



SYLLABUS FOR THE
BACHLORS OF ARTS
IN
DEFENCE STUDIES

(THREE – YEAR FULL TIME PROGRAMME)



RULES, REGULATIONS AND COURSE CONTENT

Department of Defence Studies

Faculty of Arts

University of Lucknow, Lucknow – 226007

B.A. (Defence Studies)

HISTORY OF THE DEPARTMENT

The Teaching of Military Science was started at the University way back in the year 1969 at the U.G. level with the active effort of Prof. L.N.Lumba (Dept. of Political Science) , Dr. S.P. Dubey (Dept. of western History) and Dr. Shailendra Singh (Dept. of Economics) under the guidance of Vice-Chancellor of the University.

The Faculty members have many credits as books, research Publications & Research Project work. Department successfully Organized 02 National Seminars, 1 Workshop, 1 National Conference & 03 Special Lecture with UGC & Other Financial support. About 600 books exclusively of Defence Studies are available both in Hindi as well as English in the Department.

The Department tries to develop a strong Department Library, mini conference room, practical lab, project room & Teaching Staff room.

Programme Objectives

The Bachelor of defence studies programme is offered by the department aims at empowering students with knowledge and skills for thinking and analysis to navigate the real world problems security issues and contribute to society a helping and meaningful way.

Programme Specific Outcome

1. Syllabus of the subject of UG and PG both will be modified for for UGC-NET.
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. Subject will be introduced in affiliated degree colleges of Lucknow University in UG and PG.

DEPARTMENT OF DEFENCE STUDIES UNIVERSITY OF LUCKNOW

SYLLABUS FOR

B.A. - Semester I

Paper -I Ancient Indian Military History

Course objective: Study of military history has been worth-while for without some knowledge of the military past, people of a nation state can hardly hope to deal intelligently with problems of war and peace in the military future.

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

- 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.

UNIT	CONTENT
I	<ol style="list-style-type: none">1. Military system in Vedic and Epic period.2. Indo – Greek art of war with special reference to Battle of Hydaspes 326 B.C.
II	<ol style="list-style-type: none">1. Kautilyas Philosophy of War: Military Organization, art of war and inter - state relations.2. Maurya Military System as described by Greek historians.
III	<ol style="list-style-type: none">1. Hindu Military System during the age of Gupta and Harsha with special reference to the decline of Chariots and the rise of Cavalry upto 7th Century A.D.2. Rajput Military System and Turk pattern of warfare with special reference to the Battle of Somnath and Terrain up to 12th Century A.D.
IV	<ol style="list-style-type: none">1. Army Organisation during Sultantate Period. Military and Economic reforms of Balban and Alauddin Khilji.2. Invasion of Babar with special reference to First Battle of Panipat 1526 A.D.and Battle of Khanwa 1527 A.D. Mughal Military System under Akbar.

DEPARTMENT OF DEFENCE STUDIES UNIVERSITY OF LUCKNOW

SYLLABUS FOR

B.A. - Semester I

Paper -II

Study of War

COURSE OBJECTIVE: This will enable to understand more fully the complex relationship among national resources, military objectives, and national security policy

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

1. Empowered with analytical frameworks to support policy and strategy decision-making
2. Aware of critical thinking and decision-making by real world, strategic leaders and their staffs
3. Competent in operational level problem solving, creative thinking, and risk management
4. Understand challenges in accomplishing interagency and multinational coordination

UNIT	CONTENT
I	<ol style="list-style-type: none">1. Concept and Definition of War, Nature of War and its study.2. Conduct of War – Cycle of War and Stages of War.3. War and their evolution.
II	<ol style="list-style-type: none">1. Causes of War: Political, Economic, Social, Psychological, Military and Allied aspects.2. Features of Modern War and Nature of Future Wars and its advantages disadvantages.3. War is an instrument of National Policy
III	<ol style="list-style-type: none">1. Types of war: (a) Total, Limited Guerilla war and Specialized Wars (Mountain, Desert and Jungle) (b) Nuclear warfare, Chemical warfare, Biological warfare.2. Psychological Warfare, Political Warfare and Economic Warfare.
IV	Principles of War – Brief History of Principles of War, selection and maintenance of the aim, Security, Offensive action, Mobility and Flexibility, Concentration, Economy of Force, Co operation, Administration and morale

DEPARTMENT OF DEFENCE STUDIES UNIVERSITY OF LUCKNOW

SYLLABUS FOR

B.A.- Semester II

Paper -I Indian Military History (medieval & modern)

Course objective: With the introduction of gun powder in the west, the art of warfare in India entered into professionalism with mughals, Marathas and Sikhs. This paper aims to offers a broader understanding of these aspects.

