



UNIVERSITY OF CALCUTTA

Notification No. CSR/24/2025

It is notified for information of all concerned that in terms of the provisions of Section 54 of the Calcutta University Act, 1979, (as amended), and, in the exercise of her powers under 9(6) of the said Act, the Vice-Chancellor has, by an order dated 16.04.2025 approved the new revised Syllabus including Question pattern; credit and marks distribution of Defence Studies (Minor Subject) for 4-Year Honours and Honours with Research and 3-Year MDC, Courses of Studies under CCF, as laid down in the accompanying Pamphlets.

This CSR shall take effect from the Even Semester Examinations, 2025 and onwards.

SENATE HOUSE

Kolkata-700073

24.04.2025

Prof.(Dr.) Debasis Das

Registrar

University of Calcutta

Semester Wise Three-Year B.A. / B.Sc. (Multidisciplinary) And B.A. / B.Sc. (Honours with or without Research, as Minor subject) Courses of Studies

Under

[Curriculum and Credit Framework (CCF, 2022)]

Subject:Defence Studies (DFSG)

STRUCTURE OF ~~CORE COURSES~~ IN DEFENCE STUDIES FOR ~~MDC~~ (Three Years Course)

Semester	Course	Paper	Name of the Paper	Code (TH)	Code (P)
1	CC1/ CC2	MDC1	National Security	DFSG – MD – CC 1 – 1 – TH DFSG – MD – CC 2 – 1 – TH 3 Credits (75 Marks)	DFSG – MD – CC 1 – 1 – P DFSG – MD – CC 2 – 1 – P 1 Credit (25 Marks)
2	CC1/ CC2	MDC2	Geopolitics of India	DFSG – MD – CC 1 – 2 – TH DFSG – MD – CC 2 – 2 – TH 3 Credits (75 Marks)	DFSG – MD – CC 1 – 2 – P DFSG – MD – CC 2 – 2 – P 1 Credit (25 Marks)
3	CC1 / CC2	MDC3	Warfare	DFSG – MD – CC 1 – 3 – TH DFSG – MD – CC 2 – 3 – TH 3 Credits (75 Marks)	DFSG – MD – CC 1 – 3 – P DFSG – MD – CC 2 – 3 – P 1 Credit (25 Marks)
4	CC1 / CC2	MDC4	Organisation of Indian Armed Forces	DFSG – MD – CC 1 – 4 – TH DFSG – MD – CC 2 – 4 – TH 3 Credits (75 Marks)	DFSG – MD – CC 1 – 4 – P DFSG – MD – CC 2 – 4 – P 1 Credit (25 Marks)
		MDC5	Defence Arms and Armaments	DFSG – MD – CC 1 – 5 – TH DFSG – MD – CC 2 – 5 – TH 3 Credits (75 Marks)	DFSG – MD – CC 1 – 5 – P DFSG – MD – CC 2 – 5 – P 1 Credit (25 Marks)
5	CC1 / CC2	MDC6	Security of India	DFSG – MD – CC 1 – 6 – TH DFSG – MD – CC 2 – 6 – TH 3 Credits (75 Marks)	DFSG – MD – CC 1 – 6 – P DFSG – MD – CC 2 – 6 – P 1 Credit (25 Marks)
5 OR 6	CC1 OR CC2	MDC7	International Relation	DFSG – MD – CC 1 – 7 – TH OR DFSG – MD – CC 2 – 7 – TH 3 Credits (75 Marks)	DFSG – MD – CC 1 – 7 – P OR DFSG – MD – CC 2 – 7 – P 1 Credit (25 Marks)
6	CC1 / CC2	MDC8	Military History of India	DFSG – MD – CC 1 – 8 – TH DFSG – MD – CC 2 – 8 – TH 3 Credits (75 Marks)	DFSG – MD – CC 1 – 8 – P DFSG – MD – CC 2 – 8 – P 1 Credit (25 Marks)

STRUCTURE OF **MINOR COURSES** IN DEFENCE STUDIES FOR **MDC** (Three Years Course)

