

The University of Burdwan



Syllabus for 3 Year Degree in Defence Studies

**Under Curriculum and Credit Framework for
Undergraduate Programmes (CCFUP) as per NEP- 2020
with effect from the Academic Session 2023-24**

Semester wise and Course wise Credit and Marks Distribution Structure under
CCFUP as per NEP – 2020

Semester	*Course Type	Course Code	Level	Course Title	Credit	#Credit	@Full Marks			
							L-P-Tu	Th	Pr/ Vi	I.A.
I	Major	DEFS1011	100 – 199	Fundamentals of War	4	3-0-1	60	–	15	75
	Minor	DEFS1021	100 – 199	Fundamentals of War	4	3-0-1	60	–	15	75
	Multi/Inter-Disciplinary	DEFS1031		Introduction to Defence Studies in India	3	2-0-1	40	–	10	50
	AEC			MIL (L ₁ – 1) Arabic/Bengali/Hindi/ Sanskrit/ Santali/ Urdu/or equivalent courses from SWAYAM or any other UGC recognized platform	2	2-0-0	40	–	10	50
	SEC	DEFS1051		India and her Neighbouring Countries	3	2-0-1	40	–	10	50
	VAC	VAC1061		Environmental Science/ Education	4	3-1-0	60	20	20	100
II	Major	DEFS2011	100 – 199	World Military History	4	3-0-1	60	–	15	75
	Minor	DEFS2021	100 – 199	World Military History	4	3-0-1	60	–	15	75
	Multi/Inter-Disciplinary	DEFS2031		Basic Military Tactics	3	2-0-1	40	–	10	50
	AEC			English (L ₂ – 1)	2	2-0-0	40	–	10	50
	SEC	DEFS2051		Terrorism and Conflicting Ideology	3	2-0-1	40	–	10	50
	VAC	VAC2061		Understanding India/ Digital and technological solutions/ Health & Wellness, Yoga Education, Sports and fitness	4	3/3 1/0 0/1	80/ 60	0/ 20	20	100
<p>Skill based Vocational Course (additional 4 Credits) during summer term for 8 weeks for the students who will exit the programme after securing 40 Credits. For UG Certificate 40 credits + Additional 4 credits (work based vocational course) i.e., 44 credits Students are allowed to re-enter within 3 years and within the stipulated maximum period of 7 years.</p>										

Abbreviations Used:

*Course Type with Course Code:

SEC: Skill Enhancement Course

AEC: Ability Enhancement Course
VAC: Value Added Course

#Credit

L: Lecture

T: Tutorial

P/V: Practical/Viva

@Full Marks

Th: Theoretical

Pr./Vi.: Practical/Viva

I.A.: Internal Assessment

Detailed Syllabus
Semester – I
Major Course: DEFS1011
Fundamentals of War

Full marks: 75 (Theory 60, Internal Assessment- 15)

Total Credit - 4

UNIT – 1:

Lecture Hours – 15

1. Definition, meaning and basic concepts - war, campaign, battle, strategy, tactics, security, defence and Defence Studies.
2. Objectives of war, Causes of war.
3. Types of war – Hot war, Cold war and Psychological war.

UNIT – 2:

Lecture Hours – 15

1. Historical evolution of warfare, features of warfare at various historical stages–its contemporary features.
2. Principles, Operations, Strategy, Tactics and Logistics of warfare.

UNIT – 3:

Lecture Hours – 10

1. Conventional wars and unconventional wars-civil war, nationalist war, guerrilla war, insurgency, limited war and total war.
2. Land war-jungle, desert and mountain.
3. War-aggressive, protective and supportive.

UNIT – 4:

Lecture Hours – 10

1. Nuclear war –effects of nuclear explosion
2. Nuclear weapon treaties-PTBT, NPT, SALT-I, SALT-II, CTBT

UNIT – 5:

Lecture Hours – 10

Economic Warfare – Definition and concept, Basic dimensions, Effects of war on National Economy.

REFERENCES:

1. Lt Col M.G Abhyasankar – Defence-Principles and Organization.
2. Major Shiam Dal & P.K. Mukherjee – Text Book of Military Knowledge
3. Major D.K. Palit – The Essentials of Military Knowledge
4. Capt. K.S. Chaterjee – The Handbook of Military Science
5. Government of India – The Army of India and its Evolution, Calcutta, 1924.
6. Nagendra Singh – Defence Mechanism of Modern State (New Delhi, 1967)

Minor Course (DEFS1021): Fundamentals of War

Full marks: 75 (Theory 60, Internal Assessment- 15)

Total Credit - 4

UNIT – 1:

Lecture Hours – 15

1. Definition, meaning and basic concepts - war, campaign, battle, strategy, tactics, security, defence and Defence Studies.
2. Objectives of war, Causes of war.
3. Types of war – Hot war, Cold war and Psychological war.

UNIT – 2:

Lecture Hours – 15

1. Historical evolution of warfare, features of warfare at various historical stages—its contemporary features.
2. Principles, Operations, Strategy, Tactics and Logistics of warfare.

