

SEMESTER – I

Course Title **Theory and practice of War (DSSC-401)**

Objective- The purpose of this paper is to acquaint students about the basic concepts of war and its historical evolution.

Unit 1 **Evolution of Warfare**

- Concept, Nature, Scope and Principles of War.
- Theories of War.
- **Animal Warfare.**
- Primitive Warfare.
- Historic Warfare.
- Modern Warfare.

Unit 2 **Types of War**

- Guerilla Warfare and Low Intensity Conflict: Concept, Origin, Scope and Objectives.
- Limited War: Meaning, Origin, Scope and Objectives.

Unit 3 **War in Nuclear Age**

- Beginning of Nuclear Era.
- Main effects of Nuclear Energy: **Flash, Heat, Blast and Nuclear Radiation.**
- Theories of Nuclear Deterrence: Preventive, Pre-emptive, Massive Retaliation and Flexible Response.

Unit 4 **Ballistic Missile Defence:**

- Missiles and their classification
- Ground Based ABM System.

Space Based Strategic Defence Initiative:

- Concept of Star War
- Space based battle stations.
- Counter Measures: NMD, TMD

Course Title **Military History of India (DSSC-402)**

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

UNIT 1 - Macedonian and Indian Military Organisations and techniques of fighting with particular reference to the Battle of Hydaspes, 326 B.C.

- Kautilya's Philosophy of War.

UNIT 2 - Military organisations and techniques of fighting of Rajputs and Turks with particular reference to the Battle of Tarain, 1192 A.D.

- Military organisations and techniques of fighting of Mughals with particular reference to the First Battle of Panipat, 1526 A.D.

UNIT 3 - Military organisations of Marathas under Shivaji and his techniques of fighting.

- Military organisation of Sikh Army and its fighting techniques under Maharaja Ranjit Singh.

UNIT 4 - Anglo-Maratha Warfare with particular reference to the Battle of Assaye, 1803 A.D.

- Anglo-Sikh Warfare with particular reference to the Battle of Chillianwala 1849 A.D.

Course Title **National Security- Conceptual Aspects (DSSC-403)**

Objective - The course attempts to conceptualize the related complexities of National Security and provide students with conceptual and definitional delineation of security, national interests, national power, 'national security', in a broader spectrum of strategic studies in detail.

UNIT 1 **Concepts of Security**

- National Security
- Regional Security,
- Global Security;
- **Human Security,**

- **Environment Security.**
- National Defence and Security Policies: Formulations and Linkages.

UNIT 2 Determinants of National Security with reference to the followings

- **Geographical factors: location, boundary and frontiers, terrain and access to high seas.**
- Social and Political factors.
- Economic and Industrial potential.
- Scientific and technological potential.
- **National unity and National morale.**
- Transport and communication.
- Defence potential and defence preparedness.
- Intelligence.

UNIT 3 Challenges to National Security

- Internal Challenges
- External Challenges
- Contemporary International Strategic environment.
- Military Alliances and their role in 21st century.

UNIT 4 Unconventional Threats

- Small arms Proliferation,
- Weapons of Mass Destruction (WMD) proliferation and
- **International terrorism.**

Course Title International Relations-I (DSSC-404)

Objective - The objective of the course is to develop a basic understanding of the theoretical and practical related perspectives of the conduct of International Relations relevance for nation states leading towards a holistic appreciation of National Security studies and allied aspects.

UNIT 1 International Relations

- Concept, Nature, Scope and its Historical Evolution
- Contending Theories of International Relations -

- Realist theory
- Decision making theory
- Systems theory
- Marxian theory

UNIT 2 Nation, State and Nation-State system

- Difference between 'Nation' and 'State';
- Origin, basic characteristics, setbacks and relevance of the nation-state system in contemporary times.

UNIT 3 National interest

- Definition, types and methods of securing national interest.
- Role of National Interest in the formulation of foreign and defence policies.
- Diplomacy and its role in settling international disputes.
- Balance of Power: Historical Evolution and its relevance in contemporary times.

UNIT 4 International Economic Order

- From Breton Woods to WTO and the North South Dimensions

Course Title Strategic Thought (DSSC-405)

Objective - This paper provides basic knowledge about the concepts of selected strategic thinkers. The aim of the paper is to understand the thoughts of the thinkers and their relevance to the present times.

UNIT 1 Strategic Thinking

- Kautilaya's Philosophy of war.
- Sun Tzu- The Art of war.
- Mao-Tse-Tung's views on Guerrilla warfare.

