

Vidyasagar University

Curriculum for B.Sc (General) in National Cadet Corps (NCC) [Choice Based Credit System]

Semester-I

Course	Course Code	Name of the Subjects	Course Type/ Nature	Teaching Scheme in hour per week			Credit	Marks
				L	T	P		
CC1 [DSC-1A]		C1T: NCC , National Security , Indian Army – History & Organization & National Integration & Awareness	Core Course-1	4	0	0	6	75
		C1P: Practical		0	0	4		
CC2 [DSC-2A]	TBD	DSC-2A (other Discipline)	Core Course-2				6	75
CC3 [DSC-3A]	TBD	DSC-3A (other Discipline)	Core Course-3				6	75
AECC		English	AECC (Elective)	1	1	0	2	50
Semester Total							20	275

L=Lecture, **T**=Tutorial, **P**=Practical, **CC** = Core Course, **TBD** = To be decided, **AECC**= Ability Enhancement Compulsory Course

DSC-1 = Discipline Specific Core of Subject-1, **DSC-2** = Discipline Specific Core of Subject-2,

DSC-3 = Discipline Specific Core of Subject-3.

Semester-I
Core Courses (CC)

National Cadet Corps (NCC)

CC-1: NCC, National Security, Indian Army – History & Organization & National Integration & Awareness **Credits 06**

CIT: NCC, National Security, Indian Army – History & Organization & National Integration & Awareness **Credits 04**

Module I : NCC organization

1. History of NCC, Aims and Objectives of NCC.
2. Organization & Training and NCC Song, Motto of NCC - Motivation of Cadets.
3. System of NCC Trainings. Incentives and benefits.
4. Awards, different types, Rank of officers and cadets.
5. Role of NCC Cadets in National programmes.
6. Opportunities of NCC Cadets in army and other services.
7. Camps, types of camps. Preparation and participation.

Module II : National Integration and Awareness

1. Religions, Culture, Traditions and Customs of India.
2. National Integration: Importance and Necessity. Unity in diversity.
3. Freedom Struggle and Nationalist Movement in India.
4. National Interests, Objectives, Threats and Opportunities.
5. Problems / Challenges of National Integration.
6. National Integration Council.
7. Contribution of Youth in Nation Building.

Module III: National Security Organizations

1. National Defence Policy.
2. Organization and Administration of defence.
3. Role of intelligence.
4. National security system.

Module IV : Indian Army – Functional Organisations

1. Combat Branches-Infantry, Armoured.
2. Supporting Arms – Artillery including Air Defence, Engineers, Signals, Aviation.
3. Logistic Organisations – ASC, AOC, EME, AMC, ENGINEERS.
4. Other – Intelligence, Education, Legal.

Module V : Drill

1. General and words of command.
2. Attention, stand at ease and stand easy, turning and inclining at the halt.
3. Sizing, forming up in three ranks and numbering, open and close order march and dressing.
4. Saluting at the halt, getting on parade, dismissing and falling out.
5. Marching, Length of pace and time of marching in quick time and halt, slow march and halt.
6. Side pace, pace forward and to the rear.
7. Turning on the march and wheeling.
8. Saluting on the march .
9. Marking time, forward March and halt in quick time.
10. Changing step.
11. Formation of squad and squad drill.
12. Guard of Honour and Ceremonial drill.

CIP: Practical

Credits 02

1. Drill :

a) Drill without Arms : i) Savdhan (Attention), ii) Vishram (stand on easy), iii) Aram se (stand easy), iv) Tej Chal (quick march), v) Thum (halt), vi) Dahine Mur (Right turn), vii) Baen Mur (left turn), viii) Piche Mur (About turn), ix) Samne ka Salute, x) Patra ke sath Salute, xi) Line Tour (Falling out), xii) Visarjan (Dismiss).

2. Social Activity – any one

i) Tree plantation, ii) Blood Donation, iii) Participation in Social Awareness Programme, iv) Participation in Environment Awareness Programme, v) Participation in Health and Hygiene Awareness Programme.

3. Field reports: Students will be submitted a Field Reports on any Social Awareness Programme organized by the Institution.

4. Laboratory Note Book and Viva-Voce

Students will be required to maintain records of all works done in connection with the topics taught in this paper.

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Semester-II

Course	Course Code	Name of the Subjects	Course Type/ Nature	Teaching Scheme in hour per week			Credit	Marks
				L	T	P		
DSC-1B		DSC1BT: Personality Development, Human Health, Social & Environmental awareness and Community Development.	Core Course	4	0	0	6	75
		DSC1BP: Practical		0	0	4		
DSC-2B	TBD	DSC-2B (other Discipline)	Core Course				6	75
DSC-3B	TBD	DSC-3B (other Discipline)	Core Course				6	75
AECC		ENVS	AECC (Elective)				4	100
Semester Total							22	325

L=Lecture, **T**=Tutorial, **P**=Practical, **CC** = Core Course, **TBD** = To be decided, **AECC**= Ability Enhancement Compulsory Course

DSC-1 = Discipline Specific Core of Subject-1, **DSC-2** = Discipline Specific Core of Subject-2,

DSC-3 = Discipline Specific Core of Subject-3.

Semester-II
Core Courses (CC)

DSC-1B (CC-2): Personality Development, Human Health, Social & Environmental awareness and Community Development. Credits 06

DSC1BT: Personality Development, Human Health, Social & Environmental awareness and Community Development. Credits 04

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 and Community Development

1. Basics of Social Service, weaker sections of our society and their needs. Social / Rural Development Projects: MNREGA, SGSY, NSAP etc. NGOs: Role & Contribution. Social service – family planning.

2. Drug Abuse & Trafficking. Causes & Prevention of HIV/AIDS; Role of youth
3. Social Evils - Dowry/Female Foeticide /Child abuse & trafficking, etc. Provisions of Protection of Children from Sexual Harassment Act 2012.
4. Traffic Control Organization and Anti-drunken driving. Traffic rule and road signs.
5. Counter Terrorism. Corruption
6. Contribution of youth towards social welfare. Civic Responsibilities.
7. NCC cadets and civil administration.

DSC1BP: Practical

Credits 02

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 time 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 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

4. Field reports

Students will be submitted a Field Reports on any Health & Hygiene, / Environment Awareness Program organized by the Institution.

5. News paper clippings

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

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

7. Laboratory Note Book

Students will be required to maintain records of all works done in connection with the topics taught in this paper.