

# **VIDYASAGARUNIVERSITY**

Midnapore, West Bengal



*PROPOSED CURRICULUM&SYLLABUS (DRAFT) OF*

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**BACHELOR OF ARTS WITH MILITARY SCIENCE  
(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/ SOCIAL SCIENCE with MILITARY SCIENCE**  
*(under CCFUP, 2023)*

Level	YR.	SEM	Course Type	Course Code	Course Title	Credit	L-T-P	Marks				
								CA	ESE	TOTAL		
B.A. in Humanities / Social Science with Military Science as Disc.- A/B/C	1 <sup>st</sup>	I	<b>SEMESTER-I</b>									
			Major-1 (Disc.-A1)	MLSPMJ101	<b>T: Defense Mechanism &amp; Strategists in Art of War -I</b> <i>(To be studied by the students taken Military Science as Discipline-A)</i>			4	3-0-1	15	60	75
			SEC	MLSSEC01	<b>P: Defence Production in India</b>			3	0-0-3	10	40	50
			AEC	AEC01	Communicative English-1 ( <i>common for all programmes</i> )			2	2-0-0	10	40	50
			MDC	MDC01	Multidisciplinary Course-1 ( <i>to be chosen from the list</i> )			3	3-0-0	10	40	50
			VAC	VAC01	VAC-01: ENVS ( <i>common for all programmes</i> )			4	2-0-2	50	50	100
			Minor-1 (Disc.-C1)	MLSMI01	<b>T: Art of War &amp; Defense Organization of India – I</b> <i>(To be studied by the students taken Military Science as Discipline-C)</i>			4	3-0-1	15	60	75
		<b>Semester-I Total</b>						<b>20</b>				<b>400</b>
		II	<b>SEMESTER-II</b>									
			Major-2 (Disc.- B1)		<i>To be decided (Same as like A1 for students taken Military Science as Discipline-B )</i>			4	3-0-1	15	60	75
			SEC	MLSSEC02	<b>P: Road safety &amp; Road Rights</b>			3	0-0-3	10	40	50
			AEC	AEC02	MIL-1 ( <i>common for all programmes</i> )			2	2-0-0	10	40	50
			MDC	MDC02	Multi Disciplinary Course-02 ( <i>to be chosen from the list</i> )			3	3-0-0	10	40	50
			VAC	VAC02	VAC-02 ( <i>to be chosen from the list</i> )			4	4-0-0	10	40	50
			Minor-2 (Disc.-C2)	MLSMI02	<b>T: Man management in Armed Force and Defense Organization of India – II</b> <i>(To be studied by the students taken Military Science as Discipline-C)</i>			4	3-0-1	15	60	75
			Summer Intern.	CS	Community Service			4	0-0-4	-	-	50
		<b>Semester-II Total</b>						<b>24</b>				<b>400</b>
<b>TOTAL of YEAR-1</b>						<b>44</b>	-	-	-	<b>800</b>		

PMJ= 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, VAC = Value Added Course; CA= Continuous Assessment, ESE= End Semester Examination, T = Theory, P= Practical, L-T-P = Lecture-Tutorial-Practical, MIL = Modern Indian Language, ENVS = Environmental Studies

## MAJOR (MJ)

**Major A1/B1: Defense Mechanism & Strategists in Art of War -I**

**Credits 04**

**Major A1/B1T: Defense Mechanism & Strategists in Art of War -I**

**Full Marks: 75**

**Course contents:**

### **1. Principles of Defense Mechanism**

- a) Principles of Defense Organization
  - i) Objectives ii) Co operation iii) Flexibility iv) balance V) Economy vi) Accuracy Vii) De centralization Viii) Unity of Efforts, ix) Defense technique/ Technicalities.
- b) Principles of Defense Administration
  - i) Foresight, ii) Flexibility, iii) Economy, iv) Simplicity, v) Co – operation, vi) Organs / Units of defense Administration..

### **2. Reconstruction of Indian Armed Forces in colonial & post - colonial India.**

- a) Indian armed forces under the British, b) Reconstruction of Army after 1947,
- b) Reconstruction of Navy, c) Reconstruction of Air Force.

### **3. Hierarchy of Higher Defense Organization**

- a) President and Indian Armed Forces,
- b) Defense committee of cabinet,
- c) Ministry of Defense,
- d) National Defense Council.

### **4. Defense Organization of India – I**

- A. **Indian Armed Forces** : Strength, task of Indian armed forces. Gallantry award & Military decoration of Indian army. Doctrine, corps and field forces.
- B. **Organizational structure of Indian Army** : Commands -- operational commands, training commands. Static formation of army, field formation of army. Composition of Indian army: a) Organization structure of an infantry battalion, b) Organizational structure of an armoured regiment, c) Organizational structure of artillery Field Regiment: Field artillery, air defense artillery. Artillery equipments and ammunition: arms and armaments, Shell and ammunition. Chief function of artillery Regiments.
- C. Structural changes in Indian Defense Organization.
- D. **Indian Navy** : History, structure, organization, characteristics, command, support services, role during war.
- E. D. **Indian Air Force**: History, structure, organization, characteristics commands: operational command, training commands and maintenance commands. Limitation role during war.

### **5. A brief account of the contributions made by the following Strategists in Art of War**

#### **A. International**

- a) Niccolo Machiavelli (1469 – 1527), b) Antoine Henri Jomini (1779 – 1869), c) Alfred Thayer Mahan (1840 – 1914), d) Giulio Douhet (1869 – 1930), e) Carl Von Clausewitz (1780 – 1831), f) Jorge Smith Patton (1885-1945), g) Bernard Law Monogomery (1887-1976), h) Erwin Johannes Eugen Rommel ( 1891-1944), i) Mao-Tse-Tung (1893 – 1976), j) Basil Henry Liddell Hart (1895 – 1970).