Semester	Course	Name of the Paper	Code (TH)	Code (P)
3	MDC-m1	National Security	DFSG – MD-MC1 – 3 – TH 3 Credits (75 Marks)	DFSG – MD-MC1 – 3 – P 1 Credit (25 Marks)
4	MDC-m2	Geopolitics of India	DFSG – MD – MC2 – 4 – TH 3 Credits (75 Marks)	DFSG – MD – MC2 – 4 – P 1 Credit (25 Marks)
5	MDC-m3	Warfare	DFSG – MD – MC3 – 5 – TH	DFSG – MD – MC3 – 5 – P
	MDC-m4	Organisation of Indian Armed Forces	DFSG – MD – MC4 – 5 – TH 3 Credits (75 Marks)	DFSG – MD – MC4 – 5 – P 1 Credits (25 Marks)
6	MDC-m5	Defence Arms and Armaments	DFSG – MD – MC5 – 6 – TH	DFSG – MD – MC5 – 6 – P
	MDC-m6	Security of India	DFSG – MD – MC6 – 6 – TH 3 Credits (75 Marks)	DFSG – MD – MC6 – 6 – P 1 Credit (25 Marks)

STRUCTURE OF **SKILL ENHANCEMENT COURSE** IN DEFENCE STUDIES FOR **MDC** (Three Years Course)

Semester	Name of the Paper	Code (TH)	Code (TU)
1/2/3	Indian Armed Forces	DFSG – MD-SEC1 – 1 – TH DFSG – MD-SEC2 – 2 – TH DFSG – MD-SEC3 – 3 – TH 3 Credits (75 Marks)	DFSG – MD-SEC1 – 1 – TU DFSG – MD-SEC2 – 2 – TU DFSG – MD-SEC3 – 3 – TU 1 Credit (25 Marks)

STRUCTURE OF **INTERDISCIPLINARY COURSE** IN DEFENCE STUDIES FOR **MDC** (Three Years Course)

Semester	Name of the Paper	Code (TH)	Code (TU)
1/2/3	National Integration	DFSG – MD-IDC1 – 1 – TH DFSG – MD-IDC2 – 2 – TH DFSG – MD-IDC3 – 3 – TH 2 Credits (50 Marks)	DFSG – MD-IDC1 – 1 – TU DFSG – MD-IDC2 – 2 – TU DFSG – MD-IDC3 – 3 – TU 1 Credit (25 Marks)

STRUCTURE OF ***INTER DISCIPLINARY COURSE*** IN DEFENCE STUDIES FOR ***MAJOR*** (Four Years Course)

Semester	Name of the Paper	Code (TH)	Code (TU)
1/2/3	National Integration	DFSG – H -IDC1 – 1 – TH DFSG – H -IDC2 – 2 – TH DFSG – H -IDC3 – 3 – TH 2 Credits (50 Marks)	DFSG – H -IDC1 – 1 – TU DFSG – H -IDC2 – 2 – TU DFSG – H -IDC3 – 3 – TU 1 Credit (25 Marks)

STRUCTURE OF ***MINOR COURSES*** IN DEFENCE STUDIES FOR ***MAJOR*** (Four Years Course)

Semester	Name of the Paper	Code (TH)	Code (P)
SEM1/SEM3	National Security	DFSG – H-Minor1 – 1 – TH DFSG – H-Minor2 – 3 – TH 3 Credits (75 Marks)	DFSG – H-Minor1 – 1 – P DFSG – H-Minor2 – 3 – P 1 Credit (25 Marks)
SEM2/SEM4	Geopolitics of India	DFSG – H – Minor1 – 2 – TH DFSG – H-Minor2 – 4 – TH 3 Credits (75 Marks)	DFSG – H-Minor1 – 2 – P DFSG – H-Minor2 – 4 – P 1 Credit (25 Marks)
SEM5	Warfare	DFSG – H - Minor1 – 5 – TH / DFSG – H-Minor2 – 5 – TH 3 Credits (75 Marks)	DFSG – H-Minor1 – 5 – P / DFSG – H – Minor2 – 5 – P 1 Credit (25 Marks)
SEM6	Organisation of Indian Armed Forces	DFSG – H - Minor1 – 6 – TH / DFSG – H-Minor2 – 6 – TH 3 Credits (75 Marks)	DFSG – H-Minor1 – 6 – P / DFSG – H-Minor2 – 6 – P 1 Credit (25 Marks)

Subject: Defence Studies(DFSG)
University of Calcutta
[Curriculum and Credit Framework (CCF, 2022)]

CC1/CC2 – MDC1, Semester – 1 (Three Years Course)
DFSG – MD – CC 1 – 1 – TH / DFSG – MD – CC 2 – 1 – TH
Minor, Semester – 3 (MDC, Three Years Course)
DFSG – MD – MC1 – 3 – TH
Minor Semester – 1 / 3 (Four Years Course)
DFSG – H – Minor1 – 1 – TH / DFSG – H – Minor2 – 3 – TH

NATIONAL SECURITY (4 Credits)

UNIT – I 25 Marks (30 L)

Concepts, Types, Factors and Policies for Security:

- a) Security: concepts, scope, and security dimensions.
- b) Traditional and Non-Traditional security.
- c) Elements of National security.
- d) Geographical factors affecting national security.
- e) Economic factors affecting national security.
- f) Military potentialities affecting national security.
- g) National policy affecting national security.
- h) National morale affecting national security.

