



**Sri Dev Suman Uttarakhand University**

Badshahithol, Tehri (Garhwal), Uttarakhand - 249199

**श्री देव सुमन उत्तराखण्ड विश्वविद्यालय**

बादशाहीथौल, टिहरी (गढ़वाल) उत्तराखण्ड - 249199



Shri Dev Suman

## **Department of Defence and Strategic Studies**



**M.A./M.Sc. Programme**

in

**Defence and Strategic Studies**

## Curriculum Design Committee, Uttarakhand

S. No.	Name & Designation
1.	Prof. N.K. Joshi Vice-Chancellor, Sridev Suman Uttarakhand University, New Tehri Chairman
2.	Vice-Chancellor, Kumaun University, Nainital Member
3.	Prof. Jagat Singh Bisht Vice-Chancellor, Soban Singh Jeena University Almora Member
4.	Prof. Surekha Dangwal Vice-Chancellor, Doon University, Dehradun Member
5.	Prof. O. P. S. Negi Vice-Chancellor, Uttarakhand Open University, Haldwani Member
6.	Prof. M.S.M. Rawat Advisor, Rashtriya Uchchatar Shiksha Abhiyan, Uttarakhand Member
7.	Prof. K. D. Purohit Advisor, Rashtriya Uchchatar Shiksha Abhiyan, Uttarakhand Member

### Syllabus Preparation Committee

<b>S.N.</b>	<b>Name</b>	<b>Designation</b>	<b>Department</b>	<b>Affiliation</b>
1.	Dr. Yatish Vasisth	Professor	Defence and Strategic Studies	SDSU, Badshahithaul, New Tehri, Tehri Garhwal, Uttarakhand
2.	Dr. Deergh Pal Singh Bhandari	Professor	Defence and Strategic Studies	SDSU, Badshahithaul, New Tehri, Tehri Garhwal, Uttarakhand
3.	Dr. D.S. Topwal	Asst. Professor	Defence and Strategic Studies	SDSU, Badshahithaul, New Tehri, Tehri Garhwal, Uttarakhand
4.	Dr. Kamlesh Chandra Pandey	Asst. Professor (Temporary)	Defence and Strategic Studies	SDSU, Badshahithaul, New Tehri, Tehri Garhwal, Uttarakhand

## Department of Defence and Strategic Studies

SRI DEV SUMAN UTTARAKHAND UNIVERSITY, BADSHAHITHAUL  
UTTARAKHAND

### **M.A./M.Sc. Programme in Defence and Strategic Studies**

Semester Courses based on CBCS

#### **Programme Structure:**

The course of M.A./M.SC. (Defence and Strategic Studies) will spread in 2 years— Previous and Final. Each of which will have two semester examinations and therefore there will be four semester examination.

#### **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 and strategic 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 interacts.
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.

### **M.A./M.Sc. Previous Year (Defence and Strategic Studies)**

The M.A./M.Sc Previous (Defence and Strategic Studies) will consist of two semesters, called as first and second semesters. Their examinations will be held in the months of December and May respectively. In each of these semester examinations, there will be four compulsory theory papers and one practical paper. Each theory paper will be of three hours duration and of 4 credit i.e. Maximum Marks 100. There will be 30%(30 marks) internal evaluation in each paper based on:

1. Attendance 10 Marks
2. Class Test/Assignment 10 Marks
3. Seminar 10 Marks

In each of these semester examinations there will be one compulsory practical paper that will be of 8 credit i.e. Maximum Marks 200. There will be 30% internal evaluation in practical examinations.

### Format of the Question Paper:

The question paper will be consisted of three sections: Section- A, Section- B and Section- C. In Section- A there will be one compulsory question, numbering Question no. 1, consisting of 4 parts of short answer type questions based on the whole course, out of which all parts will have to be answered. There will be 8 questions numbering Question no. 2 (a or b), Question no. 3 (a or b), Question no. 4 (a or b) and Question no. 5 (a or b), from four units (**two from each unit**), out of which 4 questions will have to be answered (**one from each unit**). There will be 4 long answer type questions numbering Question no. 6, 7, 8 and 9 in Section- C from 4 units (**one from each unit**) out of which any 2 questions will have to be attempted. Thus in all, 7 questions will have to be attempted and 13 questions will have to be set.