UNIT 2 Geo-politics

- **Mackinder and Haushofer: Their ideas on geo-politics.**
- Clausewitz's theories on war: War and its relationship with Policy, Strategy and Tactics.

UNIT 3 Land, Sea and Air Power

- J.F.C.Fuller and Liddell Hart: their views on warfare

- Mahan's Views on Sea Power and Naval Warfare.
- Douhet and Mitchell: Their views on the Role of Air Power in Modern Warfare.

UNIT 4

Nuclear Warfare

- John Foster Dulles and Andre Beaufre - Theories of Nuclear War and Deterrence.

UNIT 4 **Defence Production of India**

- India's policy on Defence Production:
- Department of Defence Production and Supplies;
- Ordnance Factories; and Defence Public Sector Undertakings (DPSU's); and
- Role of Private Sector (Make in India) in Defence Production.

COURSE TITLE - SCIENCE, TECHNOLOGY AND NATIONAL SECURITY (DSSC-414)

Course Objectives - The paper brings out the valuable contribution of science in the defence of the nation and its utilization in advanced technology to develop more accurate weapons and other defence systems. It traces the historical development of armaments till the current use of artificial intelligence and drones in defending national interests.

UNIT 1 **ROLE OF SCIENCE & TECHNOLOGY**

- Science, Technology and National Security.
- **Impact of Science and Technology on Society and warfare.**

UNIT 2 **TRANSFER OF TECHNOLOGY**

- International interdependence
- Role of Multinational Corporations.

UNIT 3 **ARMAMENT TECHNOLOGY**

- Armoured vehicles: Tanks and APC's
- Aircrafts, UAV's and Missiles
- Submarine and Aircraft carrier

UNIT 4 **ELECTRONIC WAR**

- **Electronics Warfare: Concept and applications**
- Ballistic Missile Defence (BMD): Concept and applications.

COURSE TITLE MILITARY SOCIOLOGY (DSSC-415)

Course Objectives - The course discusses a very important aspect namely the examination of military as a social unit. The meaning of Civil-military relations will be discussed in detail. It also gives the students a fair idea of various behavioural aspects that could affect the performance of a military unit.

UNIT 1 SOCIAL ASPECTS OF WAR

- Social effects of war:
- Impact on society.
- Impact on military.

UNIT 2 POST WAR SOCIAL PROBLEMS

- Impact on society: problem of re-settlement of war victims and post war Reconstruction.
- Impact on Military: Demobilization, rehabilitation and social adjustment of Released personnel.
- Social problem of military personnel killed or disabled and implications on their Families.

UNIT 3 SOCIAL PROBLEMS

- Social background of military personnel in India.
- Problems of Ex-servicemen in India
- Role of Women in Armed Forces: Contemporary trends.

UNIT 4 CIVIL MILITARY RELATIONS

- Civil military relations: History and contemporary trends.
- Military Coup: Causes and consequences

Semester- III

COURSE TITLE **MILITARY PSYCHOLOGY (DSSC-501)**

Course Objectives - The course aims to introduce the human element in Defence and examine their importance in, behavioural analysis, building traits, leadership and other issues for their effective performance. It gives students ideas on how group dynamics work in defence forces, as well as its usage as a tool in defence of a nation through psychological warfare.

UNIT 1 **MILITARY PSYCHOLOGY**

- Military Psychology: Definition, Scope, Significance and its role during war and peace.
- Psychological Weapons of War: Propaganda, rumour and indoctrination.

UNIT 2 **PSYCHOLOGICAL ISSUES**

- War Neurosis: Meaning, Causes, Symptoms and effects.
- Fear and Panic in War: Causes, Consequences and management.
- Emotional problems and adjustment during war and peace.

UNIT 3 **PSYCHOLOGICAL ASPECTS OF WAR**

- The significance of personality:-Traits, group behaviour and communication skills in the armed forces.
- Military Leadership: Meaning, attributes, importance and role of training.

UNIT 4 **MAN MANAGEMENT**

- Discipline: Definition, purpose and tools of maintaining discipline.
- Motivation and Morale factors and their utilization in the armed forces.
- Man Management:-Concept, importance and strategy vis-à-vis armed forces.

COURSE TILTLE **INTERNATIONAL LAW – I (DSSC-502)**

Course Objectives - The course aims to spell out the meaning, nature and scope of international law; explain its purpose and functions ; outlining the subject of international law and highlight the various legal aspects pertaining to international security including war.

