

# VIDYASAGAR UNIVERSITY

Midnapore, West Bengal



*PROPOSED CURRICULUM & SYLLABUS (DRAFT) OF*

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**BACHELOR OF ARTS WITH DEFENCE STUDIES  
(MULTIDISCIPLINARY STUDIES)**

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**3-YEAR UNDERGRADUATE PROGRAMME**  
*(w.e.f. Academic Year 2023-2024)*

*Based on*

**Curriculum & Credit Framework for Undergraduate Programmes  
(CCFUP), 2023& NEP, 2020**

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VIDYASAGAR UNIVERSITY, PASCHIM MIDNAPORE, WEST BENGAL

**VIDYASAGAR UNIVERSITY**  
**BACHELOR OF ARTS IN HUMANITIES with DEFENCE STUDIES**  
*(under CCFUP, 2023)*

Level	YR.	SEM	Course Type	Course Code	Course Title	Credit	L-T-P	Marks			
								CA	ESE	TOTAL	
B.A. in Humanities with Defence Studies	2 <sup>nd</sup>	III	<b>SEMESTER-III</b>								
			Major-A2	DFSPMJ02	T: National Security and Indian History of War P: Practical <i>(To be studied by students taken Defence Studies as Discipline- A )</i>	4	3-0-1	15	60	75	
			Major-A3	DFSPMJ03	T: Defence Mechanism of India and Military Geography P: Practical <i>(To be studied by students taken Defence Studies as Discipline- A )</i>	4	3-0-1	15	60	75	
			SEC	SEC03	P: Logistics Management to the Indian Armed Forces <i>(To be taken Discipline C.)</i>	3	0-0-3	10	40	50	
			AEC	AEC03	Communicative English-2 <i>(common for all programmes)</i>	2	2-0-0	10	40	50	
			MDC	MDC03	Multidisciplinary Course-3 <i>(to be chosen from the list )</i>	3	3-0-0	10	40	50	
			Minor-3 (Disc.-C3)	DFSMIN03	T: Defence Mechanism of India, P: Practical <i>(To be studied by students taken Defence Studies as Discipline- C )</i>	4	3-0-1	15	60	75	
		<b>Semester-III Total</b>						20			375
		IV	<b>SEMESTER-IV</b>								
			Major-B2		<i>To be decided (Same as Major-A2 for Defence Studies taken as Discipline-B)</i>	4	3-0-1	15	60	75	
	Major-B3			<i>To be decided (Same as Major-A3 for Defence Studies taken as Discipline-B)</i>	4	3-0-1	15	60	75		
	Major (Elective) -1		DFSMJE-01	<i>To be chosen from the options (To be studied by students taken Defence Studies as Discipline- A)</i>	4	3-1-0	15	60	75		
	AEC		AEC04	MIL-2 <i>(common for all programmes)</i>	2	2-0-0	10	40	50		
	Minor -4 (Disc.-C4)		DFSMIN04	T: Military History and Military Geography P: Practical <i>(To be studied by students taken Defence Studies as Discipline- C )</i>	4	3-0-1	15	60	75		
	Summer Intern.		IA	Internship / Apprenticeship- activities to be decided by the Colleges following the guidelines to be given later	4	0-0-4	-	-	50		
	<b>Semester-IV Total</b>						22			400	
	<b>TOTAL of YEAR-2</b>						42	-	-	775	

MJP = Major Programme (Multidisciplinary), MI = Minor, A/B = Choice of Major Discipline; C= Choice of Minor Discipline; SEC = Skill Enhancement Course, AEC = Ability Enhancement Course, MDC = Multidisciplinary Course, CA= Continuous Assessment, ESE= End Semester Examination, T = Theory, P= Practical, L-T-P = Lecture-Tutorial-Practical, MIL = Modern Indian Language

## MAJOR (MJ)

**Major A2/B2: National Security and Indian History of War**

**Credits 04 Full Marks: 75**

**Major A2/B2T: National Security and Indian History of War**

**Credit - 3**

**Course contents:**

### **A. National Security: concepts and issues**

#### **Unit-I: Evolution of the concept of National Security:**

Objectives and Elements of National Security. Emergence of the specialist perspective of national security. Marxist concept of national security. Non- statist national security

#### **Unit-II: Geo-Strategic aspects of Defence and security:**

Factors affecting war and security – Boundary, size and shape, topography. Location, climate population. Strategic resources. Frontiers and its characteristics. Sea coasts and ports

#### **Unit-III: Economic aspects of Defence and security**

Industrial Developments and defence. Transport and Communications. Defence Expenditure and Procurement. Science and Technology in Defence. Effects on war on economy

#### **Unit-IV: National security - Internal and External**

Problems of Internal Security and its causes. Problems of External Security – Threats from Hostile Neighbouring Countries, Cross Boarder Terrorism. Foreign Policy Considerations. International Obligation for Peace and Security.

