# VIDYASAGAR UNIVERSITY

Midnapore, West Bengal

*PROPOSED CURRICULUM & SYLLABUS (DRAFT) OF*

# BACHELOR OF ARTS WITH NCC

# (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 with NATIONAL CADET CORPS (NCC)
## Under CCFUP (NEP)

| Level | YR. | SEM | Course Type | Course Code | Course Title | Credit | L-T-P | Marks | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | CA | ESE | TOTAL |
| B.A. in Humani -ties with NCC | 2nd | III | **SEMESTER-III** | | | | | | | |
| | | | **Major-A2** | **NCCPMJ02** | Personality Development, Human Health, Social & Environmental awareness ***(To be studied by students taken NCC as Discipline- A )*** | **4** | **3-0-1** | **15** | **60** | **75** |
| | | | **Major-A3** | **NCCPMJ03** | Defense Organization, Military Geography, Military History ***(To be studied by students taken NCC as Discipline- A )*** | **4** | **3-0-1** | **15** | **60** | **75** |
| | | | **SEC** | **SEC03** | Military Geography and Map Reading ***(To be taken Discipline C.)*** | **3** | **0-0-3** | **10** | **40** | **50** |
| | | | **AEC** | **AEC03** | Communicative English-2 (***common for all programmes***) | **2** | **2-0-0** | **10** | **40** | **50** |
| | | | **MDC** | **MDC03** | Multidisciplinary Course-3 (***to be chosen from the list*** ) | **3** | **3-0-0** | **10** | **40** | **50** |
| | | | **Minor-3 (Disc.-C3)** | **NCCMIN03** | Indian Defense Organization and Military History (To be studied by students taken NCC as Discipline- C ) | **4** | **3-0-1** | **15** | **60** | **75** |
| | | | | | **Semester-III Total** | **20** | | | | **375** |
| | | IV | **SEMESTER-IV** | | | | | | | |
| | | | **Major-B2** | | ***To be decided (Same as Major–A2 for NCC taken as Discipline-B)*** | **4** | **3-0-1** | **15** | **60** | **75** |
| | | | **Major-B3** | | ***To be decided (Same as Major–A3 for NCC taken as Discipline-B)*** | **4** | **3-0-1** | **15** | **60** | **75** |
| | | | **Major (Elective) -1** | **NCCMJE-01** | Map Reading, Field Craft, Battle Craft and Weapon Training ***(To be studied by students taken NCC as Discipline- A)*** | **4** | **3-0-1** | **15** | **60** | **75** |
| | | | **AEC** | **AEC04** | MIL-2 (***common for all programmes***) | **2** | **2-0-0** | **10** | **40** | **50** |
| | | | **Minor -4 (Disc.-C4)** | **NCCMIN04** | Role of NCC in Nation Building ***(To be studied by students taken NCC as Discipline- C )*** | **4** | **3-1-0** | **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** |
| | | | | | **Semester-IV Total** | **22** | | | | **400** |
| | | | | | **TOTAL of YEAR-2** | **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



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## *MAJOR (MJ)*

**Major A2/B2: Personality Development, Human Health, Social & Environmental awareness**
**Credits 04 (Full Marks: 75)**

**Major A2/B2T: Personality Development, Human Health, Social & Environmental awareness**
**Credits 03**

**Course contents:**

**Module -I: Personality Development and Leadership**

1. Personality Development introduction. Factors Influencing /shaping Personality: Physical, social, psychological and philosophical.
2. Self-Awareness – Know yourself/ Insight. Self Defense- Theory and practice, prevention of untoward incidence. Self defense mechanisms. Change your mind set.
3. Interpersonal relationship and communication.
4. Leadership Traits. Types of Leadership and perception. Effects of Leadership with historical examples. Attitude – Assertiveness and negotiation.
5. Time management. Stress management.
6. Importance of Group /Team Work.
7. Influencing Skills. Sociability: Social Skills. Values / Code of Ethics.

**Module-II: Health and Hygiene**

1. Structure & functioning of the human body. Hygiene & sanitation (Personal & Food hygiene). Physical & Mental Health. Infectious & Contagious Diseases & its prevention. Preventable diseases, fractures and types of treatments.
2. Basics of home nursing. First aids: methods and Practice. First aids in common medical emergencies. Snake bites. Wounds & Fractures. Dressing of wounds.
3. Yoga &Exercises – introduction. Role on physical and mental health.

**Module-III: Environmental Awareness and Conservation**

1. Natural Resources – Conservation & Management. Water Conservation &Rainwater harvesting. Waste Management.
2. Environment and ecology – pollution and its control; Water, Air, Noise and Soil. Wild life conservation. Energy Conservation.