UNIT 1 **CONCEPT**

- Definition, Nature and Application of International Law.
- The 'Sources' of International Law.
- Relationship between International Law and Municipal Law.
- Subjects of International Law.
- State territory
- State Succession.

UNIT 2 **MEANS TO SETTLE INTERNATIONAL DISPUTES**

- Pacific Means
- Coercive Means

UNIT 3 **EFFECTS OF WAR**

- Blockade: Conception, Establishment, Breach, Penalties for breach and the Doctrine of continuous voyage.
- **Contraband: Conception, Absolute and partial contraband; Direct Circulation and indirect carriage; Penalties.**
- 3. Extradition and treatment of Aliens.

UNI 4 **RULES OF WAR**

- **Rules of Land Warfare: Violence against enemy persons; treatment of wounded, sick and the dead; Captivity; Appropriation and use of enemy property; Assault, siege and bombardment; Espionage; Ruses; and Occupation of enemy territory.**
- Rules of Sea Warfare: Men of War; Attack and seizure of enemy vessels; Appropriation and destruction of Enemy Merchant ships and crews; Prize Courts; Treatment of Wounded and ship-wrecked.
- Rules of Aerial Warfare: Military Air Craft; Rules of air warfare in relation to rules of war on land and at sea; Aerial bombardment; attack on enemy merchant vessels; Liability of Civil air craft to capture.

COURSE TITLE Conflict Resolution & Peace Building (DSSC-503)

Course Objectives - This course aims to explain the concepts of conflict resolution, need for conflict resolution, and various processes involved in resolving conflicts as well the different attempts in establishing peace in its basic meaning, different aspects of peace making and peace building.

UNIT 1 **CONCEPTUAL ASPECTS**

- **Conflict Resolution and Peace Building: Concept and Significance.**
- Nature of Conflict: Inter – state and Intra – state.

UNIT 2 **CONFLICT RESOLUTION**

- **Pacific Methods**

- Coercive Methods.

UNIT 3 PEACE BUILDING

- Peace Building: Local, Regional and International perspective.
- Confidence Building Measure: Concept and Techniques
- Conflict Prevention
- Conflict Transformation
- Conflict Management.

UNIT 4 CONFLICT AND INTERNATIONAL ORGANISATIONS

- Conflict Resolution and Peace Building
- Role of IGOs, NGOs and
- Role of UN.

COURSE TITLE INTERNATIONAL TERRORISM (Opt – I) (DSSE-504)

Course Objectives - International Terrorism assumes greater relevance to security imperatives in national, regional and global context. The course aims to impart knowledge on this vital non-traditional security threat by detailing about its concepts, causes, characteristics and attempts at curbing the menace.

UNIT 1 MEANING AND DEFINITION

- Terrorism: Meaning, concept, philosophy and historical perspective.
- Causes of Terrorism: Social, Economic, Political and Religious.

UNIT 2 TERRORISM

- International Terrorism.
- State Terrorism & State-sponsored Terrorism.

UNIT 3 TERRORISM AND NATIONAL SECURITY

- Terrorism and National Security.
- Strategies of Combating Terrorism.

UNIT 4 MANIFESTATIONS OF TERRORISM

- Manifestations of terrorism:
- Small Arms Proliferation,
- Drug Trafficking and
- Money laundering.

COURSE TITLE NON TRADITIONAL SECURITY THREATS (Opt – II) (DSSE-505)

Course Objectives - This paper seeks to differentiate traditional and non-traditional threats; different types of non-traditional threats. It aims to give a basic idea of the impact such threats have on national security in general with specific examples too.

CONTENTS

UNIT 1 DIMENSIONS OF NONTRADITIONAL THREATS

- Human Security – Definition, meaning and concept
- Environment Security – Definition, meaning and concept

UNIT 2

- Energy Security – Definition, meaning and concept
- Illegal Migration – Definition, meaning and concept

UNIT 3

- Narco -Terrorism – Definition, meaning and concept
- Small Arms Proliferation – Definition, meaning and concept

UNIT 4

- Organized Crimes - – Definition, meaning and concept
- Money Laundering - – Definition, meaning and concept
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COURSE TITLE Contemporary International Conflicts (Opt – III) (DSSE-506)

COURSE OBJECTIVE – The purpose of this paper is to make the students understand the various threats that the world is facing. Right from the Korean crisis, Arab-Israel conflict, Afghanistan crisis to the present threats like ISIS and Islamic fundamentalism the nation – states are struggling with the problem of terrorism.