### Course Structure

#### First Semester

S.No	CODE	COURSE NAME	TYPE	CREDITS
1	DSS- 401	National Security	Core	4
2	DSS- 402	Indian Military History	Core	4
3	DSS- 403	International Relations and Conflict Resolutions	Core	4
4	DSS- 404	Strategic Thought –Part I	Core	4
5	DSS- 405	Practical		8
6		Seminar		1

#### Second Semester

S.No	CODE	COURSE NAME	TYPE	CREDITS
1	DSS- 501	Indian Art of Warfare Up to 1857	Core	4
2	DSS- 502	Defence Psychology	Core	4
3	DSS- 503	Law of War and Peace	Core	4

4	DSS- 504	Strategic Thought –Part II	Subject Elective	4
5	DSS- 505	Indian National Security	Subject Elective	4
6	DSS- 506	Practical		8
7		Seminar		1

## **M.A./M.Sc Final Year (Defence and Strategic Studies)**

The M.A./M.Sc Final (Defence & Strategic Studies) will consist of two semesters, called as third and fourth semesters. Their examinations will be held in the months of December and May respectively. In the third semester examinations, there will be four compulsory theory papers and one practical paper. In the fourth semester examinations, there will be three compulsory theory papers and three elective theory papers out of which student will opt one elective paper. In both the semesters each theory paper (compulsory and elective) will be of three hours duration and of 4 credit i.e. Maximum Marks 100. There will be 30%(30marks) internal evaluation in each paper based on:

1. Attendance 10 Marks
2. Class Test/Assignment 10 Marks
3. Seminar 10 Marks

In each of these semester examinations there will be one compulsory practical paper that will be of 8 credit i.e. Maximum Marks 200. There will be 30% internal evaluation in practical examinations.

### **Format of the Question Paper:**

The question paper will be consisted of three sections: Section- A, Section- B and Section- C. In Section- A there will be one compulsory question, numbering Question no. 1,



consisting of 4 parts of short answer type questions based on the whole course, out of which all parts will have to be answered. There will be 8 questions numbering Question no. 2 (a or b), Question no. 3 (a or b), Question no. 4 (a or b) and Question no. 5 (a or b), from four units (**two from each unit**), out of which 4 questions will have to be answered (**one from each unit**). There will be 4 long answer type questions numbering Question no. 6, 7, 8 and 9 in Section- C from 4 units (**one from each unit**) out of which any 2 questions will have to be attempted. Thus in all, 7 questions will have to be attempted and 13 questions will have to be set.

## Course Structure

### Third Semester

S.No	CODE	COURSE NAME	TYPE	CREDITS
1	DSS- 601	Defence Economics (Part I)	Core	4
2	DSS- 602	Theories of Guerrilla warfare	Core	4
3	DSS- 603	Issue in Himalayan Security	Subject Elective	4
4	DSS- 604	Politics of Indian Ocean	Subject Elective	4
5	DSS- 605	Concept of War and Peace	Open Elective	4
6	DSS- 606	Introduction to Military Geography	Open Elective	4
7	DSS- 607	Practical		8
8		Seminar		1

**Fourth Semester**

S.No	CODE		TYPE	CREDITS
1	DSS- 701	Defence Economics (Part II)	Core	4
2	DSS- 702	Application of Guerrilla warfare	Core	4
3	DSS- 703	Role of India in International Relations and Conflict Resolution	Subject Elective	4
4	DSS- 704	Disarmament & Arms Control	Subject Elective	4
5	DSS- 705	South Asia Conflict Co-operation	Open Elective	4
6	DSS- 706	Science Technology & National Security	Open Elective	4
7	DSS- 707	Dissertation/Practical		8
8		Seminar		1

