. Human Rights and challenges - Ethnic conflict, social & political violence, global terrorism, environmental sources. b. Rights of Refugees. c. Internally Displaced people.	15

BOOKS SUGGESTED

1. Bajwa, G.S., (1995) Human Rights in India: Implementations and Violations, Sterling, New Delhi.
2. Deshta, S., Deshta, K., (2003) Fundamental Human Rights, Deep & Deep, New Delhi.
3. Donnelly, Jack., (1985) The Concept of Human Rights, St.Martin's Press, New York .
4. Gibson, John, S., (1996) Dictionary of International Human Rights Law, Scarecrow Press, Lanham, MD.
5. Mehta, P.L., Verma, N., (1999) Human Rights Under the Indian Constitution, Deep & Deep, New Delhi.

Dissertation on Major / Dissertation on Minor / Academic project/Entrepreneurship

Programme: Under Graduate in Arts	Year: IV	Semester: VIII
Subject: Defence and Strategic Studies		
Course Code:	Course Title: Dissertation on Major / Dissertation on Minor /Academic project /Entrepreneurship	
Outcome To learn how to select a Research Proposal based on research gap found during the literature survey or field observations made. Preparation of synopsis/outline will be also learned. Finally student will learn how to collect data and write a report based on the data analysis		
Credits: 06	Max. Marks: 100 (Evaluation by External & Internal Examiner) Dissertation: 75 Internal Assessment: Viva Voce + Attendance: 25 (20+5)	
The students will be required to select a topic and area of their interests with the help of their respective supervisors allotted to them by the Department. Research Project must be submitted to the Department one week before the commencement of the Theory Examinations. The size of the Dissertation normally ranges between 80 and 100 pages. The Research Project Dissertation will be evaluated by the external and internal examiners.		

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

M.A./M.Sc. Defence Strategic Studies

(Semester IX and X)

Sem.	Core Discipline Specific Course (DSC) 4	DSC/GE 4		Total Credit
IX	DSC **Theory (3) National Security** **Practical (1)** New Clipping and Group-discussion (Part I)	Choose three DSE (3x4) courses OR Choose two DSE- (2x4) and one GE (4) course OR Choose one DSE (4) and two GE (2x4) courses (total = 12) **DSE- International Law** **DSE - Defence Psychology** **DSE- Strategic Thought** **GE- Disarmament and Arms Control** **GE- Non -Traditional Security**	Dissertation on Major (6) OR Dissertation on Minor (6) OR Academic project/ Entrepreneurship (6)	22

	DSC **Theory (3) Defence Economics** **Practical (1)** New Clipping and Group-discussion ({Part II)	Choose three DSE (3x4) courses OR Choose two DSE- (2x4) and one GE (4) course OR Choose one DSE (4) and two GE (2x4) courses (total = 12) **DSE- International Relation and Conflict Resolution** **DSE- Insurgency and Counter Insurgency** **DSE- Reacher Methodology** **DSE- Politics of Indian Ocean** **GE Introduction of Cyber Security** **GE- International Relation**	Dissertation on Major (6) OR Dissertation on Minor (6) OR Academic project/ Entrepreneur ship (6)	22

	Students on exit shall be Master's in Core subject after securing the requisite 220 credits on completion of Semester X	Total 220

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES
M.A./M.Sc. Defence and Strategic Studies
DISCIPLINE SPECIFIC CORE COURSE (DSC) National Security

Programme: Post Graduate in Arts/Science	**Year: V**	**Semester: IX**
Subject: Defence and Strategic Studies	**Course Code:**	**Course Title: National Security**

Course Outcomes

This paper introduces a student to the fundamentals of defence and strategic studies like the concepts of National Security, Power, Various Models of International Security etc.

Theory- (Credit-3)	**Distribution of marks according the University rule**
Total No. of Lectures – Tutorials – Practical (in hours per week): 3-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Units	Course Contents	Lectures
Unit – I	1. Concept of National Security 2. Concept of Power	08
Uni t – II	National Power and its Elements: - 1. Tangible elements of National Power, Geography, Population, Natural Resources, Industrial, Agricultural Capacity, Military Strength and Credibility 2. Intangible elements of National Power, Leadership, Types of Govt., Ideology, Foreign support and dependency Regulation	10
Unit – III	Alternative Models of International and Security: - 1. Balance of Power 2. Collective Security 3. Collective Defence 4. Non-alignment	10