UNIT – 3:

Lecture Hours – 10

1. Conventional wars and unconventional wars-civil war, nationalist war, guerrilla war, insurgency, limited war and total war.
2. Land war-jungle, desert and mountain.
3. War-aggressive, protective and supportive.

UNIT – 4:

Lecture Hours – 10

1. Nuclear war –effects of nuclear explosion
2. Nuclear weapon treaties-PTBT, NPT, SALT-I, SALT-II, CTBT

Unit – 5:

Lecture Hours – 10

Economic Warfare – Definition and concept, Basic dimensions, Effects of war on National Economy.

REFERENCES:

1. Lt Col M.G Abhyasankar – Defence-Principles and Organization.
2. Major Shiam Dal & P.K. Mukherjee – Text Book of Military Knowledge
3. Major D.K. Palit – The Essentials of Military Knowledge
4. Capt. K.S. Chaterjee – The Handbook of Military Science
5. Government of India – The Army of India and its Evolution, Calcutta, 1924.
6. Nagendra Singh – Defence Mechanism of Modern State (New Delhi, 1967)

Multi/Inter-Disciplinary Course: DEFS1031
Introduction to Defence Studies in India

Full marks: 50 (Theory 40, Internal Assessment- 10)

Total Credit - 3

Unit – 1: Introduction

Lecture Hours – 10

1. Meaning and Definition of Defence studies
2. Scope of Defence Studies: Self Defence, Social Defence, Defence of Nation

Unit – 2: Development of Indian Army

Lecture Hours – 10

1. Revolt of 1857 (Sepoy Mutiny) - Background, Military causes. Consequences of Revolt.
2. Changes in Indian Army, Organisational Changes, The Rise of Indian Army and Reorganisation of Army

Unit – 3: Indianisation of Army

Lecture Hours – 10

1. Meaning of Indianisation, The progress of Indianisation.
2. Rising of Royal Indian Navy and Royal Indian Air Force, Modernisation of the Armed Forces.

Unit – 4: Recruitment & Training

Lecture Hours – 10

1. Rank, Badges & Awards in three Services i.e. Army, Navy and Air Force
2. Recruitment of Army, Navy and Air Force – Pattern of Recruitment, Basic Recruitment- Technical and Non Technical Recruitment, Important Training Institutions of three Services in India

REFERENCES:

1. A L Venkateraswaran: Defence Organization in India
2. Government of India: The Army of India & its Evolution
3. Ministry of Defence: Government of India: Indian Armed forces, Year Book (Annual)
4. D K Palit: The Essentials of Military Knowledge

SEC: DEFS1051
India and her Neighbouring Countries

Full marks: 50 (Theory: 40, Internal Assessment: 10),

Total Credit – 3

Unit 1: Lecture Hours – 10
India and her Neighbouring Countries – Approach to Geo-strategic factors related with Bangladesh, Pakistan, Afghanistan, China, Nepal, Bhutan, Myanmar and Sri-Lanka.

Unit – 2: Lecture Hours – 10
Emergence of Pakistan as an Independent State, Pakistan's Foreign and Defence strategies with India

Unit – 3: Lecture Hours – 10
Emergence of China & Global Power Politics, Political system in China, Ethnic composition in China

Unit – 4: Lecture Hours – 10
India's Foreign Strategies with Bangladesh, Nepal, Bhutan, Myanmar and Sri-Lanka with special emphasis to immigration.

REFERENCES:

1. U.S. Bajpai – India and its Neighbours
2. C. P Bhambri – Foreign Policy of India
3. A. Shah – Indian Defence and Foreign Policy
4. R. J. Jagnar – An Outline of International Politics
5. Cohen. Stephen Philip – The idea of Pakistan
6. Veena Kukreja – Contemporary Pakistan, Political Processes, Conflicts and Cases
7. Iftikhar H. Malik – Culture and Customs of Pakistan

Semester – II
Major Course: DEFS2011
World Military History

Full Marks: 75 (Theory: 60, Internal Assessment: 15),

Total Credit – 4

Unit –1: Military System of Greek and Romans

Lecture Hours – 15

1. Alexander the Great – Art of War
2. Military System of Roman Empire
3. Battle of Arbela
4. Battle of Cannae 216 BC
5. Battle of Hydaspes 326 BC
6. Battle of Crecy 1346 AD

Unit –2: Warfare in the Middle Ages

Lecture Hours – 15

1. Crusades – age of Valour
2. Mongol Military System
3. Advent of gun powder and its impact on Warfare

Unit –3: Napoleonic Warfare

Lecture Hours- 10

1. French Revolution – Causes and Outcome
2. Rise of Napoleon
3. Napoleon’s Art of Warfare
4. Battle of Waterloo

Unit – 4: World War – I

Lecture Hours- 10

1. Causes, Strategies and Tactics
2. Trench Warfare in World War – I
3. Consequences

Unit – 5: World War – II

Lecture Hours- 10

1. Causes, Strategies and Tactics
2. Role of Naval and Air Power in World War – II
3. Reasons for the defeat of Axis Power
4. Consequences