**Module-IV: Social Awareness**

1. Basics of Social Service, weaker sections of our society and their needs.
2. Social Evils - Dowry/Female Foeticide /Child abuse & trafficking, etc. Provisions of Protection of Children from Sexual Harassment Act 2012.
3. Contribution of youth towards social welfare. Civic Responsibilities.
4. NCC cadets and civil administration.

**Major A2/B2P: Practical** **Credits 01**

1. **Drill :**
   Drill without Arms: i) Sizing, forming up in three ranks, numbering, open and close order march and dressing, ii) Getting on parade, dismissing and fall out, iii) Saluting at the halt, iv) Marching, length of space and time of marching, marching in quick tome and halt, v) Turning at the march and wheeling, vi) Saluting at the march, vii) Side space, pace forward and to the rear, viii) Marking time, forward and halt in quick time and changing step, ix) Formation of squad



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and squad drill.

2. **First Aids**
   i. Principles of First aids.
   ii. First aids for Snake bite, Burns and Scalds, Drowning, Poisoning, Dog bite.

3. **Tactical exercise without troops**
   a. Sand model on the following: a) attack, b) defense
   b. Outline organization of infantry Battalion in Lab Note Book
   c. Chart showing Organization, weapons at equipments at platoon level
   d. Verbal order at platoon level
   e. Movement without arms and section battle drill
   f. Message writing



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**Major A3/B3: Defense Organization, Military Geography, Military History**

**Credits 04 (Marks: 75)**

**Major A3/B3T: Defense Organization, Military Geography, Military History Credits 03**

**Course Contents:**

**Module-I: Defense Organization of India**

**a) Principles of Defense Organization**. Principles of defense organization and administration. **Reconstruction of Indian Armed Forces -** a) Indian armed forces under the British Rule, b) Reconstruction of Army after 1947, b) Reconstruction of Navy, c) Reconstruction of Air Force- Hierchy of Higher Defense Organization of India of Present time. Hierarchy of Higher Defense Organization.

**b) Indian Armed Forces:** Basic organisation of Armed Forces. Strength, task & role of Indian armed forces. Organizational structure of Indian Army: Different Commands of Indian army. Static formation of army, field formation of army. Composition of Indian army: a) Organizational structure of an infantry battalion, b) Organizational structure of an Armoured regiment, c) Organizational structure of artillery Field Regiment.

**c) Indian Navy:** History, structure, organization, characteristics, command, support services, its role during war.

**d) Indian Air Force:** History, structure, organization, characteristics and Different commands of Indian Air Force: Limitation of Air Force role during war.

**Module -II:**

**A. Organization of Supported Arms:**

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

**B. Military decoration of Indian army:**

Badges of Ranks- Honours and Awards - Gallantry award - Doctrine, Corps and field forces - Concept of Integrated Defence staff- Modes of entry to army - Structural changes in Indian Defense Organization

**Module -III: 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



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Geography - F. Ratzal, 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.

**Module -IV: 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.

**b.** Study of the following important battles of India with its background, causes, results and its review: Battle of Panipath (1526AD), Battle of Plessey (1757AD), Battle of Chillianwalla (1849AD), 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).

**Major A3/B3P: Practical** **Credits 01**

**1. Drill with Arms:**

a. Getting on parade with rifle and dressing at the order.
b. Dismissing and falling out.
c. Ground / take up arms
d. General salute, salami shastra
e. Squad drill
f. Short / long tail from the order and vice-versa
g. Examine arms



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**Major Elective (MJE)-01: Map Reading, Field Craft, Battle Craft and Weapon Training**

**Credits 04 (Marks: 75)**

**Major Elective (MJE)-01T: Map Reading, Field Craft, Battle Craft and Weapon Training**

**Credits 03**

**Course Contents:**

**Module -I: Map Reading**

**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.

**Module - II: Field Craft, Battle Craft**

Introduction. Judging Distance and its methods. Description of ground. Recognition, description and indication of landmarks & targets. Observation, Camouflage and Concealment. Field Signals. Section Formations. Section Battle Drill. Firefighting. Fire Control Orders. Fire and Movement. Knots and Lashings. Section Battle Drill.

**Module -III: Weapon Training**

**Theoretical aspects of Weapon Training**

**1.** Object of Weapon training. Types of weapons, parts, stripping and assembling of light guns. Characteristics of a rifle - rifle ammunition and its firepower. Rifle Mark III.
**2.** Stripping, assembling, care and cleaning and sight setting of .22 rifle.
**3.** Stripping, assembling, care and cleaning of 7.62mm SLR and its loading cocking and unloading.
**4**. Rules of Aiming. Firing position. The lying position, Holding& aiming.
**5.** Trigger control and firing a shot.
**7.** Range procedure and safety precautions.
**8.** Theory of Group and Snap shooting.
**9.** Short range firing, Aiming – Alteration of sight.
**10.** Rifle firing and follow up practice.
**11.** Parts of heavy weapons, stripping and assembling of heavy weapons
**12**. Essentials of Good Shooting

**Major Elective (MJE)-01P: Map Reading, Field Craft, Battle Craft and Weapon Training**

**Credits 01**

**Practical:**

**A. Map Reading:**

1. Map – civil and military
2. Concept of military maps and map index
3. Topographical sheet
4. Scales and grid system



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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.