Unit – IV	1. Proliferation of Weapons of Mass Destruction (WMD), NPT, CTBT, MTCR, NMD, and FMCT 2. Military, Nuclear and Missile capabilities of China, Pakistan and India.	10
Unit – V	Linkages between Foreign and Defence Policies and domestic development	07
Practical (Credit-1)	Course Title: New Clipping and Group- discussion (Part I) 1. News Paper Cutting on National and International affairs during IX Semester 2. Give a 10-minute talk on National Affairs 3. Techniques of Group - discussion Covering theme of the following subject - a) National Security b) Geo - Strategy c) Impact of Science and Technology on warfare 4. Sketching following on the map given a) L.O.C., McMohan, Siachen Glacier, Kargil, Karakoram Pass, Darras, Batalik b) Important Pass in Himalayan regions c) India's Nuclear Reactor d) Andaman and Nicobar Island & Lakshadweep	30

BOOKS SUGGESTED

1. Socio-Economic Development Problem South and South East Asia, Alan S. and Ready GE
2. Non-Alignments-Bajpai US
3. Indian Nationalism VS International communium Bandopadhya.J.
4. Afghan and British India (1793-1903) Bilgrami A.1
5. India in the 30S- Bose NS
6. Indo-Pak Conflict-Brines R
7. India's of National Security in 705-Chaodhary J N
8. India Land borders, Problems and Challenges-Chatterjee PN
9. India-Pakistan-Choudhary
10. International Relations-Frankel J
11. National Defence and Security (Publisher Prakash Book Depet. ftareilly) Singh L.J.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

M.A./M.Sc. Defence and Strategic Studies

DISCIPLINE SPECIFIC ELECTIVE (DSE) International Law

Programme: Post Graduate in Arts/Science	**Year: V**	**Semester: IX**
Subject: Defence and Strategic Studies	**Course Code:**	**Course Title:** International Law

Course Outcomes This paper will provide the students with an in-depth understanding of International Law in the context of its impact on the relations and security dynamics amongst nations.

Theory- (Credit-4)	**Distribution of marks according the University rule**
Total No. of Lectures – Tutorials – Practical (in hours per week): 3-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Units	Course Contents	Lectures
Unit – I	1. Nature and Definition of International Law 2. Sources and Historical development of International Law	12
Uni t – II	1. Relation between International Law and National 2. International Law and third world Perspective	12
Unit – III	6. Concept of States and its Types 7. Recognition of States 8. Responsibility of States	12
Unit – IV	Definition of Neutrality, 1. Its Characteristics, Right 2. Duties of Neutrals State Intervention	12
Unit – V	1. Blockade - Definition, Breach of Blockade, The Long distance blocked 2. Contra band - Meaning and Definition, Absolute and Conditional Contraband.	12

BOOKS SUGGESTED

1. Chavan, R.S., An Approach to International Law, New Delhi: Sterling, 1971.
2. Kapoor, S.K., International Law, Allahabad; Allahabad Law Agency,1989.
3. Oppenheium, International Law.
4. Starke, J., An Introduction to International Law.
5. Tandon, M.P, and Rajesh Tandon, An Introduction of International Law, Allahabad: Allahabad Law Agency, 1987.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

M.A./M.Sc. Defence and Strategic Studies

DISCIPLINE SPECIFIC ELECTIVE (DSE) Defence Psychology

Programme: Post Graduate in Arts/Science	**Year: V**	**Semester: IX**
Subject: Defence and Strategic Studies	**Course Code:**	**Course Title:** Defence Psychology

Course Outcomes This paper helps students develop a fundamental understanding of the field of Defence Psychology. This includes its evolution and relevance, themes like leadership and morale as well as the concept of Psychological Warfare.

Theory- (Credit-4)	**Distribution of marks according the University rule**
Total No. of Lectures – Tutorials – Practical (in hours per week): 3-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Units	Course Contents	Lectures
Unit – I	1.Development of Defence Psychology and its Relevance in Defence Problem 2.Concept of Defence Psychology 3.Utility or Significance of Defence Psychology	12
Uni t – II	1. Personal Selection and Classification of Defence Services 2. Factors in Adjustment during Army life Psychological, Defence and Escape Mechanism 3. Problems of Adjustment of Ex-Soldiers	12
Unit – III	1. Leadership - Nature Function Types and emergence of a Leader Military Leadership Grid 2. Morale-Nature: Determinats and techniques of boosting Morale	12
Unit – IV	1. Motivation- Definition, Types, Objective 2. Man Management- Concept, Objective 3. Esprit-De-Corps	12
Unit – V	Weapons and techniques of psychological warfare- 1. Nature, Types and techniques of civil propaganda 2. Nature, techniques, merits and demerits of Rumour, its impact on war and society, 3. Brain Washing	12

BOOKS SUGGESTED

1. Psychology for the Armed Services - Boring E.G.
2. Psychological warfare Lienbarger
3. Human Factor Engineering-Mac Cormich
4. Psychology and the Soldier, bartlett, F.C.
5. Air war and Emotional Stress. Hennings
6. Frontier of Psychology. Mann, J.
7. Though, Reform and Psychology of Totalism
8. Coeretive Persuation-Schein, E.H.
9. Techniques of Persuation-Brown J.F.C.
10. Social Psychology of war and Peace A. May Mark
11. Men Under Stress-Ginkar, R.R
12. Psychology for the armed forces-Raj Narayan