REFERENCES:

1. Akhtar Majee – No Farewell to Arms: Strategic Issues in International Relations
2. Capt. K.S. Chaterjee – Handbook of Military Science
3. Fuller, J.F.C. – The Decisive Battle of the Western World
4. Fall Cyril – The First World War
5. John Keegan – A History of Warfare
6. Neilbag, Michael, S. – Warfare in World History
7. Andre Cariser (ed) – A Dictoinary of Military History

8. Dupey and Dupey – Encyclopaedia of Military Science
9. J.F.C. Fuller – Armament and History
10. Hazarilal – Samarik Manchitra Pathyan

**Minor Course: DEFS2011
World Military History**

Full Marks: 75 (Theory: 60, Internal Assessment: 15),

Total Credit – 4

Unit –1: Military System of Greek and Romans

Lecture Hours – 15

1. Alexander the Great – Art of War
2. Military System of Roman Empire
3. Battle of Arbela
4. Battle of Cannae 216 BC
5. Battle of Hydaspes 326 BC
6. Battle of Crecy 1346 AD

Unit –2: Warfare in the Middle Ages

Lecture Hours – 15

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Unit –3: Napoleonic Warfare

Lecture Hours- 10

1. French Revolution – Causes and Outcome
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3. Napoleon’s Art of Warfare
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Unit – 4: World War – I

Lecture Hours- 10

1. Causes, Strategies and Tactics
2. Trench Warfare in World War – I
3. Consequences

Unit – 5: World War – II

Lecture Hours- 10

1. Causes, Strategies and Tactics
2. Role of Naval and Air Power in World War – II
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4. Consequences

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5. John Keegan – A History of Warfare
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7. Andre Cariser (ed) – A Dictionary of Military History
8. Dupey and Dupey – Encyclopaedia of Military Science

9. J.F.C. Fuller – Armament and History
10. Hazarilal – Samarik Manchitra Pathyan

Multi/Inter-Disciplinary Course: DEFS2031
Basic Military Tactics

Full marks: 50 (Theory 40, Internal Assessment- 10)

Total Credit - 3

Unit-1 Lecture Hours – 10

1. Concept of Total war, war of Politics, Principles of War.
2. Strategy & Tactics, Importance of psychological factors.

Unit-2 Lecture Hours – 10

1. Strategic operation, Role of Armoured Corps, Aim of War, Causes of War.
2. Use of Nuclear power, Chemical & Biological warfare, War and Morale, Lines of operations.

Unit-3 Lecture Hours – 10

1. Geopolitics, Role of commander.
2. Role of propaganda, Importance of self reliance.

Unit-4 Lecture Hours – 10

1. Concept of Guerrilla Warfare, Principles, Guerrilla Strategy & Tactics.
2. Counter measures of Guerrilla warfare

Reference Books :-

- 1) Earle E.M. - Makers of Modern strategy.
- 2) J.F.C. Fuller - The conduct of War
- 3) Liddle Heart - Strategy : The Indirect Approach
- 4) Claus witz - On War
- 5) Foch Ferdinand - The Principles of War
- 6) Karl Houshopher - Geopolitics in Pacific Ocea
- 7) Reginald Bretnor - Decisive Warfare: A Study in Military Theory (New ed.).

SEC: DEFS2051
Terrorism and Conflicting Ideology

Full marks: 50 (Theory: 40, Internal Assessment: 10),

Total Credit – 3

Unit 1: Introduction

Lecture Hours – 10

1. Definition and concepts of terrorism.
2. History of terrorism
3. Role of ideology in terrorists' target selection

Unit 2: Terrorism and its Remedial Perspective

Lecture Hours – 10

1. Causes of Terrorism;
2. Objectives of terrorisms
3. Types of Terrorists' Act, Levels of terrorism
4. Remedies for Terrorism with reference to religion

Unit 3: Terrorism in India

Lecture Hours – 10

1. Extremism in North East India
2. Cross Border Terrorism – Terrorists' activities of Lashkar-e-Toiba, Talibans and Hizbul Mujahideen in Kashmir
3. Naxalites in India.
4. Parliament and Mumbai Taj Hotel attack

Unit 4: Terrorism and International Relations

Lecture Hours – 10

1. The impact of technology in changing types of terrorism
2. Implications of 9/11 attack for future of terrorism
3. Terrorism – responses of major powers, UNO and other International organizations.

REFERENCES:

1. Gerard Chaliand and Arnaud Blin-The History of Terrorism
2. Victoria Schofield – Kashmir in Conflict
3. Mary Buckley and Rickfawn-Global Responses to Terrorism
4. Sean K. Anderson and Stephen Sloan – Historical Dictionary of Terrorism
5. Virender Grover(ed) – Encyclopedia of International Terrorism: Terrorism in world Countries