UNIT – II

25 Marks (30 L)

Indian Strategic Resources and Industrial Potentialities:

- a) Definition of Resource, Strategic Resources and its importance in national security.
- b) Industrialization of India and its impacts on national security.
- c) Scientific and Industrial development in India since independence.
- d) Development of Defence industries in India since independence.

UNIT – III

25 Marks (30 L)

India's Transportation and Communication System:

- a) Different modes of transportation system in India.
- b) Development and classification of Roadways, Railways, Airways and Naval ways.
- c) Development of Communication Systems in India.
- d) Classification of Communication Systems in India: Postal, Telegraph, Telephones, Wireless, Internet, etc.
- e) Media: Publicity, Propaganda and its impact on national Security.

UNIT – IV (Practical)

25 Marks (30 L)

- a) Map Reading
- b) Conventional Signs
- c) Scale

CC1/CC2 – MDC2, Semester – 2 (Three Years Course)
DFSG – MD – CC 1 – 2 – TH / DFSG – MD – CC 2 – 2 – TH
Minor, Semester – 4 (MDC, Three Years Course)
DFSG – MD – MC2 – 4 – TH
Minor Semester – 2 / 4 (Four Years Course)
DFSG – H - Minor1 – 2 – TH / DFSG – H – Minor2 – 4 – TH

***GEOPOLITICS OF INDIA* (4 Credits)**

UNIT – I

25 Marks (30 L)

Military Geography of India:

- a) Concepts and scope of Geopolitics.
- b) Strategic location concerning Geo-strategy and Geopolitics.
- c) Size, Shape, Location, Nature, Climate, Population and National Resource affecting the national defence and security of the country.
- d) Strategic Importance of the Himalayas in the Defence of India

UNIT – II

25 Marks (30 L)

Frontiers:

- a) Definitions and importance of frontiers in national security.
- b) Land frontier.
- c) Coastal frontier.
- d) Air frontier.

UNIT – III

25 Marks (30 L)

Military geography and significance of frontier states of India:

- a) West Bengal
- b) Tripura
- c) Assam
- d) Mizoram
- e) Manipur
- f) Nagaland
- g) Sikkim
- h) Arunachal Pradesh
- i) Punjab
- j) Rajasthan
- k) Gujrat
- l) Jammu and Kashmir

UNIT – IV (Practical)

25 Marks (30 L)

- a) Basic idea of Small Arms.
- b) Characteristics, Labelled sketch and Mechanism of the following Arms:
 - i. 0.303 Rifle
 - ii. SLR
 - iii. LMG

***WARFARE* (4 Credits)**

UNIT – I

25 Marks (30 L)

War:

- a) Definition and objectives of War.
- b) Causes and effects of War.
- c) Concept of war by -
 - i) Carl Von Clausewitz
 - ii) Sun Tzu
 - iii) Kautilya

UNIT – II

25 Marks (30 L)

War Strategies:

- a) Principles of War.
- b) Operation of War.
- c) Strategy and Tactics of War.
- d) Conflict Resolution.

UNIT – III

25 Marks (30 L)

Types of War:

- a) Psychological War/ Chemical War/ Biological War/ Nuclear War.
- b) Guerilla Warfare/ Naval Warfare/ Air Warfare.
- c) Land warfare/ Jungle Warfare/ Desert Warfare/ Mountain Warfare.
- d) Cold War and its Causes.