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

M.A./M.Sc. Defence and Strategic Studies

DISCIPLINE SPECIFIC ELECTIVE (DSE) Strategic Thought

Programme: Post Graduate in Arts/Science	**Year: V**	**Semester: IX**
Subject: Defence and Strategic Studies	**Course Code:**	**Course Title: Strategic Thought**

Course Outcomes To understand and learn strategic thought, concepts and doctrines propounded by prominent thinkers like Kautilaya's, Machiavelli, Sun-Tzu etc.

Theory- (Credit-4)	**Distribution of marks according the University rule**
Total No. of Lectures – Tutorials – Practical (in hours per week): 3-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Units	Course Contents	Lectures
Unit – I	1. Kautilya 2. Sun - Tzu 3. Niccolo Machiavelli 4. Gustavous Adolphus	12
Uni t – II	1. Federick the Great 2. Sebastien Vauban 3. Napolean Bonapart 4. Karl Marx and Frederick Engles	12
Unit – III	1. Jomini 2. A.T. Mahan 3. Mackinder 4. Douhet	12
Unit – IV	1. Ludden Dorff 2. Hitler 3. Marchal foch 4. J.F.C. Fuller	12
Unit – V	1. Liddle Hart 2. H. Delbruck 3. Mao - Tse - Tung 4. Che - Guevara	12

BOOKS SUGGESTED

1. Military Thinkers (Prakash Book Depot. Bara Bazar, Bareilly 243003 in Hindi) - Lallanji Singh
2. Kautilya's Philosophy of war-(Prakash Book depot, Bara Bazar, Bareilly 243003 in -Lallanji Singh
3. On war-Trasislated by Col. JJ. Graham-Clausewitz
4. Mao-Guerrilla Thoughts-Sammual B. Grifith
5. Selected Work Vol I-Karl Marx and Engles
6. Capital Vol II-Karl Marx

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES
M.A./M.Sc. Defence and Strategic Studies
GENERIC ELECTIVE (GE) Disarmament and Arms Control

Programme: Post Graduate in Arts/Science	Year: V	Semester: IX
Subject: Defence and Strategic Studies	Course Code:	Course Title: Disarmament and Arms Control

Course Outcomes Arms Control Efforts from the formation of nation, State system is attempted in this paper. Efforts towards disarmament gained momentum after the Second World War which is portrayed in this paper.

Theory- (Credit-4)	**Distribution of marks according the University rule.**

Total No. of Lectures – Tutorials – Practical (in hours per week): 1-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Unit	Course Content	Lectures
Unit - I	1. Introduction a) Definition, Nature and Scope of Arms Control, Arms Limitations, Arms Reduction and Arms Trade. b) Differences between Arms Control, Arms Limitations, Arms Reduction and Arms Trade. c) Definition, Nature and Scope of Disarmament.	12
	d)	
Unit - II	2. From Treaty of Westphalia to World War - II a) Efforts towards Disarmament from Treaty of Westphalia 1648 to the Outbreak of World War I b) Efforts towards Disarmament from World War I to the outbreak of World War II.	12
Unit - III	3. UN and Disarmament a) UN's Perception on Disarmament and Arms Control. b) Major efforts till the Disarmament Decade. c) Causes and Failures.	12
Unit - IV	4. Disarmament Efforts - Success Story a) PTBT, NNPT b) SALT I and II c) INF, START and Outer space.	12
Unit - V	5. Disarmament Efforts by Other Bodies a) NAM b) Nuclear Free Zones c) Efforts of India	12

BOOKS SUGGESTED

1. India's Nuclear Policy Disarmament and International Security-S.K. Mishra
2. Neclear Weapons: A Changing Facade of war
3. Chemical Weapons-Parsad S. K.
4. Nuclear India Pakistan and Present world order- Bennison G.M. ETC
5. Nuclear Power and The Spread of Nuclear weapons-LEVENTHAL P. ETC
6. Nuclear Strategy The Doctrine of Just war-WARMER S.F. ETC
7. Nuclear Test Explosion YADAV M.S.
8. Real world Nuclear Deterrence-Coleman D.C. ETC

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES
M.A./M.Sc. Defence and Strategic Studies
GENERIC ELECTIVE (GE) Non-Traditional Security

Programme: Post Graduate in Arts/Science	Year: V	Semester: IX
Subject: Defence and Strategic Studies	Course Code:	Course Title: Non-Traditional Security

Course Outcomes: To Understand the basic concept, nature and scope of Non-Traditional Security. Develop core competencies in identifying Non-Traditional threats and challenges, Gain competencies for Non-Traditional Security management.