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

- 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.
- To understand and appreciate psychological aspects of war making, military leadership and emotional issues that is faced by soldiers during war and peace.
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UNIT	CONTENT
I	<ol style="list-style-type: none">1. Maratha Military System under Shivaji2. Weakness of Maratha military System after Shivaji with special reference to Third Battle of Panipat 1761 A.D.3. Military System and pattern of war under Haider Ali and Tipu Sultan4. Third Mysore War 1790 A.D.
II	<ol style="list-style-type: none">1. Sikh Military System under Dal Khalsa and Ranjeet Singh .2. Battle of Sobraon 1846 A.D.3. Development of Presidency Army under East India Company,4. Anglo –Maratha War with special reference to Battle of Assaye 1803 A.D.
III	<ol style="list-style-type: none">1. Indian War of Independence 1857 A.D.2. Amalgamation of Presidency Armies3. Reforms of Kitchner.4. Reforms of Cornwallis.
IV	<ol style="list-style-type: none">1. Reorganisation of Indian Army under the Crown.2. Indianisation and Partion of Indian Arm Forces.3. Kashmir War 1948.4. Indo –China War 1962

DEPARTMENT OF DEFENCE STUDIES UNIVERSITY OF LUCKNOW

SYLLABUS FOR

B.A.- Semester II

Paper -II

Practical

1. Field Craft .
2. Ground.
3. Cover, Concealment and Camouflage .
4. Visual Training and Observation .
5. Fire Discipline .
6. Description of Ground .
7. Judging Distance .
8. Indication and Recognition of Targets .
9. Fire Control Orders .
10. Map – Definition, Types and Scope .
11. Conventional Signs .
12. Scale – Definition and Representation.
13. Types of Scale .
14. Service Protractor .

Reference Books :-

1. Singh, S.D. Ancient India warfare with Special reference to the Vedic Period.
2. Majumdar, B.K. Military System in Ancient India.
3. Majumdar, B.K. Bhartiya Sena ka Itihas.
4. Singh, Lallan ji Pashchatya Sainya Itihas.
5. Srakar, J.N. Military History of India.
6. Sen S.N. Military System of Marathas.
7. David, Alfred Indian Art of War.
8. Rai, S.N. Bharat ka Sainya Itihas.
9. Jauhari, R.C. Western Military Thinkers
10. Singh, Chowdhary Prayogatmak Sthal Yuddh Kala.
Narendra
11. Maliwal, B.N. Sthal Yuddh Kala

DEPARTMENT OF DEFENCE STUDIES UNIVERSITY OF LUCKNOW

SYLLABUS

B.A.- Semester III

Paper -I

Art of War

Course objective: On completion of the paper, the students will be in a position to analyse the cause for war in modern period.

Course outcome:

1. This course develops an understanding of military operations from historical and theoretical perspectives.
2. To make the students learn about the wars those were fought from 19th century to World War – II.
3. Learn to explore operations in all three environments – land, sea and air.

UNIT	CONTENT
I	<ol style="list-style-type: none">1. Napoleonic Warfare.2. Trench Warfare.3. Armoured and Mechanized Warfare.4. Battle of Somme 1916 A.D.
II	<ol style="list-style-type: none">1. The birth and concept of Air Warfare.2. Development of Air Warfare in World War IInd.3. Battle of Britain 1940 A.D.4. Co-operation of Air Power with Army and Navy.
III	<ol style="list-style-type: none">1. Development of Sea Power.2. Development of Naval Warfare during World War IInd.3. Elements of Sea Power.4. Battle of Midway 1942 A.D.
IV	<ol style="list-style-type: none">1. Origin and causes of World War I (1914 - 18).2. Origin and causes of World War II (1939 - 45).3. Characteristics of Modern Warfare.4. Battle of El – Alamin 1942A.d.

Reference Books :-

1. Singh, Lallan ji Pashchatya Yudhhkala..
2. Wright, Quincy Study of War .

DEPARTMENT OF DEFENCE STUDIES UNIVERSITY OF LUCKNOW

SYLLABUS

B.A.- Semester III

Paper -II

Contemporary Thinkers

Course objective: To provide students with full knowledge of military thinkers and their thoughts

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

1. Students will able to analyze the military strategy and ideas implemented by military organizations.
2. Students will able to recognize strategies or methods used to win war by various thinkers.

UNIT	CONTENT
I	<ol style="list-style-type: none">1. Karl Von Clausewitz.2. Nicolo Machiavelli.3. Antoni Heanre jomini.4. J.F.C.Fuller.
II	<ol style="list-style-type: none">1. B.H.Liddle Hart2. Guilio Douhet.3. William Mitchell.4. Alexender de Seversky.
III	<ol style="list-style-type: none">1. Alfred Thayer Mahan.2. Halford J.Mackinder.3. Spykman.4. Karl Haushofer.
IV	<ol style="list-style-type: none">1. Karl Marks and Fredrick Engels.2. Mao-Tse – Tung.3. Adolf Hitler.4. Joseph Stalin.