UNIT – IV (Practical)

25 Marks (30 L)

Characteristics, Labelled Sketch and Mechanism of the following Arms:

- a. SMC
- b. 2-inch Mortar
- c. 36 HE Grenade
- d. Nuclear Bomb

DFSG – MD – CC 1 – 4 – TH / DFSG – MD – CC 2 – 4 – TH

Minor, Semester – 5 (MDC, Three Years Course)

DFSG – MD – MC4 – 5 – TH

Minor Semester – 6 (Four Years Course)

DFSG – H - Minor1 – 6 – TH / DFSG – H – Minor2 – 6 – TH

ORGANISATION OF INDIAN ARMED FORCES (4 Credits)

UNIT – I

25 Marks (30 L)

Indian Defence Organisations:

- a) Indian Defence Policy and Objectives.
- b) Organisation of Ministry of Defence of India.
- c) Organisation of Indian Navy and Air force.

UNIT – II

25 Marks (30 L)

Organisation of Indian Army:

- a) Out-line organisation of Static and Field Formation.
- b) Out-line organisation of Infantry Battalion.
- c) Out-line organisation of Armoured Regiment.
- d) Out-line organisation of Artillery Regiment.

UNIT – III

25 Marks (30 L)

Second Line of Defence:

- a) Coast Guard
- b) ITBP
- c) BSF
- d) CRPF
- e) CISR
- f) Assam Rifles
- g) NSG

UNIT – IV (Practical)

25 Marks (30 L)

- a) Drawing / Sketching of Prismatic Compass.
- b) Different Parts of Prismatic Compass.
- c) Uses of Prismatic Compass.

CC1/CC2 – MDC5, Semester – 4 (Three Years Course)

DEFENCE ARMS AND ARMAMENTS (4 Credits)

UNIT – I

25 Marks (30 L)

Diagram, Characteristics and Applications of some weapons carriers of Land Warfare:

- a) Tank– Role, Characteristics and Limitations.
- b) Vijayanta Tank.
- c) Patton Tank.
- d) Chaffee Tank.
- e) Arjun

UNIT – II

25 Marks (30 L)

Diagram, Characteristics and Mechanism of Naval Armament:

- a) Battle Ship
- b) Battle Cruiser
- c) Destroyer
- d) Air-Craft Carrier.
- e) Sloop.
- f) Frigate.
- g) Mine and Mine Sweeper.
- h) Motor Torpedo Boat.
- i) Submarine.
- j) Torpedo.
- k) Depth Charge.

UNIT – III

25 Marks (30 L)

Diagram, Characteristics and Mechanism of Air Force Armament:

- a) Glider
- b) Helicopter.
- c) Bomber
- d) Fighter.
- e) Missile.
- f) Fighter-Bomber.

UNIT – IV(Practical) **25 Marks (30 L)**

- a) Technical Drawing / Sketching and process of Night March
- b) Service Protector and its Applications

***SECURITY OF INDIA* (4 Credits)**

Unit – I

25 Marks (30 L)

India's Security:

- a. Concepts and factors affecting India's security.
- b. Internal and External security of India.
- c. Logistic Problem of India.

UNIT – II

25 Marks (30 L)

India's Foreign Policy:

- a. India's Foreign Policy: Concepts and scope,
- b. India's foreign policy's objectives and evolution.

UNIT – III

25 Marks (30 L)

Disarmament:

- a. Concepts of Disarmament and ArmsControl
- b. Objectives and Scope.
- c. Military Pacts and Regional Treaties.

***UNIT – IV*(Practical, Any One)**

25 Marks (30 L)

- a. Report Writing.
- b. Case study on internal security issues of India.

***INTERNATIONAL RELATION* (4 Credits)**

UNIT – I

25 Marks (30 L)

Meaning, Scope and Objectives:

- a. Meaning and scope of International Relations.
- b. Objectives of International Relations.

UNIT – II

25 Marks (30 L)

India's Relations with Big Powers:

- a. United States of America.
- b. Russia.
- c. United Kingdom.
- d. France.
- e. Japan

UNIT – III

25 Marks (30 L)

India's relations with its neighbouring countries:

- i. China
- ii. Bhutan
- iii. Sri Lanka
- iv. Pakistan
- v. Nepal
- vi. Myanmar
- vii. Bangladesh

***UNIT – IV* (Practical, Any One)**

25 Marks (30 L)

- a. Model making of Indian arms.
- b. Project on security issues in India.

MILITARY HISTORY OF INDIA (4 Credits)

UNIT – I

25 Marks (30 L)

Military System:

- a. Military system of the Pala Period.
- b. Military system of the Mughal Period.
- c. Military system of the Maratha Period.
- d. Military system of the Sikh Period.