Theory- (Credit-4)	Distribution of marks according the University rule
Total No. of Lectures – Tutorials – Practical (in hours per week): 3-0-1	15 hrs for 1 credit theory, 30 hrs for 1 credit practical

Units	Course Contents	Lectures
Unit – I	1. Non-Traditional Security (NTS): concept, nature, scope 2. Typology of NTS Threats and Challenges 3. Sustainable development and Millennium Development Goals.	12
Uni t – II	1. International terrorism 2. Trans-national organised crime 3. Problems of Human Security	12
Unit – III	1. Energy Security- Definition, Meaning and Concept 2. Food Security - Definition, Meaning and Concept 3. Environment Security- Definition, Meaning and Concept	12
Unit – IV	1. Refugees and illegal migration. 2. Environmental issues: growing concerns 3. India's efforts for Non-Traditional Security management.	12
Unit – V	1. Small Arms Proliferation -- Definition, meaning and concept 2. Money Laundering - - Definition, meaning and concept 3. Narco -Terrorism -- Definition, meaning and concept	12

BOOKS SUGGESTED

1. Happymon Jacob, (2005), HIV/AIDS as a Security Threat to India.
2. Joakim Palme, Kristof Tamas (2006), Globalizing migration regimes: new challenges to transnational cooperation.
3. Kimberley L. Thachuk, (2007), Transnational threats: smuggling and trafficking in arms, drugs, and human life.
4. Lal, Marie, (2008), The geopolitics of Energy in South Asia, Institute of Southeast Asian Studies, Singapore,
5. Leena, (2009), Energy Infrastructure: Priorities, Constraints and Strategies for India, Oxford, India.
6. Margaret E. Beare, (2003), Critical reflections on transnational organized crime, money laundering and corruption.
7. Mely Caballero Anthony, Ralf Emmers, Amitav Acharya (Eds), (2006), Non-Traditional Security in Asia: Dilemmas in Securitization, Athenaeum Press Ltd,
8. Moufida Goucha, John Crowley (2008), Rethinking human security.
9. Richard A. Matthew and John Barnett, Bryan Macdonald and Karen L. O'Brien (2010) Global environment Change and Human Security.
10. Robert Powis, (1992), The Money Launderer, Probus Publishing.
11. Shahrbanou Tadjbakhsh, Anuradha M. Chenoy (2007) Human security: Concepts and Implications. Routledge Advances in International Relations and Global Politics.
12. Sovacool K. Benjamin (2011), The Routledge Handbook of Energy Security. Singapore.

Dissertation on Major / Dissertation on Minor / Academic project/Entrepreneurship

Programme: Post Graduate in Arts/Science	Year: V	Semester: IX
Subject: Defence and Strategic Studies		
Course Code:	Course Title: Dissertation on Major / Dissertation on Minor / Academic project/Entrepreneurship	
Outcome To learn how to select a Research Proposal based on research gap found during the literature survey or field observations made. Preparation of synopsis/outline will be also learned. Finally student will learn how to collect data and write a report based on the data analysis		
Credits: 06	Max. Marks: 100 (Evaluation by External & Internal Examiner) Dissertation: 75 Internal Assessment: Viva Voce + Attendance : 25 (20+5)	
The students will be required to select a topic and area of their interests with the help of their respective supervisors allotted to them by the Department. Research Project dissertation must be submitted to the Department one week before the commencement of the Theory Examinations. The size of the Dissertation normally ranges between 80 and 100 pages. The Research Project Dissertation will be evaluated by the external and internal examiners.		

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES
M.A./M.Sc. Defence and Strategic Studies
DISCIPLINE SPECIFIC CORE COURSE (DSC) Defence Economics

Programme: Post Graduate in Arts/Science	**Year: V**	**Semester: X**
Subject: Defence and Strategic Studies	**Course Code:**	**Course Title: Defence Economics**

Course Outcomes The objective of the course is to develop a basic understanding of the economic aspects of India's national security. It is hoped that after participation in the course the student would be able to appreciate the constraints under which a nation state operates in securing itself.