Reference Books:-

1. Srivastava, J.M. Stratejik Chintan.
2. Adhikari,Shekhar. Modern Strategic Thought- Machiavelli to Nuclear Warfare
3. Singh, Lallan ji Pashchatya Sainya Vicharak.

DEPARTMENT OF DEFENCE STUDIES UNIVERSITY OF LUCKNOW

SYLLABUS

B.A.- Semester IV

Paper -I

National Defence and Security

Course objective: The objective of this course is to impart knowledge and create awareness on the development of national defence and security policy.

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

1. Learn about the defence policy of India and evaluate its strengths and weaknesses.
2. Understand the national security challenges both internal and external a country face; and
3. Understand the Contemporary security environment in the world.

UNIT	CONTENT
I	<ol style="list-style-type: none">1. Concept of National Defence and Security.2. Essentials of National Defence.3. Geo –Strategy and Geo- Politics.4. Borders and Frontiers.
II	<ol style="list-style-type: none">1. Foreign Policy of India.2. Defence Policy of India.3. Nuclear Policy of India.4. National Moral and Terrorism.
III	<ol style="list-style-type: none">1. Concept of National Power.2. Elements of National Power.3. Post Independence Security Problems.4. Main Defence Industries of India.
IV	<ol style="list-style-type: none">1. World Strategic Environment and India.2. Attitude of Neighbouring Countries.3. Power Rivalry in Indian Ocean and Indian Security.4. The New Indian Defence Programme.

Reference Books:-

1. Srivastava, J.M. Rashtrya Suraksha.
2. Pandey , R.S. Rashtrya Suraksha evam Antrastriya Sambandh.

DEPARTMENT OF DEFENCE STUDIES UNIVERSITY OF LUCKNOW

SYLLABUS

B.A.- Semester IV

Paper -II

Practical

- 1.** Advance.
- 2.** Contact.
- 3.** Defence.
- 4.** Withdrawal.
- 5.** Ambush.
- 6.** Attack.
- 7.** Prismatic Compass.
- 8.** Bearing and Inter Conversion of Bearing.
- 9.** Degree of Slope and Gradients.
- 10.** Inter Visibility.
- 11.** Section Formation.
- 12.** Patrol and Patrolling.
- 13.** Verbal Order.
- 14.** Battle Procedure.

Reference Books:-

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|-------------------------------------|-------------------------------|
| 1. Singh, Chowdhary Narendra | Prayogatmak Sthal Yuddh Kala. |
| 2. Maliwal, B.N. | Sthal Yuddh Kala |
| 3. Shukla, A.P. | Prayogatmak Sainya Vigyan. |

DEPARTMENT OF DEFENCE STUDIES UNIVERSITY OF LUCKNOW

SYLLABUS

B.A. - Semester V

Paper -I Problems of War and Peace

Course objective: The history of mankind is highlighted by incidents of war and peace. It is therefore necessary to have in depth knowledge of these concepts for better understanding and clarity.

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

1. Learn the history of mankind is highlighted by problems of war and peace
2. Understand to make the students aware with the advancements in field of war and peace.

UNIT	CONTENT
I	<ol style="list-style-type: none">1. Strategic environment,2. World order3. Politico-Socio-Economic Ideologies.
II	<ol style="list-style-type: none">1. Recent Trends.2. Modern Warfare-Nuclear, Guerrilla, Limited and Total war Cold War .3. War & Politics
III	<ol style="list-style-type: none">1. Balance of Power2. Collective Security.
IV	<ol style="list-style-type: none">1. League of Nations2. U.N.

Books Recommended

1. Lallan ji Singh , Pashchatya Yuddh Kala.
2. Maliwal.B.N., Sthal Yudh Kala.
3. Mahendra Kumar, Theoretical aspects of international politics
4. BL Phadia: Antarrashtriy Rajniti
5. Palmer and Perkins: International Relations

DEPARTMENT OF DEFENCE STUDIES UNIVERSITY OF LUCKNOW

SYLLABUS

B.A. - Semester V

Paper -II

Defence Organisation

Course objective: This course intended to enhance the knowledge and skills of the students with defence policy and organization.