UNIT – II

25 Marks (30 L)

Military Strategy:

- a. Strategy of First Battle of Panipath.
- b. Strategy of Second Battle of Panipath.
- c. Strategy of Third Battle of Panipath.
- d. Strategy of Battle of Plassey.
- e. Strategy of Battle of Chillianwala.

UNIT – III

25 Marks (30 L)

Modern Wars:

- a. Strategy of First World War.
- b. Strategy of Second World War.
- c. Military History of 1965 Indo–Pak War.
- d. Military History of 1971 Indo–Pak War.
- e. Military History of the 1962 Indo–China War

***UNIT – IV*(Practical, Any One)**

25 Marks (30 L)

Diagram and Battle Formation of the following Battle:

- a. First Battle of Panipat.
- b. Second Battle of Panipat.
- c. Third Battle of Panipat. d. Battle of Plassey.
- d. Battle of Chillianwala.

Semester – 1 / 2 / 3, MDC (Three Years Course)

***NATIONAL INTEGRATION* (3 Credits)**

UNIT – I

25 Marks (30 L)

- a. Definition and importance of National Integration.
- b. Essence and Necessity of National Integration.
- c. Factors affecting National Integration.
- d. Measures to achieve National Integration.
- e. Importance of leadership and its indicators.
- f. Morale values and character traits.
- g. Courtesy and customs of Man Management.

UNIT – II

25 Marks (30 L)

- a. Concepts of life skills and its importance.
- b. Personality Development and its factors.
- c. Environmental security and its sustainability.
- d. Cyber security.

***UNIT – III* (Tutorial, Any One)**

25 Marks (30 L)

- a. Climate Change.
- b. Human Security in the Digital Era.
- c. Social values and their Importance.

INDIAN ARMED FORCES (4 Credits)

UNIT – I

25 Marks (30 L)

Indian Army:

- a. Role of Indian Army.
- b. Name of Arms and Ammunition used by the Indian Army.
- c. Commands of the Indian Army.
- d. Ranks of Indian Army.
- e. Honours and Awards of Armed Forces.

UNIT – II

25 Marks (30 L)

Indian Navy:

- a. Role of Indian Navy.
- b. Arms and Armaments used by the Indian Navy.
- c. Commands of Indian Navy.
- d. Ranks of Indian Navy.

UNIT – III

25 Marks (30 L)

Indian Air Force:

- a. Role of Indian Air Force.
- b. Arms and Armaments used by the Indian Air Force.
- c. Commands of Indian Air Force.
- d. Ranks of Indian Air Force.

UNIT – IV (Tutorial, Any One)

25 Marks (30 L)

- a. India's Nuclear Arm Capabilities.
- b. India's Modern Weapon.
- c. Role of Bengal in World Wars.

UNIVERSITY OF CALCUTTA

DEFENCE STUDIES

Question Pattern with Marks Distribution of Different Semester

Papers: MDC – 1 to MDC – 8

Full Marks – 100

Theory – 75 Marks

Group – A

1. Answer 10 out of 15 questions
2. Each question of 2 Marks
3. **Total Marks : 10 X 2 = 20**

Group – B

1. Answer 5 out of 7 questions
2. Each question of 5 Marks
3. **Total Marks : 5 X 5 = 25**

Group – C

1. Answer 3 out of 5 questions
2. Each question of 10 Marks
3. **Total Marks : 10 X 3 = 30**

PRACTICAL

Total Marks – 25

1. Note Book – 5 Marks
2. Viva Voce – 5 Marks
3. Practical Work – 15 Marks

Paper: IDC

Full Marks – 75

Theory – 50 Marks

Group – A

1. Answer 10 out of 15 questions
2. Each question of 2 marks
3. **Total Marks : $10 \times 2 = 20$**

Group – B

1. Answer 6 out of 10 questions
2. Each question of 5 marks
3. **Total Marks : $6 \times 5 = 30$**

Group – C

1. **Tutorial – 25 Marks**

Paper: SEC

Full Marks – 100

Theory – 75 Marks

Group – A

1. Answer 10 out of 15 questions
2. Each question of 2 Marks
3. **Total Marks : $10 \times 2 = 20$**

Group – B

1. Answer 5 out of 7 questions
2. Each question of 5 Marks
3. **Total Marks : $5 \times 5 = 25$**

Group – C

1. Answer 3 out of 5 questions
2. Each question of 10 Marks
3. **Total Marks : $10 \times 3 = 30$**

Group – D

1. **Tutorial – 25 Marks**