## **M.A./M.Sc First Semester Based on CBCS (Defence and Strategic Studies)**

**DSS- 401:**

**National Security**

**Total Credit- 4**

### **Paper I: National Security**

#### **Unit I**

Concept of National Security

Concept of Power

#### **Unit II**

National Power and its elements

A. Tangible elements of National Power

B. Intangible elements of National Power

#### **Unit III**

Alternative Models of International and Security:-

A. Balance of Power

B. Collective Security

C. Collective Defence

D. Non-alignment

#### **Unit IV**

Arms proliferation and Prospects for Arms Control

Linkages between Foreign and Defence Policies and domestic development

#### **Books Recommended**

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 communism Bandopadhyaj.
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 Depot. fareilly) Singh L.J.

**DSS-402:**

**Indian Military History**

**Total Credit-4**

**Paper II Indian Military History**

**Unit I**

Basic Concept of military History

Military System of Vedic and Epic Age (1500-600BC)

Battle of Hydaspes (326BC)

**Unit II**

Warfare and military Organisation (600-185 BC) and Kautilya's Philosophy of warfare Age of Guptas and Harsh Vardhana . Changes on Hindu Military System

**Unit III**

Arab and Turk invasions of India: New Trends of Warfare

Rajput Military System – Art of warfare with Special reference to the First and Second Battle of Tarrain

**Unit IV**

Military reforms and patented of warfare during the Saluted Period

**Books Recommended**

1. The Art war in Ancient India Calcutta . 1943-P. C Chakravarty
2. War in Ancient India Mardras . 1930 – R.C. Dikshit
3. The Indian Military History,-Lallanji Singh, Parkash Book Depot, Bareilly 243003
4. Kautilyasa Philosophy of War-Lallanji Singh, Parkash Book Depot Bareilly 243003
5. Ramayan Kalin Yudh kala, Abhinav Parkashan, Agra, 1980
6. A History of India From Earliest Times to the Present day-Edward, M.
7. Alexander the Great-J FC Fuller
8. Ancient Indian Warfare-S.D. Singh
9. Military History of India J. N. Sarkar

**DSS-403: International Relations and Conflict Resolutions Total Credit -4**

**Paper III: International Relations and Conflict Resolutions**

**Unit I**

System Theory  
Decision Making Theory  
Communication Theory  
Game Theory

**Unit II**

Power and National Interest  
Ideology and Foreign Policy

**Unit III**

War and Politics  
War as an Instrument of National Policy

**Unit IV**

North South Conflict  
Pacific Settlement of Disputes and Collective Security System

**Unit V**

Impact of Science and Technology an International Relation  
Nuclear Weapons and their Impact an International Relation

**Books Recommended:-**

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

**DSS -404: Strategic Thought Part I**

**Total Credit- 04**

**Paper IV: Strategic Thought Part I**

**Unit 1**

Kautilya

Sun-t-zu

**Unit II**

Niccolò Machiavelli

Gustavous Adolphus

**Unit III**

Frederick the great

Sebsstein Vauban

**Unit IV**

Napolean Bonapart

Karl Marx and fedrick Engles

**Unit V**

Jomini

**Books Recommended-**

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-Translated 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

**DSS-405:**

**Practical**

**Total Credit-08**

**Practical**

1. News Paper Cutting on National and International affairs during I<sup>st</sup> 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., Macmohan, Siachen Glaciars, Kargil, Karakoram Pass, Darras, Batalik
  - (B) Important Pass in Himalayan regions
  - (C) India's Nuclear Reactor
  - (D) Andaman and Nicobar Island & Lakshadweep

**Seminar :** As prescribed

## **M.A./M.Sc Second Semester Based on CBCS (Defence and Strategic Studies)**

**DSS -501: Indian Art of Warfare Up to 1857**

**Total Credit- 04**

### **Paper I: Indian Art of Warfare Up to 1857**

#### **Unit I**

The Development in Mughal Military system and change in Art of warfare (1526-1527)  
with Special reference to the battle of Panipat and Khanwa  
Causes of the failure of Mughal Military System

#### **Unit II**

Martha Military Systems with Special Reference to  
(A) The Thind Battle of Panipat (1761 A.D)  
(B) The Battle of Assaye (1803 A.D)

#### **Unit III**

Sikh Military System with Special reference to the battle of Sohran (1857 A.D.)