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## *MINOR (MI)*

**MI-3/ C3: Indian Defense Organization and Military History** **Credits 04 Full Marks: 75**

**MI-3/ C3T: Indian Defense Organization and Military History** **Credits 03**

**Course Contents:**

**Module-I: Defense Organization of India**

**a) Principles of Defense Organization**. Principles of defense organization and administration. **Reconstruction of Indian Armed Forces -** a) Indian armed forces under the British Rule, b) Reconstruction of Army after 1947, b) Reconstruction of Navy, c) Reconstruction of Air Force- Hierchy of Higher Defense Organization of India of Present time. Hierarchy of Higher Defense Organization.

**b) Indian Armed Forces:** Basic organisation of Armed Forces. Strength, task & role of Indian armed forces. Organizational structure of Indian Army: Different Commands of Indian army. Static formation of army, field formation of army. Composition of Indian army: a) Organizational structure of an infantry battalion, b) Organizational structure of an Armoured regiment, c) Organizational structure of artillery Field Regiment.

**c) Indian Navy:** History, structure, organization, characteristics, command, support services, its role during war.

**d) Indian Air Force:** History, structure, organization, characteristics and Different commands of Indian Air Force: Limitation of Air Force role during war.

**Module -II:**

**A. Organization of Supported Arms:**

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

**B. Military decoration of Indian army:**
Badges of Ranks- Honours and Awards - Gallantry award - Doctrine, Corps and field forces - Concept of Integrated Defence staff- Modes of entry to army - Structural changes in Indian Defense Organization

**Module -III: 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.



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**b.** Study of the following important battles of India with its background, causes, results and its review: Battle of Panipath (1526AD), Battle of Plessey (1757AD), Battle of Chillianwalla (1849AD), 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).

**MI-3/ C3P: Practical** **Credits 01**

**1. Drill with Arms:**

a. Getting on parade with rifle and dressing at the order.
b. Dismissing and falling out.
c. Ground / take up arms
d. General salute, salami shastra
e. Squad drill
f. Short / long tail from the order and vice-versa
g. Examine arms

**3**. **News paper clippings:** News paper clippings on relevant defense related topics and a short essay on the basis of clippings to be produced.

**4**. **Field visit:** Field visit to defense establishment/ places of military interests. Students will submit a field report.



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**MI-4/C-4: Role of NCC in Nation Building** **Credits 04 (Full Marks: 75)**

**MI-4/C-4T: Role of NCC in Nation Building.**

**Course Contents:**

**Unit 1: National Integration:**

a) Concept, Importance, Religion, Culture, Tradition and Customs of India,
b) National Interests and National Threats,
c) Problems and Challenges of National Integration-Social Disparity, Linguistic, Fanaticism, Casteism, Regionalism, Communalism, Economic inequalities-Poverty, Unemployment, Growth of Population, Corruption;
d) Opportunities- Defence & Police Force, National Games
e) NCC's Role in Unifying India

**Unit 2: Social Service and Community Development**

a) Introduction, Weaker Section of Society and their Needs
b) Contribution of NCC towards Social Welfare
c) NGO's Role and Contribution

**Unit 3: Human Rights**

a) Fundamental Rights, Duties of Citizen;
b) Human Right Organizations;
c) Rural Development Programmes: MGNREGA, SGSY, JGSY, IAY,NASP, PMGSY
d) Contribution of NCC towards Community Development

**Unit 4: Aid to Civil Authority**

a) Disaster Management: introduction, Types of Natural Disaster, Role of NCC in various Disasters
b) Civil Defence, Organization of Civil Defence; Role of NCC;
c) Fire Fighting-Fire Fighting Equipments, Role of NCC
d) Role of NCC in Traffic Control

**Suggested Books/ Readings:**

1. NCC Cadet Hand Book
2. V. Longer: Youth In Step
3. NCC Common Subject
4. Lt G. D. Singh, Pvsm, Vsm: Field Marshal S. Manekshaw (Soldiering With Dignity)



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## *SKILL ENHANCEMENT COURSE (SEC)*

**SEC 3: Military Geography and Map Reading** **Credits 03**

**SEC3P: Military Geography and Map Reading (Practical)** **Full Marks: 50**

**Course Outline:**

**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. Ratzal, 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.

**Map Reading (Practical)**

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.



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