### **B. Indian History of War**

1. War: Definitions, objectives, scope, causes and effects, contributions of war.
2. Indo-Greek Art of war: Battle of Jhelum (326 B.C)
3. Indo-Turk Art of war: Battle of Tarrain I & II (1191 & 1192 A.D.)
4. Battle of Panipat-I (1526 A.D.)
5. Battle of Panipat-II (1556 A.D.)
6. Battle of Haldighat (1576 A.D.)
7. Battle of Plassy (1757A.D.)
8. Battle of Panipat-III (1761A.D)
9. Battle of Chilianwala( 1849AD)
10. Battle of Assaye (1803 AD)

**Major A2/B2P: Practical**

**Credit - 01**

1. Prepare sand models of Battle formations of the following battles and draw sketches of the same on plain papers:
  - a. Battle of Plassey,
  - b. Battle of Chillianwala,
  - c. Three Battles of Panipath.
2. News Paper clippings on securities related issues or related defense topics and a short essay on the basis of clippings to be produced.

3. **Field visit:** Field visit to a place of military interests. Students will submit a field report.
4. **Laboratory Note Book:** Students will be required to maintain records of all works done in connection with the topics taught in this paper.

### **Suggested Readings:**

1. K. Subrahmanum, Our National Security
2. Lt. Gen. O. Kathpalia, National Security Perspective
3. Bandopadhaya, Making of India's Foreign Policy
4. U. S. Bajpai, India's Security
5. K. Subrahmanum, Safeguarding the Republic Ed, Aruna Asaf Ali, India's
1. Unity and Security Challenges
6. Major Shiam Dal & P. K. Mukherjee, Text Book of Military Science, Vol. I & II 3
7. Dolly Arora, Internal Security in India
8. Bhatia, H.S. Military History of British India, Deep & Deep Publication. New Delhi
9. J.N. Sarkar, Military History of India
10. Akhtar Majee, No Farewell to Arms: Strategic issues in International Relations, New Delhi: Lancer Publishers Pvt. Ltd., 1991
11. Yengeny Dologopolov, The Army and the Revolutionary Transformation of Society, Moscow: Progress Publishers
12. Halperin Morton, Contemporary Military Strategy, Faber & Faber; Revised edition (December, 1970)
13. Maurice Clark - Reading in the economics of War, University of California Libraries, 1918
14. Sexena K.M. The Military system of India, Sterling Publication, New Delhi.
15. Sali M.L., India China Border Dispute, Ashish Publication, New Delhi.
16. Major D.K. Plait, The Essentials of Military Knowledge
17. V.K.R.V. Rao, War in Indian Economy.

## Major A3/B3: Defence Mechanism of India and Military Geography (Credits 04 Full Marks: 75)

### Major A3/B3T: Defence Mechanism of India and Military Geography Credit-03

#### Course contents:

#### A: National Security Organisation

National policy- Definition and objectives. National Defense Policy - Policy and Methods – National Defense policy of Post – independent India. Public information, Publicity, and propaganda. Role of Intelligence. National Security System including NSG

#### B. Defence Mechanism of India:

**a) Organisation and administration - Ministry of Defence:** Higher Defence Organizations of India - Power of the President of India in relation of Defence. Role and function of Ministry of Defence. Composition and function of Defence Committees. Chief of Staff and joint service Organization

**b) The Indian Defence Forces:** Recruitment methods for Defence services. Important training institution of the three services. **Second line of Defenses:** Armed Force of the Union, - History, formation, Division, function. Paramilitary Forces: Indian Coast Guard, Assam Rifles, Special Frontier Forces. Central Armed Police Forces: CRPF, BSF, ITBP, SSB, and CISF. Other Forces: NSG, SPG, RPF. Special Forces: Para Special Force [Para (SF)], Ghatak Force, marine Commando (MARCOS), Garud Commando Force. National Cadet Corps (NCC). Territorial Army