#### **Unit IV**

1. Development of the Presidency Armies under the East India Company
2. Indian War of Independence 1857 A.D.

#### **Books Recommended:-**

1. The Indian Military History, Parkash Book Depot Bareilly--243008, Lallan J. Singh
2. The Indian Military History and Principles of war Parkash Book Depot Bareilly 243003 (1985-56) Lallas 1, Singh
3. Military System of Marathas (Calcutta) S N. Sen
4. A. History of India from Earliest time to the present day - Edward M
5. Fall of Mughal Empire vols 1- IV JN. Sarkar
6. History of India Shipping and Maritime Activities (London 1912) R.K. Mukherjee
7. Ancient Indian Warfare-SD. Singh
8. Military System of The Marathas-BK. Majumdar
9. British India 1772-1947 Edward M.



**DSS -502: Defence Psychology**

**Total Credit- 04**

**Paper II: Defence Psychology**

**Unit I**

Development of Defence Psychology and its Relevance in Defence Problem

**Unit II**

Personal Selection and Classification of Defence Services

Factors in Adjustment during Army life Psychological, Defence and Escape

Mechanism Problems of Adjustment of Ex Soldiers

**Unit III**

Leadership - Nature Function Types and emergence of a Leader Military Leadership

Grid Morale-Nature: Determinants and techniques of boosting Morale

**Unit IV**

**Psychological warfare**

(A) Nature, Types and techniques of civil propaganda

(B) Nature, techniques, merits and demerits of Rumour, its impact on war and society,

(C) Brain Washing

**Books Recommended:-**

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. Thought, Reform and Psychology of Totalism
8. Coercive Persuasion-Schein, E.H.
9. Techniques of Persuasion-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

**Paper III: Law of war and Peace**

**Unit I**

Meaning and Definition of war and Peace  
War and its effect

**Unit II**

Law of war –

- (A) Land warfare
- (B) Law of Air warfare
- (C) Law of Sea warfare
- (D) Law of Nuclear warfare

**Unit III**

War Crimes Settlement of  
Disputes

**Unit IV**

International Terrorism and International Law  
U.N. Organization and its Peace Keeping Role

**Books Recommended –**

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

**DSS -504: Strategic Thought Part II**

**Total Credit- 04**

**Paper IV: Strategic Thought Part II**

**Unit I**

A.T. Mahan

Mackinder

**Unit II**

Douhet

Ludden Dorff

**Unit III**

Hitler

Marchal Foch

**Unit IV**

J.F.C. Fullar

Liddle Hart

H. Delbruck

**Unit V**

Karl Marx

Lenin

Mao-tse-tung

Che Guevarra

**Books Recommended:-**

1. Command of the Air-Douhet
2. The Essentials of Military Knowledge-D. K. Palit
3. Makers of Modern Strategy-Peter Paret
4. Evolution of Tactics-Gilbert
5. Deterrent and Defence-Liddle Hart
6. Article London Time, Dated-25-26 oct 1937

**Paper V: Indian National Security**

**Unit I**

Problems and Policy of India's Security and defence in pre- independence period

**Unit II**

(A) India's Quest for Security Problems

(B) Foreign and defence policies and postures with reference to 1962 Conflict, Kutch Dispute, 1965 Conflict, 1971 War and after