Theory- (Credit-3)	**Distribution of marks according the University rule**
Total No. of Lectures – Tutorials – Practical (in hours per week): 3-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Units	Course Contents	Lectures
Unit – I	1. Definition, Meanings and Fundamental of Defence Economics 2. Economic System: From industrial revolution to modern times a) Capitalism b) Socialism c) Mixed Economy	12
Uni t – II	1. Economic Theories of Defence a) Adam Smith b) D. Ricardo c) F.W. Hirst d) J.M. Keynes e) Evan F. M. Durbin	12
Unit – III	1. War potential of a Nation, Natural, Physical, Industrial and Man Power 2. Defence Production Programme in India: (i) Ordnance Factories. (ii) Defence Public Sector Undertakings.	12
Unit – IV	1. Determinants of Planning, Programming and Budgeting. 2. Defence Budgeting in India after 1947. 3. Mobilization of Resources for Defence Methods for Mobilization	12
Unit – V	1. Economic Warfare: its Techniques and Importance in modern times 2. Economic causes of War 3. Economics of Conventional V/S Nuclear Weapons System 4. Economics of Disarmament	12
Practical (Credit-1)	**Course Title: New Clipping and Group- discussion (Part II)** 1. New Paper Cutting a National and International affairs during X semester 2. Give 10-minute talk on National & International affairs 3. Sketching following on the world map a) Nuclear Nations b) Developed Nation c) Commonwealth of Independent States d) G-4 e) G-15 f) G-20 g) OPEC h) NATO i) ASEAN	30

	j) SAARC	

BOOKS SUGGESTED

1. Indian Economy its nature and Problems Ghosh Alka
2. The Brish war Economy-Murphy
3. The Fontic Problems in war and Pesce Robinson L.R.
4. The New Economic of National defence-Clerk J.J.
5. Problems of Economic Development-Mehat, J.K.
6. Problems of Copital formation in developed Countries-Nurko Kanger
7. Defence Economics-Gavin Kennedy
8. Defence Production and Development Agrawal, R.K.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

M.A./M.Sc. Defence and Strategic Studies

DISCIPLINE SPECIFIC ELECTIVE (DSE) International Relation and Conflict Resolution

Programme: Post Graduate in Arts/Science	Year: V	Semester: X
Subject: Defence and Strategic Studies	**Course Code:**	**Course Title:** International Relation and Conflict Resolution

Course Outcomes This paper familiarizes students with various global security related theories while explaining the relationship between Ideology and Foreign Policy, War and Politics etc. It also covers the impact of the advent of nuclear weapons in Security Relations.

Theory- (Credit-4)	**Distribution of marks according the University rule**	
Total No. of Lectures – Tutorials – Practical (in hours per week): 3-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**	
Units	**Course Contents**	**Lectures**
Unit – I	1. System Theory 2. Decision Making Theory 3. Communication Theory 4. Game Theory	12
Uni t – II	1. Power and National Interest 2. Ideology and Foreign Policy	12
Unit – III	1. War and Politics 2. War as an Instrument of National Policy	12
Unit – IV	1. North South Conflict 2. Pacific Settlement of Disputes 3. Collective Security System	12
Unit – V	1. Impact of Science and Technology an International Relation 2. Nuclear Weapons and their Impact an International Relation	12

BOOKS SUGGESTED

1. War and Peace - Aron, R.
2. Making of the foreign Policy - Frankel, J.
3. Foreign Policy of the world - Thompson, D.
4. Problem of the International Relations - Gibbs, G.
5. Politics Among Nations - Hans, G. Morgenthau
6. International Relation - P.D. Sharma
7. International Politics in Atomic Age - J. H. Herz
8. The Impact of War on International Relations Since 1945 - Lallanji Singh, (Prakash BookDepot, Bareilly 243003)
9. Theoretical Aspects of International Politics - Mahendra Kumar
10. Essays in Politics and International Relations - A. Appadorai
11. Contemporary Theories in International Relations - Hofman
12. Game Theories and the Analysis of International Conflict
13. Sustainable Development - D.D. Khanna
14. Defence Versus - D.D. Khanna
15. A Study of International Relations - Quincy Wright

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

M.A./M.Sc Defence and Strategic Studies

DISCIPLINE SPECIFIC ELECTIVE (DSE) Insurgency and Counter Insurgency

Programme: Post Graduate in Arts/Science	Year: V	Semester: X
Subject: Defence and Strategic Studies	Course Code:	Course Title: Insurgency and Counter Insurgency

Course Outcomes This paper will provide the students with an in-depth understanding of Insurgency and Counter Insurgency. This paper covers the history, theory and characteristics of guerilla warfare as well as its relevance in the nuclear age. After understanding the basics of Guerilla warfare this paper covers various case studies including Insurgency in Ino-China, Vietnam, Malaya, Indian North-East, Jammu and Kashmir.