#### c) Organisation and administration of Defence forces – Army, Navy and Air Force.

Functional Organisation of Indian Army : **(1) Army :** Organization of army Headquarters - Static and Field formation- infantry and Armoured Corps – Arms and Services - Artillery – Air Defence, Engineers, Signals and Military aviation – Role of ASC,EME,AMC and Engineers in Logistic management- Role of intelligence, education , legal. Weapons of Indian Army. **(2) Air Force Organization of India :** Organization of Air Force Headquarters. Static and Field formation of Indian Air Force. Types of Aircrafts. **(3) Navy Organization of India :** Organization of Naval Headquarters . Static and Field formation of Indian Navy. Types of Warships.

**d) Rank Structure of the Three Services:** Army, Navy and Air Force.

**C: Defence Pacts and Agreements:** Pacts and Treaties – Concepts and Scope. NATO, WARSAW, CENTO, SEATO, Tashkhand treaty and Panchsheel. SAARC – economic and social Cooperation. Non-Aligned Movements (NAM). Role of SAARC and NAM in establishing world peace. India's relation with other Powers – USA, Russia, UK, France, China, India & Israel, India & BRICKS, India & Afganistan. Disarmaments – NPT, Civil Nuclear Agreements, Future Nuclear Cooperation, Pokhran I & II.

#### D: Military Geography:

Introduction: Meaning, nature, scope and elements of Military Geography. Role of geography in military application. Military Geography in India and defense problem. Role of geography in different warfare. Communication routes- land, sea and aerial- strategic scope. Population and Power.

Evolution of Military Geography: a) History & Development. b) Founders of Military Geography - F. Ratzal,, A.T. Mahan, Sir. Halfred Mackinder, Karl Haushofer, N.J. Spykman.

Applied Military Geography: Brief idea and application of a) Global Positioning System (GPS) b)

Global Information System (GIS) c) Remote Sensing.

### **E: Map Reading**

Theoretical aspects of Map Reading: Definition of Map, Introduction to types of Maps, Civil and Military Map, Conventional Signs. Scales & Grid System. Topographical forms and technical terms. Basic knowledge of Relief, Contours and Gradients. Cardinal points and Types of North. Types of bearings and use of Service Protractor. Prismatic compass and its use. Setting of a Map.

## **Major A3/B3P: Defence Mechanism of India and Military Geography (Practical) Credits 01**

### **A. Map Reading:**

1. Map – civil and military
2. Concept of military maps and map index
3. Topographical sheet
4. Scales and grid system
5. Conventional sign – civil and military
6. Compass: liquid prismatic compass – uses of compass during day and night
7. Location and identification of objects from ground to map and vice-versa
8. Preparation of night march chart
9. Preparation of weather chart
10. Field sketching, eye and memory sketching
11. Determination of visibility of survey maps of hilly region by comparing gradients and section drawing methods.

### **B. Field reports:**

Students will submit a field report based on participation in a NCC camps.

**C. Field visit:** Field visit to military establishment for the demonstration of different weapons, armaments and weapon carriers. Students will submit a field report.

**Major Elective (MJE)-01: Defense Industrial Potential, Transportation and Communication System in India** **Credits 04 (Marks: 75)**

**Major Elective (MJE)-01T: Defense Industrial Potential, Transportation and Communication System in India** **Credits 04**

**Course contents:**

**Unit-I: Defense Industrial Potential in India**

1. Resource – Definition, importance. Resource and its importance in national security.
2. Role of industrialization in Defense. Effects of industrialization on economy and defense of a country. Industrialization of India and its impacts on defense.
3. Scientific and industrial development in India since independence. Defence industries development of India since independence. Conversion of civil industries to defense industries.
4. Strategic minerals and logistic problems of India.
5. Defense industrial centers of India.

**Unit-II: Transportation System in India**

1. Transportation system in Indian- concept, types.
2. Significance and importance of transport in National Security.
3. Development of Roadways, Railways, Airways and Naval ways.

**Unit-III: Communication System in India**

1. Communication system in India- concepts. Significance and importance of communications in National security.
2. Types of communications: Postal services in India, Telegraph, telephones, wireless, internet. Postal and Telecom service in Defense.
3. Role of other communication system for defense.
4. Media: Public information, Publicity and Propaganda and its impact on National security.