**Unit III**

Internal Security of India-

(A) Socio, Economic, Political

(B) Scientific and Technological

(C) Military and Allied aspects

**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

**Unit V**

India's Nuclear Policy

Pakistan Nuclear Policy and its implication on India's Security

**Books Recommended:-**

1. Scio – Economic Development Problem South and South East Asia – Alan S, and Ready, G.E.
2. Indian and the Western Indian ocean States Toward Region –Ali S. H and Ramchandani,R.R.
3. Selected Documents on India's Foreign Policy and Relations 1947-72 Appadurai, A
4. Northern Frontier of India – Bajpai, S.C.
5. Making of India's Foreign Policy Bandipadhya, J.
6. In the wake of Naxalbari – Banerjee, S.
7. India in Perspective Issues – Basu, D.N.
8. India and U.S. – Bose, N.S.
9. India and world Politics Krishna Menon's View of the world- Breacher, M.
10. Indo Pak Conflict – Brines, R.
11. On an India Border – Chopra, P.N.
12. Naxalite Movement – Das Gupta, B.
13. Essays on India's Foreign Policy – Doctor, A. H
14. Basic documents in the development of Modern India and Pakistan -1953-1947- Dobbin,C.E
15. Panjab, Northwest Frontier Province and Kashmir –Dorie, J.
16. Towards Closer Indo Soviet Cooperation- Dutt, S.
17. Himalayan Battle Ground, Sino – Indian rivalry Ladakh .- Fisher, M.W. and others .

## **DSS-506 Practical Total Credit -08**

### **Practical**

1. New Paper Cutting a National and International affairs during II<sup>nd</sup> 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-15
  - (E) OPEC
  - (F) G-4
  - (H) NATO
  - (I) ASEAN
  - (J) SAARC
4. Field Excursions/ Tour Report

Note: - In view of the courses of the National Security and Area Studies, the students are required to visit the installation of military significance so as to enable them to understand the ground realities. Based on the field study the students have to prepare their respective reports and the candidate would be examined at the time of practical examination of the subject. The University may provide financial assistance to teacher- in charge and the students of the concerned tour. Non – Teaching staff may be given financial help in this regard.

**Seminar :** As prescribed

**M.A./M.Sc Third Semester Based on CBCS (Defence and Strategic Studies)**

**DSS -601:                    Defence Economics (Part I)                    Total Credit- 04**

**Paper I: Defence Economics ( Part I )**

**Unit I Economic System: From industrial revolution to modern times**

- A. Capitalis
- B. Socialiam
- C. Mixed Economy

**Unit II Economic Theories of Defence**

- A. Adam Smith
- B. D. Ricardo
- C. FW. Hirst
- D. J.M. Keynes

**Unit III**

War potential of a Nation, Natural, Physical, Industrial and Man Power  
Problems of defence in relation to the limitation of resources

**Unit IV**

Determinants of Defence Budget  
Defence and Development  
Mobilization of Resources for Defence Methods for Mobilization  
Trends of Defence Budget in India since Independence

**Books Recommended:-**

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.

**Paper II: Theories of Guerrilla warfare**

**Unit I**

History and Theory of Guerrilla warfare  
Revolutionary wars and Guerrilla warfare

**Unit II**

Three intangibles of Guerrilla warfare  
(A) Time Space and Wall  
(B) Characteristic of Guerrilla warfare

**Unit III**

Characteristic of Guerrilla warfare, Special criteria governing Guerrilla warfare, Environment  
Unity of movement Community support Security, division of function and Proximity.  
Strategy and Tactics of Guerrilla warfare

**Unit IV**

Unconventional warfare in the Nuclear Era

**Books Recommended-**

1. The Native of Revolutionary Guerills war-Griffith, S.B.
2. Hand book of iciligence and Guerrilla warfare (University of Michigan, Prew 1963) Oblow  
Alexandera
3. Che Gueras-James Darial
4. Chhapamar Yudh (Hindi) May Sita Ram Jouhri
5. Fundamental of Guerrilla warfare- Abdul Haris Nasution
6. Guerrilla warfare on war- Baljeet Singh and Others
7. Insurgency and Counter Insurgency -Anand V.K.