#### **B. National**

- a) Kodandera Madappa Cariappa ( 1899 – 1993), b) S.H.F.J. Manekshaw (1914 – 2008), c) Jayanta Nath Choudhury ( 1908-1983), d) Subrata Mukherjee ( 1911 -1960), e) Adhar Kumar Chatterjee( 1914 -2001), f) Sundarilal Mathradas Nanda ( 1915 – 2009)

MINOR (MI)

**MI-1/ C1: Art of War & Defense Organization of India – I**

**Credits 04**

**MI-1/ C1T: Art of War & Defense Organization of India – I**

**Full Marks: 75**

**1. Defense Mechanism:**

- a) Principles of Defense Organization
  - i) Objectives ii) Co operation iii) Flexibility iv) balance V) Economy vi) Accuracy Vii) De centralization Viii) Unity of Efforts, ix) Defense technique/ Technicalities.
- b) Principles of Defense Administration
  - i) Foresight, ii) Flexibility, iii) Economy, iv) Simplicity, v) Co – operation, vi) Organs / Units of defense Administration..

**2. Some examples of Strategists followed in Art of War**

**A. International**

**a)** Niccolo Machiavelli (1469 – 1527), **b)** Antoine Henri Jomini (1779 – 1869), **c)** Alfred Thayer Mahan (1840 – 1914), **d)** Giulio Douhet (1869 – 1930), **e)** Carl Von Clausewitz (1780 – 1831), **f)** Jorge Smith Patton (1885-1945), **g)** Bernard Law Monogomery (1887-1976), **h)** Erwin Johannes Eugen Rommel ( 1891-1944), **i)** Mao-Tse-Tung (1893 – 1976), **j)** Basil Henry Liddell Hart (1895 – 1970).

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- C. Structural changes in Indian Defense Organization.
- D. **Indian Navy** : History, structure, organization, characteristics, command, support services, role during war.
- E. D. **Indian Air Force**: History, structure, organization, characteristics commands: operational command, training commands and maintenance commands. Limitation role during war.

**MI-2/C-2: Man management in Armed Force and Defense Organization of India – II**  
**Credits 04**  
**Full Marks: 75**

**MI-2/C-2T: Man management in Armed Force and Defense Organization of India – II**

**Course contents:**

**Unit A: Military leadership, Man management in Armed Force, Military awards & Decoration**

- a. Discipline: Definition, purpose & tools of maintaining discipline. Discipline and duties of a citizen, leadership taints.
- b. Awareness of major problems -- communal problem, health, sanitation, public service. Economic,handicaps, ignorance of education. Forest ecology and wild life, Health and Hygiene, infective diseases, personal hygiene and preventive diseases, water supply, disposal of garbage.
- c. Personality: traits, group behavior and communication skills in organizing armed force.
- d. Leadership: Meaning, definition, types & levels. Theories of leadership. Military leadership - meaning, attribute, importance and role in training & warfare.
- e. Man management -- concept, importance - Motivation and morale factors and their utilization in the armed forces.
- f. Awards & Decoration: Military orders, decoration, medals, awards and Honours – international aspects. Military awards and decorations of India.

**Unit – B: Defense organization of India -II**

**Second line of Defenses:** Armed Force of the Union -- History, formation, division, functions.

- a) Paramilitary Forces: Indian Coast Guard, Assam Rifles, Special Frontier Forces.
- b) Central Armed Police Forces: Central Reserve Police Forces (CRPF), Boarder Security Forces (BSF), Indo - Tibetan Boarder Police (ITBP), Shasatra Seema Bal (SSB), Central Industry Security Force (CISF).
- c) Other Forces: National Security Guards (NSG), Special Protection Group (SPG), Railway Protection Forces (RPF).
- d) Special Forces: Para Special Force [Para (SF)], Ghatak Force, Marine Commando (MARCOS), Garud Commando Force.
- e) National Cadet Corps(NCC)
- f) Territorial Army

## SKILL ENHANCEMENT COURSE (SEC)

**SEC 1: Defence Production in India**

**Credits 03**

**SEC1P: Defence Production in India**

**Full Marks: 50**

**Course Outline:**

**Suggested Reading:**

**1. Defence Production and Organization in India**

a) Department of Defence Production in the Ministry of Defence (Structure and Functions). b) Industrial potential of Expansion of Military Strength. c) Defence Production Organization (Main).

**2. Defence Production Industries in India:**

a) Defence Public sector Undertakings (DPSU), b) Private Sector and small scale Industries (Link with Logistics), Interaction with Industry

**3. Defence Research and Development Organization (DRDO):**

a) Structure b) Development c) Role.

**4. Arms and Ammunition Production and Ordnance Factories:**

a) Small Arms b) Artillery c) Tanks and Combatant Vehicles d) Ammunitions

**5. Engineering and Electronic Equipment Production in India**

**6. Technology in India:**

a) Missiles Technology b) Nuclear Establishments c) Space Technology and Development

**SEC 2: Road safety & Road Rights**

**Credits 03**

**SEC 2P: Road safety & Road Rights**

**Full Marks: 50**

**Course Outline:**

**1. Conceptual framework – i) Introduction, ii) Meaning, iii) Concept, iv) Need.**

2. i) Road Safety & National Security. ii) Importance of Study of Road Safety.

3. Road Infrastructure & Road Safety – i) Quality of Road. ii) Use of Techniques & Material for road building.

4. Inspection System.

5. Road network and its impact – i) Types of roads, ii) Road signs

6. License system of vehicles and Motor Vehicles Act and Rules, WB... Safe Drive –Save Life