Theory- (Credit-4)	Distribution of marks according the University rule
Total No. of Lectures – Tutorials – Practical (in hours per week): 3-0-1	15 hrs for 1 credit theory, 30 hrs for 1 credit practical

Units	Course Contents	Lectures
Unit – I	1. Revolutionary wars and Guerrilla Warfare 2. History and Theory of Guerrilla warfare	12
Uni t – II	1. Unconventional warfare in the nuclear ear 2. Three intangibles of Guerrilla warfare (A) Time Space and Will (B) Characteristic of Guerrilla warfare	12
Unit – III	1. Special criteria governing Guerrilla warfare, Environment, Unity of movement Community support Security, division of function and proximity 2. Strategy and Tactics of Guerrilla warfare	12
Unit – IV	1. Thoughts of Mao-Tse-Tung and Che Guevara, Modern Concepts, Urban Guerrilla and its Philosophers 2. Insurgency and Counter Insurgency in the Mountains of Indo-China Vietnam and Malaya	12
Unit – V	1. Problems of Insurgency and Counter Insurgency in India (A) North Eastern States (B) Kashmir 2. Causes and examples of Insurgency in the developing Countries	12

BOOKS SUGGESTED

1. Das, S T (1970) An Introduction to the Art of War, Sagar Publications, New Delhi.
2. Galula, David (1971) Counterinsurgency Warfare, Sagar Publications, New Delhi.
3. Guevara, Che (1969) Guerrilla Warfare, Penguin, London.
4. Laqueur, Walter, (1977) Guerrilla: A Historical and Critical Study, Weidenfeld and Nicolson, London.
5. Lawrence, T.E. (1927) Revolt in the Desert, Jonathan Cape, London.
6. Osanka, Franklin Mark (ed.,) (1962) Modern Guerrilla Warfare, The Free Press of Glencoe, New York.
7. Palit, D.K. (1970) The Essentials of Military Knowledge, The English Book Depot, Dehradun.
8. Pye, Lucian W., (1956) Guerrilla Communism in Malaya, Princeton University Press, Princeton, New Jersey.
9. S T Das, (1970) An Introduction to the Art of War, Sagar Publishers, New Delhi.
10. David Galula, (1971) Counterinsurgency Warfare, Sagar Publishers.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

M.A./M.Sc. Defence and Strategic Studies

DISCIPLINE SPECIFIC ELECTIVE (DSE) Research Methodology

Programme: Post Graduate in Arts/Science	Year: V	Semester: X
Subject: Defence and Strategic Studies	Course Code:	Course Title: Research Methodology

Course Outcomes The Goal of this course is to impart the knowledge about the methodology of research, and also to prepare students to apply their mind for applying the tools of modern research.

Theory- (Credit-4)	Distribution of marks according the University rule
Total No. of Lectures – Tutorials – Practical (in hours per week): 3-0-1	15 hrs for 1 credit theory, 30 hrs for 1 credit practical

Units	Course Contents	Lectures
Unit – I	1. Meaning and Objectives of Research 2. Types of Research 3. Concept and Nature of Research	12
Uni t – II	Research Design Identification of Research Problem - Formulation of Hypothesis – Sampling – Data Collection- Tools - Data Analysis - Techniques	12
Unit – III	1. Hypothesis: Meaning and Types 2. Characteristic and Sources of Hypothesis 3. Deference between Research Problem and Research Hypothesis	12
Unit – IV	Application of Statistics in Social Sciences Basics of Statistics - Data Analysis Techniques - Testing of Hypothesis - Statistical Packages - Statistical Inference	12
Unit – V	1. Review of Literature 2. Documentation Report writing - Citation Types, Compilation and Arrangement - Footnotes and References	12

BOOKS SUGGESTED

1. Bell J.E., Projective Techniques, Longmans, 1948
2. Best J.W., Research in Education, Prentice Hall, 1978
3. Lindmias D., Statistical Analysis in Educational Research, Oxford, 1968
4. Nachmias D. Research Methods in the Social Sciences, New York, 1981
5. Young P.V., Scientific Social Survey and Research, Prentice Hall of India, 1988 6. Mohd. Sulaiman, Research Methodology in Behavioral Sciences, Patna, 1998
6. Laxmi Narayan, Research Methodology, YK Publisher's Agra U.P.
7. B.M.Jain, Research methodology, Prakri Bharati Academy, Jaipur 9. C.R. Kothari, Research methodology: Methods and Techniques, 1985.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

M.A./M.Sc. Defence and Strategic Studies

DISCIPLINE SPECIFIC ELECTIVE (DSE) Politics of Indian Ocean

Programme: Post Graduate in Arts/Science	Year: V	Semester: X
Subject: Defence and Strategic Studies	Course Code:	Course Title: Politics of Indian Ocean

Course Outcomes This paper acquaints the students with the Geography and Politics of the Indian Ocean Region. This course also examines the interest of external powers, UNO and littoral states in the Indian Ocean.