**DSS -603:**

**Issue in Himalayan Security**

**Total Credit- 04**

**Paper III- Issue in Himalayan Security**

**Unit-I**

- (1) Geo-Strategic & Geo-Polities Importance of Himalayan regions
- (2) The role of Himalayas in National Security with Special reference to India.

**Unit II**

Importance of Indian Border States in maintaing Himalayan Security

- 1-North-East region
- 2-Middle region
- 3-North-Western regions

**Unit III**

Problems involved in maintaing Himalayan  
Security 1-Transport & Communication 2-Climate

- 3-Terrain
- 4-Social. Economic & Political Condition of the regions

**Unit IV**

Measures required for the Security of the Humalayan regions

- 1-Confidance Building measures 2-Military measures
- 3-Social & Political measures

**Books Recommended:-**

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 .ET.
5. India China Border Disputes-ML. Sali
6. Himalayan Blunder-J.P. dalvi
7. National Security-Dr. LJ. Singh



**DSS -604: Politics of Indian Ocean Total Credit- 04**

**Paper IV: Politics of Indian Ocean**

**Unit I**

- 1-Indian Ocean and its Geographical Location
- 2-Importance of Indian Ocean-  
(A) Political (B) Military (C) Economic (D) Strategic

**Unit II**

- Interest of External Powers in Indian Ocean  
(A) U.S.A. (B) Russia (C) China (D) UK

**Unit III**

- Indian Ocean as a Zone of Peace  
(A) Concept Definition, Objectives  
(B) Role of Super Powers, UNO and Littoral States

**Unit IV**

- (A) Cold war and Post Cold war Era  
(B) Security of India's maritime Infrastructures  
(C) Indian Naval Doctrine

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-AIL SR. (ed.)
11. The Indian Ocean Power Politics-Raghwan, S.

**Paper V: Concept of War and Peace**

**Unit I:**

Basic Concepts of war,

(A) Nature and Scope of war,

(B) Strategy, Grand Strategy, Tactics

**Unit II**

Categorization of War-Civil War, Cold War, Limited War, Total War, Guerrilla War,  
Low Intensity War

**Unit III**

Causes and Principles of war

War as an Instrument of State Policy

**Unit IV**

Meaning and Definition of Peace

Concept and Theories of Peace keeping and Peace building.

Mechanics of war and Peace. Amicable Settlement of International disputes, Peace Treaties.

**Books Recommended:-**

1. Aron, R-War & Peace
2. L. J. Singh-Problems of war & Peace
3. Wright Quincey-Study of war Vol. I & II
4. Carb-The relativity of War & Peace
5. M.N Gotovine-Conflicts in Space
6. Anlutio Echevarra-Imagining Future war, War & Technology and History
7. Fadiya B.L.-International Relation
8. Fadiya B.L- International Law

## **DSS -606: Introduction to Military Geography Total Credit- 04**

### **Paper VI: Introduction to Military Geography**

#### **Unit I**

Scope and Importance of Geo, Strategy & Geopolitics

Role of Geography in Military applications

#### **Unit II**

Evaluation of Geographical environment, Military implications of Terrain, Changes in transport and Communication Technology and geographical Changes

#### **Unit III**

Geographical Study of India's Border regions

A. Northern regions of India

B. Central regions of India

C. Western regions of India

#### **Unit IV**

Military Geography and Defence Problems-

B. Nature of boundaries and Causes of Conflict among nations land and sea Frontiers.

C. Sino-Indian, Indo-Pak, Indo-Bangladesh border disputes and India Continental Strategy with her neighbors

#### **Books Recommended:**

1. Himalayan Kingdoms-P. Karant and M. Jenkins
2. Himalayan Border Land - Ram Rahul
3. Sikkim and Bhutan -Cloude & White
4. Security in South Asia-SP. Choen
5. National Defence-Prof. Harvrer Sharma
6. National Defence & Security-Prof. Lallanji Singh
7. Dust for an International order with Indian Ocean-Prof. K.P. Mishra
8. Indian Ocean and Regional Security-Lt. Col. B Singh,
9. Indian Ocean Conflict and Regional Cooperation-A Majeed,
10. Politics of the Indian Ocean-KR. Singh

**DSS 607**

**Practical**

**Total Credit-08**

**Research Methodology**

This introduces the students to various tools and approaches used in social sciences and the formulation of a Research Framework.