UNIT 1 POST WORLD WAR CRISIS

- Conflict in Korean Peninsula: Genesis and Contemporary Trends.
- Israel - Palestine Conflict: Genesis and Contemporary Trends.

UNIT 2 COLD WAR PERIOD

- Afghanistan in Post Taliban Period and Contemporary Trends.
- Islamic Fundamentalism in Af-Pak region: Challenges and Responses.

UNIT 3 POST COLD WAR PERIOD

- ISIS and Conflict in Iraq and Syria: Challenges and Responses.

- Conflict in South China Sea: Contemporary Trends.
UNIT 4 **REGIONAL CRISIS**

- Problem of Jammu & Kashmir: Genesis and Contemporary Trends.
- Uyghur Crisis in China: Genesis and Contemporary Trends.

OPEN ELECTIVE

DDSO-507 National Security Studies: An Introduction

SEMESTER – IV

**COURSE TITLE STRATEGIC ENVIRONMENT OF INDIA’S NORTHEAST
(DSSC-511)**

Course Objectives - This course orients students about the geo-political and strategic significance of India’s North East. Through this course, students are made to understand the strategic issues and challenges; problems and prospects of the region.

Unit I Location and strategic significance

- (i) Understanding the concept of India's North East.
- (ii) Geographic location and physiographic divisions.
- (iii) Strategic resources- oil, coal and uranium.
- (iv) Population concentration and major cities.

Unit II Issues and Challenges

- (i) Ethnic conflicts- Karbi-Dimasa; Naga-Kuki.
- (ii) Insurgency and cross border shelter belts.
- (iii) Strategic infrastructure – transport and communication.
- (iv) Migration and refugees.

Unit III Regional Prospects

- (i) Act East Policy
- (ii) Negotiations and Accords (Assam Accord; Mizo Accord).
- (iii) Strengthening economy- hydropower, tourism, etc.
- (iv) NEI and Neighbors: trade and border co-operations

Unit IV Arunachal Pradesh

- (i) Cross border community connections
- (ii) Geopolitical significance
- (iii) Administrative and political history
- (iv) Mc Mahon Line and its significance

COURSE TITLE MARITIME SECURITY OF INDIA (DSSC-512)

Course Objectives - The objective of this course is to impart knowledge and create awareness on significance of Maritime Security issues in the context of National Security. It also aims to throw light on the Geo-strategic and Geo-political importance of the Indian Ocean region and India's maritime strategy.

UNIT 1 INDIAN OCEAN

- Geo-political, Economic and Strategic significance of the Indian Ocean.
- Regional conflicts in the Indian Ocean Region.

UNIT 2 REGIONAL & EXTRA REGIONAL THREATS

- Interests of Regional States in the Indian Ocean with Particular reference to Pakistan and China.
- Extra-regional powers' interests and involvement in Indian Ocean.

UNIT 3 INDIA AND INDIAN OCEAN

- India's strategic perspective in Indian Ocean.
- India's economic and maritime interests in the Indian Ocean.
- India's threat perceptions in Indian Ocean.

UNIT 4 MARITIME CAPABILITIES

- India's maritime/ naval capabilities.
- India's Maritime Security Doctrine/Policy.
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COURSE TITLE HIGHER DEFENCE ORGANISATION IN INDIA (DSSC-513)

Course Objectives - This course will orient the students towards the defence organizational structures adopted by India, and an analysis of the strengths and weaknesses of each of the mechanisms adopted. It basically introduces the higher defence organization structure and military of the country.

UNIT 1 INDIAN DEFENCE FORCES

- Rank Structure of the Three Services.
- Recruitment methods for Defence Services.
- Important training Institution of the Three Services.
- Second line defence [introduction to Paramilitary Forces in brief]
- Power of the President of India in relation of Defence.
- Composition and function of Defence Committees/NSC.

UNIT 2 INDIAN ARMY ORGANISATION

- Organization of army Headquarters (Role of COAS and PSOs).
- Static and Field formation of Indian Army.
- Arms and Services.

UNIT 3 INDIAN AIR FORCE ORGANISATION

- Organization of Air Force Headquarters (Role of CAS and PSOs).
- Static and Field formation of Indian Air Force.

UNIT 4 INDIAN NAVAL ORGANISATION

- Organization of Naval Headquarters (Role of CNS & PSOs).
- Static and Field formation of Indian Navy.