Theory- (Credit-4)	Distribution of marks according the University rule
Total No. of Lectures – Tutorials – Practical (in hours per week): 3-0-1	15 hrs for 1 credit theory, 30 hrs for 1 credit practical

Units	Course Contents	Lectures
Unit – I	1.Indian Ocean and its Geographical Location 2. Importance of Indian Ocean- (A) Political (B) Military (C) Economic (D) Strategic	12
Uni t – II	Interest of External Powers in Indian Ocean (A) U.S.A. (B) Russia (C) China (D) UK (E) Japan	12
Unit – III	Indian Ocean as a Zone of Peace 1. Concept Definition, Objectives 2. Role of Super Powers, UNO and Littoral States	12
Unit – IV	1. Cold War and Post-Cold War Era 2. Security of India's maritime Infrastructures 3. Indian Naval Doctrine	12
Unit – V	1. Development of New marine technologies 2. Maritime Strategy of India 3. Prospects of Cooperation in the Indian Ocean Region	12

BOOKS SUGGESTED

1. India and the Indian Ocean-Chopra, M.K
2. Indian Ocean and Regional Security-Singh, B.
3. The Indian Ocean and its Islands. Strategic, Scientific and Historical Perspective Chandra, S. (ed.).
4. The Indian Ocean Region of Conflict or Peace Zone-Braun, D.
5. Intervention of the Indian Ocean-Namboodiri, PKO
6. Politics of the Indian Ocean-Singh R. K.
7. The Indian Ocean-A Strategic Dimension-Kaushik D.
8. Sea Power and Indian Ocean-Kohli S.N.
9. Indian Ocean Strategie Though the Ages-Bhargava, M.L.
10. India and the Western Indian Ocean States-AlL SR. (ed.)
11. The Indian Ocean Power Politics-Raghwan, S.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES
M.A./M.Sc. Defence and Strategic Studies
GENERIC ELECTIVE (GE) Introduction to Cyber Security

Programme: Post Graduate in Arts/Science	Year: V	Semester: X
Subject: Defence and Strategic Studies	Course Code:	Course Title: Introduction to Cyber Security

Course Outcomes The Goal of this course is to impart the knowledge about security dimensions of cyber threat and also to prepare students to apply their mind for prevention of such threats. The course should enable the students to gain knowledge about various types of Cyber Threats to National Security.

Theory-(Credit-4)	**Distribution of marks according the University rule**
Total No. of Lectures – Tutorials – Practical (in hours per week): 3-0-1	**15 hrs for 1 credit theory, 30 hrs for 1 credit practical**

Units	Course Contents	Lectures
Unit – I	1. Meaning, Definition and Concept of Cyber Security 2. Issues and Challenges of Cyber Security 3. Types of Cyber Crime- Hacking, Password Cracking, Insecure Network Connection, Theft at Tele Communication Services	12
Uni t – II	Laws of Cyber Security in India- 1. Cyber Security in India, Case Studies 2. Indian Laws on Cyber Security 3. Management of Cyber Security	12
Unit – III	Impact of Cyber Crime on National Security – 1. Impact on Armed Forces & Law 2. Enforcement Agencies' Information Systems - Impact on National Economy/Market -Impact on Citizen Security. 3. Risk Identification - Levels of Protection - Cyber Defensive Measures	12
Unit – IV	1. Roles of International Law, the state and Private Sector in Cyberspace, Cyber Security Standards. 2. Data Privacy Data Security 3. Global Issues in Cyber Security	15
Unit – V	Social Media and its Impact on National Security- Global reach with rapid speed for propaganda and indoctrinate misinformation and rumour mongering cadre recruitment and use of social networking sites for mobilizing public opinion.	09

BOOKS SUGGESTED

1. Beidleman, Scott W. (2009) Defining and Deterring Cyber War, Master's thesis, U.S. Army War College.
2. Borum, Randy, and Ronald Sanders, (2015) Cyber Intelligence: Preparing Today: for Tomorrow's Threats, Intelligence and National Security Alliance.
3. Godbole Nina, (2011) Cyber Security, Wiley India, New Delhi.
4. Godbole Nina, (2017) Information Systems Security: Security Management, Metrics, Frameworks and Best Practices, Wiley India, New Delhi.
5. Shoemaker, Dan and Conklin, Arthur (2011) Cyber Security - The Essential body of Knowledge, Cengage Learning.
6. Kim Andreasson, ed., (2012) Cyber Security - Public Sector threats and responses, CRC Press, Boca Raton, FL.
7. Lin V Choi ed., (2005) Cyber Security and Homeland Security, Nova Publishers, New York.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES
M.A./M.Sc. Defence and Strategic Studies
GENERIC ELECTIVE (GE) International Relations

Programme: Post Graduate in Arts/Science	Year: V	Semester: X
Subject: Defence and Strategic Studies	Course Code:	Course Title: International Relations

Course Outcomes The objective of the course is to help students to study and understand main concepts and theories and approaches of the discipline and the development of international relations of India with other countries.