1. Nature of Social Sciences and Research
2. Recent trends in Social Science Research
3. Descriptive and Historical Methods
4. Scientific Approaches
5. Planning a research Project

**Seminar :** As prescribed

**M.A./M.Sc Fourth Semester Based on CBCS (Defence and Strategic Studies)**

**DSS -701:                    Defence Economics (Part II)                    Total Credit- 04**

**Paper I: Defence Economics (Part II)**

**Unit I**

Defence Production in India

A. Ordnance Factories

B. Defence Public Sector Undertakings

**Unit II**

Problems of Imported Technology in Defence Production

Role of D.R.D.O. in Defence Production

**Unit III:**

Economic Warfare: its Techniques and Importance in modern times

Economic causes of War

**Unit IV**

Effects of War

A. Problem of Balance of Payment

B. Problem of Rehabilitation

**Unit V**

Economics of Conventional V/S Nuclear Weapons System

Economics of Disarmament

**Books Recommended-**

1. The Economic warfare-Medicott W. N.
2. Economics of Developments-Singh D. Bright
3. Economics of Defence-Hitch and Mekean
4. Decision making for Defence-Hitch
5. Economics-Samuelson Paul
6. Monetary Theory and Fiscal Policy-Euson

**DSS -702:            Application of Guerrilla Warfare            Total Credit- 04**

**Paper II: Application of Guerrilla warfare**

**Unit I**

Thoughts of Mao-Tse-Tung and Cheguerara, Mordern Concepts, Urban Guerrilla and its Philosophers

**Unit II**

Insurgency and Counter Insurgency in the Mountains of Indo-China and Vietnam Emergency in Malaya 1948-1960

**Unit III**

Problems of Insurgency and Counter Insurgency in India

(A) North Eastern States

(B) Kashmir

(C) Causes and examples of insurgency in the developing Countries

**Unit IV**

Naxlite Movement in India its cause and effects

**Books Recommended-**

1. Modern Guerrilla warfare free Press of Glenace (1963)- Mark Franklin
2. Defeating Communist insarcency (Studies in International Society)-Thompson R.
3. Ruler of Red China-Payne-Mao-Tse-Tung
4. Strategy and Guerrilla Warfare - Mao Tse-Tung
5. Chinese of Cocept of war-Mao Tse-Tung
6. Counter-Guerrilla operations-Valeriano N.D.
7. Counter Insurgency war fear Theory and Practice-Galula D.
8. Counter Insurgency an the Global war on Terror-Cassidy R. M.

**DSS -703: Role of India in International Relations and Conflict Resolution    Total Credit- 04**

**Paper III: Role of India in International Relations and Conflict Resolution**

**Unit I**

Main features of India's Foreign Policy  
India's Security Policy- National and International

**Unit II**

Development of International Relations between  
(A) India and Super Power  
(B) India and Neighboring Countries

**Unit III**

N.P.T and C.T. B.T

**Unit IV**

Regional Conflict and Role of UN  
Peace Keeping in International Politics

**Unit V**

Regional Organization (SAARC, EEC, ASEAN, Arab- Israel and indo-Pakistan Countries)

**Books Recommended-**

1. Indo-US Relations and Peace Prospects in South west Indian ocean-Agrwal A.
2. Indo Tibet Chaina Conflict-Lal, D.
3. International conflicts and Peacemaking Process-Chandra S. ETC
4. Pakistan in Regional and Global Politics - Rajshree Jetly
5. US. Policy Towards South Asia with Spl. Reference to Indo Pak Politics-Aflab Alam
6. US Military Aid to Pakistan and India Security-Aftab Alam
7. India's Foreign Policy- W. Chiman
8. The Impact of war on International Relation Since 1945-Lallanji Singh
9. National Defence and Security (P.C.S.) Lallanji Singh
10. India and The Cold war-K.P.S. Menon