**OR**

**Major Elective (MJE)-01: Military Sociology** **Credits 04 (Marks: 75)**

**Major Elective (MJE)-01T: Military Sociology** **Credits 04**

**Course contents:**

**Unit I:** Social Impact of War: Impact on Society and Impact on Military

**Unit II:** Post-War Social Problems: Social Problem of Re-settlement of War Victims and Post-War Reconstruction

**Unit III:** Impact on Military Demobilization, Rehabilitation and Social Adjustment of Released Military Personnel

**Unit IV:** Role of Women in Armed Forces: Contemporary Issues and Trends

MINOR (MI)

**MI-3/ C3: Defence Mechanism of India**

**Credits 04 Full Marks: 75**

**MI-3/ C3T: Defence Mechanism of India**

**Credit-3**

**Course contents:**

**A: National Security Organisation**

National policy- Definition and objectives. National Defense Policy - Policy and Methods – National Defense policy of Post – independent India. Public information, Publicity, and propaganda. Role of Intelligence. National Security System including NSG

**B. Defence Mechanism of India:**

**a) Organisation and administration - Ministry of Defence:** Higher Defence Organizations of India - Power of the President of India in relation of Defence. Role and function of Ministry of Defence. Composition and function of Defence Committees. Chief of Staff and joint service Organization

**b) The Indian Defence Forces:** Recruitment methods for Defence services. Important training institution of the three services. **Second line of Defenses:** Armed Force of the Union, - History, formation, Division, function. Paramilitary Forces: Indian Coast Guard, Assam Rifles, Special Frontier Forces. Central Armed Police Forces: CRPF, BSF, ITBP, SSB, and CISF. Other Forces: NSG, SPG, RPF. Special Forces: Para Special Force [Para (SF)], Ghatak Force, marine Commando (MARCOS), Garud Commando Force. National Cadet Corps (NCC). Territorial Army

**c) Organisation and administration of Defence forces – Army, Navy and Air Force.**

Functional Organisation of Indian Army : **(1) Army :** Organization of army Headquarters - Static and Field formation- infantry and Armoured Corps – Arms and Services - Artillery – Air Defence, Engineers, Signals and Military aviation – Role of ASC, EME, AMC and Engineers in Logistic management- Role of intelligence, education , legal. Weapons of Indian Army. **(2) Air Force Organization of India :** Organization of Air Force Headquarters. Static and Field formation of Indian Air Force. Types of Aircrafts. **(3) Navy Organization of India :** Organization of Naval Headquarters . Static and Field formation of Indian Navy. Types of Warships.

**d) Rank Structure of the Three Services:** Army, Navy and Air Force.

**C: Defence Pacts and Agreements:** Pacts and Treaties – Concepts and Scope. NATO, WARSAW, CENTO, SEATO, Tashkhand treaty and Panchsheel. SAARC – economic and social Cooperation. Non-Aligned Movements (NAM). Role of SAARC and NAM in establishing world peace. India's relation with other Powers – USA, Russia, UK, France, China, India & Israel, India & BRICKS, India & Afganistan. Disarmaments – NPT, Civil Nuclear Agreements, Future Nuclear Cooperation, Pokhran I & II.

**MI-3/ C3P: Defence Mechanism of India**

**Credit-1**

- 1. Field reports:** Students will submit a field report based on participation in a NCC camps.
- 2. Field visit:** Field visit to military establishment for the demonstration of different weapons, armaments and weapon carriers. Students will submit a field report.

**MI-4/C-4: Military History and Military Geography**

**Credits 04 Full Marks: 75**

**Course contents:****Module -I: Military History**

**a.** Definition, Concept, Significance to study Military history. Military system of India since Vedic era to modern India.. A brief survey of the military tradition of India. Weapon, Battle dress. Kautilya's philosophy of war organization and art of war, weapons and interstate relation. War pattern and tactics in different periods in India – a comparative study. Historiography of military history of India.

**b.** Biographies of renowned Generals:

- i. Niccolo Machiavelli (1469-1527), Giulio Douhet (1869 - 1930), Jorge Smith Patton (1885-1945), Bernard Law Montgomery (1887-1976), J. E. Rommel (1891-1944)
- ii. Kodandera Madappa Cariappa (1899-1993), S.H.F.J. Manekshaw (1914-2008), Subrata Mukherjee (1911- 1960), Sundarilal Matharadas Nanda (1915-2009).