Theory- (Credit-4)	Distribution of marks according the University rule
Total No. of Lectures – Tutorials – Practical (in hours per week): 3-0-1	15 hrs for 1 credit theory, 30 hrs for 1 credit practical

Units	Course Contents	Lectures
Unit – I	1. International Relations: Meaning, Nature and Scope 2. Theories and Approaches: Realism and Idealism 3. Foundation and Limitations of National Power and National Interest	12
Uni t – II	1. The role of ideology in international relations with special reference to Its role in Foreign Policy: Images & Beliefs. 2. Non-Alignment: Concept and Importance in Modern Time 3. Regional Organization- SAARC, ASEAN, BIMSTEC, BRICS	12
Unit – III	1. Cold War: Nature and Evolution since 1945 2. Detente 3. New Cold War Era	12
Unit – IV	1. Concept of Nation State and Nation State - Elements of State 2.The birth of nations, Decolonization and the Neo-colonialism. 3. Developments in the Third World: Regionalism	12
Unit – V	1. India and ASEAN; India as an Asia Pacific Power 2. India's Relation with USA, Russia, China, Israel, France 3. India's Foreign Policy: Its Foundations and Practice.	12

BOOKSSUGGESTED

1. Aron, Raymond (2003) Peace and War : A Theory of International Relations, Transaction Publishers.
2. Calvocoressi, Peter. (2008) World Politics since 1945, 9th Edition Longman.
3. Couloumbis, T.A and Wolfe, J.H. (1986) International Relations: Power and Justice, Prentice-Hall, New Jersey.
4. Frankel, Joseph (1979) International Relations in a changing world, Oxford university Press, London.
5. Frankel, Joseph (1968) Making of the Foreign Policy: An Analysis of Decision-making, Oxford University Press, London.
6. Knorr, Klaus and Verb, Sidney (1967) The International System: Theoretical Essays, Princeton University Press, N.J.
7. Kumar, Mahendra (2017) Theoretical Aspects of International Politics, Shivlal Agarwala and Company, New Delhi.
8. Morgenthau, Hans J. (1954) Politics Among Nations, Knopf, New York.
9. Northedge F.S. ed., (1969) Foreign Policy of the Powers, Faber & Faber.
10. Wright, Quincy, (1942) Study of War, University of Chicago Press.

Dissertation on Major / Dissertation on Minor / Academic project/Entrepreneurship

Programme: Post Graduate in Arts/Science	Year: V	Semester: X
Subject: Defence and Strategic Studies		
Course Code:	Course Title: Dissertation on Major / Dissertation on Minor / Academic Project /Entrepreneurship	
Outcome To learn how to select a Research Proposal based on research gap found during the literature survey or field observations made. Preparation of synopsis/outline will be also learned. Finally student will learn how to collect data and write a report based on the data analysis		
Credits: 06	Max. Marks: 100 (Evaluation by External & Internal Examiner) Dissertation: 75 Internal Assessment: Viva Voce + Attendance: 25 (20+5)	
The students will be required to select a topic and area of their interests with the help of their respective supervisors allotted to them by the Department. Research Project dissertation must be submitted to the Department one week before the commencement of the Theory Examinations. The size of the Dissertation normally ranges between 80 and 100 pages. The Research Project Dissertation will be evaluated by the external and internal examiners.		

(जनरल डॉ0 मोहन भण्डारी)
पी0वी0एस0एम0ए0बी0एस0एम0
वार, डी0लिट, फिमा जनरल रीट्रीट 1,
हिमालय मार्ग, रानीखेत
विषय विशेषज्ञ

(प्रो0 एस0 सी0 पाण्डेय)
पूर्व विभागाध्यक्ष
रक्षा एवं स्त्रातेजिक अध्ययन विभाग
डी0डी0यू0 गोरखपुर विश्वविद्यालय,
गोरखपुर
विषय विशेषज्ञ

(प्रो0 एन0 डी0 शुक्ला)
विभागाध्यक्ष
रक्षा एवं स्त्रातेजिक अध्ययन विभाग
राजकीय महाविद्यालय डोईवाला, देहरादून
विषय विशेषज्ञ

19/07/25

(प्रो0 अरविन्द अधिकारी)
संकायाध्यक्ष – कला संकाय
एस0एस0जे0 विश्वविद्यालय
अल्मोड़ा

(प्रो0 सुशील कुमार जोशी)
संकायाध्यक्ष – विज्ञान संकाय
एस0एस0जे0 विश्वविद्यालय
अल्मोड़ा

19-7-25

(डॉ0 डी0 के0 उपाध्याय)
विभागाध्यक्ष / संयोजक (अध्ययन परिषद)
रक्षा एवं स्त्रातेजिक अध्ययन विभाग
एस0एस0 जीना विश्वविद्यालय
एल0एस0एम0 परिसर, पिथौरागढ़