**Paper IV: Disarmament & Arms Control**

**Unit I**

Basic Concept & Theory

- (A) Concept of Disarmament and Arms Control
- (B) Objectives and Condition of Disarmament

**Unit II**

Historical Survey of Disarmament Efforts

- (A) Under League of Nation (B) Under U.N.O.

**Unit III**

National Policies in Arms Control, Disarmament and Nonproliferation-

- (A) United States, (B) Russia, (C) China, (D) UK, (E) France.

**Unit IV**

National Policies and Arms Control, Disarmament and Nonproliferation-

- (A) India (B) Pakistan, (C) North Korea, (D) Iran (E) Iraq

**Unit V**

Terrorism and Nuclear Proliferation.

**Books Recommended-**

1. India's Nuclear Policy Disarmament and International Security-S.K. Mishra
2. Nuclear 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



**DSS -705: South Asia Conflict Co-operation Total Credit- 04**

**Paper V: South Asia Conflict Co-operation**

**Unit - I South Asia**

- (A) Geographical Setting
- (B) Political Setting
- (C) Social and Cultural Setting

**Unit- II Power Rivalries in South Asia**

- (A) U.S.A.
- (B) Russia
- (C) China

**Unit- III Problems and Conflicts in South Asian region with Special reference to**

- (A) India
- (B) Pakistan
- (C) Bangladesh
- (D) Srilanka
- (E) Nepal
- (F) Afghanistan

**Unit- IV Inter State dispute between**

- (A) India and Pakistan
- (B) India and China

**Unit-V Cooperation among south asian states**

- (A) Origin and Development of SAARC
- (B) Role of SAARC. Problems and Prospects

**Books Recommended:-**

1. Study in South Asia-AJ. 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 21 Century-Jasjit Singh

6. Regional Security in South Asia-Jetly
7. Security in South Asia-RC. Mishra
8. Indian the New Asia Pacific - M.L. Sondhi
9. Nuclear isation in South Asia-R.K. Khilmari
10. Restructring South Asian Security-V. Saighal

**Paper VI: Science Technology & National Security**

**Unit-I**

The Age of Gun Powder and the beginning of Modern warfare up to Napolen era  
Impact of Science and Technology before I world war

**Unit II**

World War I and the Total wars

(A) Weapons, doctrines and Tactics of Land warfare

(B) Weapons & Tactics in Sea warfare

(C) Weapons & Tactics in Air warfare

**Unit-III**

Technological development between the world wars I and II in Land, Sea and Air

**Unit IV**

World war -The birth of Nuclear weapons and Nuclear Doctrines

**Unit-V**

Revolution in Military Affairs and its Impact on weapons and warfare

(A) Emergence of New Technologies

(B) Electronic warfare & its Impact

(C) Information warfare

(D) Chemical & Biological Weapons

(E) Nuclear weapons and Missile Technology

Emerging New Technologies in Air Force & Navy

**Books Recommended:-**

1. Military Technology and Equipment Technology-Elexander J
2. Military Transformation and Modern warfare-Sloan E.
3. Military war and Rescue Techniques-Anil K.C
4. Military war and Rescue Techniques-Dixit A. K
5. Successful Technology Armed Forces and The Society-Prasad R.

**DSS-707****Dissertation/Practical****Total Credit-08**

The students will be assigned with the responsibility to prepare/ conduct Computer-based exercises or Computer experiments on selected topic of contemporary relevance in the field of **National/International Security** for the following. Every Student will submit his /her dissertation in 03 copies (hard& soft) in the department and will prepare a power point presentation (PPT) followed by viva–voce.

**Seminar :** As prescribed