COURSE TITLE REGIONAL SECURITY AND COOPERATION (Opt – I) (DSSE-514)

Course Objectives - The paper attempts to introduce the concept of regional security, its significance in the current world environment and the different regional mechanisms that have resulted in cooperative efforts in regional security.

UNIT 1 THEORATICAL DIMENSIONS

- Theoretical dimensions of `Region` in International Relations.
- Regional Security; Regional Cooperation - Conceptual Dimensions

UNIT 2 MILITARY ALLIANCES

- North Atlantic Treaty Organisation - (NATO): Aim, Organisation and Working.

UNIT 3 ECONOMIC COOPERATION

- Association of South-East Asian Nations - (ASEAN): Concept, Objectives, Features, Problems & Achievements.
- Shanghai Cooperation Organisation (SCO) - Aim, Organisation and Working.

UNIT 4 INDIA AND REGIONAL COOPERATION

- South Asian Association for Regional Cooperation-(SAARC): Concept, Objectives, Features; Problems & Achievements.
- Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC): Concept, Objectives, Features; Problems & Achievements.

COURSE TITLE - BORDER SECURITY AND MANAGEMENT (DSSE-515)

COURSE OBJECTIVES – This paper is designed to acquaint the students with the problems India is facing with its neighbours. The problems with Pakistan and China are because the borders have not been demarcated properly. How Indian security agencies are managing the borders to keep India safe.

UNIT 1 India's Land Borders.

- Land boundary of India
- Maritime boundary of India including Island territories

UNIT 2 Border Security Challenges

- Boundary issue with Pakistan
- Boundary issue with China
- Maritime boundary issues

UNIT 3 Border Management.

- Role of Armed forces

- Role of Sashastra Seema Bal (SSB)
 - Role of Border Security Force (BSF)
- UNIT 4 **Border Area Development Programme**
- Development of National Highways in North Eastern Region
 - Schemes, policies and programmes of the Ministry.

COURSE TITLE - AREA STUDIES - CHINA (Opt. – II) (DSSE-516)

OBJECTIVES – This paper will enable the students to know the history of China in detail. Apart from this, students will understand the geography, role of PLA in political affairs and higher defence structure of China’s armed forces.

UNIT 1 **MILITARY GEOGRAPHY AND HISTORY OF CHINA (1912-1949)**

- Military Geography of China: Location, Size and Strategic importance.
- Population, Composition and Characteristics of major ethnic groups.
- Rise of Chiang Kai Shek; Political Situation in 20’s: Rise of NMT Party; Chiang as Military and Political Leader.
- The Nanking Government of China.
- The Northern expedition, Nanking as Capital, Fall of Nanking.
- The Civil War (in brief): Events leading to Civil War: Brief description of war between the Communists and Nationalists forces and establishment of communist government.

UNIT 2 **PARTY- ARMY RELATIONSHIPS & HIGHER DEFENCE ORGANISATION**

- Communist Party and its relationship with the armed forces:
- Founding of PLA- its growth and development, nature and structure of political control at various levels;
- decline of political control; **new approach to professionalism**
- Higher Defence Organisation

UNIT 3 **FOREIGN POLICY**

- Sino-Japanese relations.
- China’s Relations with USA
- China’s Relations with Russia

UNIT 4 **DEFENCE POTENTIAL OF CHINA**

- Chinese defence capability and its various constituents i.e. armed forces, paramilitary forces; arms and equipment, defence production; civil and military leadership.
- China’s Defence Modernization: China’s policy on modernization programme and basis of its development
- China’s Nuclear Weapons Development.
- China’s Space Programme.

COURSE TITLE - AREA STUDIES – AF-PAK REGION (Opt III) (DSSE-517)

COURSE OBJECTIVES – This paper is designed to acquaint the students with the Af-Pak region. Why this region has always remained turbulent? The role played by the different stake holders i.e. Russia, USA, China, Pakistan and India for the stability of this region.

CONTENTS

UNIT 1 GEO – POLITICS

- Geo Strategic Location and Historical background of Af-pak region.

UNIT 2 CHALLENGES OF TERRORISM IN AF-PAK REGION

- Al Qaeda
- Haqqani Network
- ISIS

UNIT 3 ROLE OF EXTERNAL POWERS

- Role of USA
- Role of Pakistan
- Role of Iran
- Role of India
- Role of China

UNIT 4 TRANSITION IN AFGHANISTAN: CHALLENGES AND PROSPECTS