**c.** Indian Army War Heroes – PVCs.

**d.** Study of the following important battles of India with its background, causes, results and its review: Kashmir Conflict (1947), Operation of Mizo National Front (1966), Indo Pak war 1965, 1971, Operation Cactus (1988), Sri-Lanka Mission (1987-1990) & Kargil war (1999).

**Module -II: Military Geography**

**a) Introduction:** Meaning, nature, scope and elements of Military Geography. Man and Environment. Role of geography in military application. Military geography in India and defense problem in relation thereto-role of geography in different warfare.

**b) Evolution of Military Geography:** a) History & Development. b) Founders of Military Geography - F. Ratzel, A.T. Mahan, c) Sir. Halfred Mackinder, Karl Haushofer, N.J. Spykman

**c) Inter-State relations & Geographical factors:** a) Frontiers and Boundaries of India - its meaning & differences types of borders and boundaries. b) Communication routes- land, sea and aerial- strategic scope. c) Population and Power

**d) Geography and Foreign Policy of India:** a) India's Geo-strategic significance, b) India's borders, c) Indian Ocean territory and strategic significance.

**e) Applied Military Geography:** Brief idea on a) Global Positioning System (GPS), b) Global Information System (GIS) and c) Remote Sensing.

**f) Theoretical aspects of Map Reading:** Introduction to different types of Maps, and Conventional Signs.

Scales & Grid System. Topographical Relief features, Contours and Gradients - Cardinal points and Types of North - Types of bearings and use of Service Protractor - Prismatic compass and its use. Setting a Map - finding North and own position - Map to Ground, Ground to Map - Point to Point March – use of GPS.

#### **MI-4/C-4P: Military History and Military Geography (Practical)**

**Credits 01**

#### **Practical Outlines:**

##### **1. Military History:**

**a.** Prepare sand models of Battle formation of the following Battles:

- i) Indo-Pak war of 1947, 1962, 1971,
- ii) Kargil war, 1999.

**b.** Draw sketches on plan papers of the following Battles:

- i) Indo-Pak war of 1947, 1962, 1971,
- ii) Kargil war, 1999.

##### **2. Map Reading:**

1. Map – civil and military
2. Concept of military maps and map index
3. Topographical sheet
4. Scales and grid system
5. Conventional sign – civil and military
6. Compass: liquid prismatic compass – uses of compass during day and night
7. Location and identification of objects from ground to map and vice-versa
8. Preparation of night march chart
9. Preparation of weather chart
10. Field sketching, eye and memory sketching
11. Determination of visibility of survey maps of hilly region by comparing gradients and section drawing methods.

#### **Suggested Readings:**

1. K. Subrahmanum, Safeguarding the Republic Ed, Aruna Asaf Ali, India's Unity and Security Challenges
2. Major Shiam Dal & P. K. Mukherjee, Text Book of Military Science, Vol. I & II 3
3. Dolly Arora, Internal Security in India
4. Bhatia, H.S. Military History of British India, Deep & Deep Publication. New Delhi
5. J.N. Sarkar, Military History of India
6. Akhtar Majee, No Farewell to Arms: Strategic issues in International Relations, New Delhi: Lancer Publishers Pvt. Ltd., 1991
7. Yengeny Dologopolov, The Army and the Revolutionary Transformation of Society, Moscow: Progress Publishers
8. Halperin Morton, Contemporary Military Strategy, Faber & Faber; Revised edition (December, 1970)
9. Sexena K.M. The Military system of India, Sterling Publication, New Delhi.
10. Sali M.L., India China Border Dispute, Ashish Publication, New Delhi.

11. Major D.K. Plait, The Essentials of Military Knowledge

**SKILL ENHANCEMENT COURSE (SEC)**

**SEC 3: Logistics Management to the Indian Armed Forces**

**Credits 03**

**SEC3P: Logistics Management to the Indian Armed Forces**

**Full Marks: 50**

**Course Outline:**

1. Nature of Modern War- Spectrum and Tools of Conflict, Economic Resources and Industrial base.
2. Meaning, Scope and Principles of Logistic management.
3. Organisational Structure for Logistic Support.
4. Logistic Planning in war and peace times.
5. Higher direction of Defence Logistics- Procurement of goods and services, financial implications, Contract management.
6. Reforms in Logistic management.

***Evaluation/ Assessment: Practical /Project on relevant topics (Project- 30 marks; Viva-Voce- 10 marks)***