VIDYASAGARUNIVERSITY

Midnapore, West Bengal

PROPOSED CURRICULUM&SYLLABUS (DRAFT) OF

BACHELOR OF ARTS WITH MILITARY SCIENCE

(MULTIDISCIPLINARY STUDIES)

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

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

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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)

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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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3. Reconstruction of Indian Armed Forces in colonial & post - colonial India.

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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.

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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

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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

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