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

1. Understand the defence of a country is structured on certain organizational pattern and mechanism.
2. Study the principles of military organization and military administration.
3. Understand the Power of President in relation to armed forces

UNIT	CONTENT
I	<ol style="list-style-type: none">1. Definition, Nature and scope of military science.2. Its relation with geography, history, sociology, political science, chemistry, physics and utility of the study of military science.3. Principles of military organization & principles of military administration.
II	<ol style="list-style-type: none">1. Organisation of Indian armed forces after 1947.2. Organisation and role of Indian army, Indian air force and navy.3. Higher defence organisation in India.
III	<ol style="list-style-type: none">1. Power of President in relation to armed forces2. Parliament and the armed forces Defence (political affair) committee of the cabinet its composition, methods of working during war and peace.3. Organisation and role of intelligence agencies and their problems
IV	<ol style="list-style-type: none">1. Infantry : its characteristics, limitations importance and role during war and peace,2. Artillery and Armored corps: its characteristics, limitations importance and role during war and peace.3. Army services corps, corps of engineers, army Intelligence Core, army ordnance corps, electrical and mechanical engineers, army medical corps, army postal services,, military police remount and veterinary crops, military forms ,army education corps and their importance and role during war and peace.

DEPARTMENT OF DEFENCE STUDIES UNIVERSITY OF LUCKNOW

SYLLABUS

B.A.- Semester V

Paper -III

Military Psychology

Course objective: The primary objective of a military psychologist is to keep individuals mentally fit for service.

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

- 1) To understand and appreciate psychological aspects of war making, military leadership and emotional issues that is faced by soldiers during war and peace.
- 2) Apart from this, they will also learn the importance of leadership, discipline man management, motivation and morale factors in a soldiers' life.

UNIT	CONTENT
I	<ol style="list-style-type: none">1. Psychological warfare - Propaganda, Rumor and Brain – washing.2. Elements of Military Psychology3. Relevance of psychology in defence problems.
II	<ol style="list-style-type: none">1. Psychological problems of adjustment during army life.2. Importance of psychology in war.3. Mental health problems.
III	<ol style="list-style-type: none">1. Military leadership- definitions types and functions.2. Man Management3. Discipline and Spirit de Corps
IV	<ol style="list-style-type: none">1. Moral - (types, contributing factors, assessment regimental conditions)2. Motivation3. Intelligence.

DEPARTMENT OF DEFENCE STUDIES UNIVERSITY OF LUCKNOW

**SYLLABUS
B.A.- Semester VI**

Paper -I Traditional and Non -Traditional Threats

Course objective: The primary objective of the above paper is to aware the students about different types threats regarding national security.

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

1. Realizes that there are traditional and nontraditional threats to nation's security other than military which are of equally grave consequences.
2. Understand that, drug trafficking, money laundering, narco terrorism and human trafficking are equally dangerous as war.

UNIT	CONTENT
I	<ol style="list-style-type: none">1. India's Security Challenges.2. Insurgency and Counter Insurgency.3. Low Intensity Operations.
II	<ol style="list-style-type: none">1. Non Traditional Security: Concept, Nature and Scope.2. Major NTS threats and Challenges3. India's Policy for NTS.
III	<ol style="list-style-type: none">1. Resources scarcity and its linkage with conflict situation in India.2. Non Traditional Man – Made Risk Reduction and India's Opportunities3. India's Integrated Science Policy.
IV	<ol style="list-style-type: none">1. Traditional Threats in India.2. Cyber Threat3. Cross Border Terrorism in India

DEPARTMENT OF DEFENCE STUDIES UNIVERSITY OF LUCKNOW

**SYLLABUS
B.A.- Semester VI**

Paper -II Legal Aspect of War

Course objective: This paper describes the various types of warfare that are taught in the world.

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

- 1) Clearly understand the definition, meaning and distinguish basic concepts of war;
- 2) Various types of war and its various typologies, techniques and characteristics; and
- 3) Grasp the concept and theories of nuclear war in detail.

UNIT	CONTENT
I	<ol style="list-style-type: none">1. Settlement of disputes.2. Legal control of International conflicts.3. Nuclear warfare and Laws of War
II	<ol style="list-style-type: none">1. Enemy character2. Effect of the outbreak of war.3. Human Rights.
III	<ol style="list-style-type: none">1. Blockade2. International Court of Justice (ICJ)3. Modern development and laws of Neutrality
IV	<ol style="list-style-type: none">1. Definition and concept Disarmament2. Definition and concept Arms Control.3. Peace Efforts regarding Disarmament and Arms Control.

DEPARTMENT OF DEFENCE STUDIES UNIVERSITY OF LUCKNOW

SYLLABUS

B.A.- Semester VI

Paper -III

Practical

1. Project Work

- (a) 05 Internal Issues of India's Security
- (b) 05 External Issues of National and International Security.

2. Battle Procedure (Sand Model)

3. Paper Cuttings On Current Security Issues.

4. Viva –Voce.