

LOCF NATIONAL CADET CORPS

Learning Outcomes based Curriculum Framework (LOCF) (NCC-Undergraduate programme)

NEP Scheme

Undergraduate Programme-2022-23

(Revised)



**Prepared by
BoS (UG) National Cadet Corps
Tumkur University, Tumakuru**

[NCC CREDIT COURSE DESIGN DOCUMENT
UNDER NEP-2020 AS OPEN ELECTIVE/SKILL ENHANCEMENT
COURSE

1. **Preamble.** The National Cadet Corps (NCC) is governed by NCC Act 1948 and attendant NCC Rules. It functions under the Ministry of Defence and is headed by DGNCC. It is organised into 17 State Directorates each headed by an Additional/Deputy Director General. The aims of NCC are:-

(a) To develop character, camaraderie, discipline, secular outlook, the spirit of adventure, sportsman spirit and ideals of selfless service amongst cadets by working in teams, honing qualities such as self-discipline, self-confidence, self-reliance and dignity of labour in the cadets.

(b) To create a pool of organized, trained and motivated youth with leadership qualities in all walks of life, who will serve the Nation regard less of which career they choose.

(c) To provide a conducive environment to motivate young Indians to choose the Armed Forces as a career.

2. **Purpose.** Currently NCC training is imparted as extra-curricular activity to volunteer students from recognized schools and colleges who enroll as cadets. NCC as a Credit Course is designed with an intent to transform NCC training into a curricular activity from an extra-curricular thereby providing academic credits to students undergoing NCC training along with other attended advantages to the cadets in the college/ university

3. **Introduction to NCC Credit Course Design.** Institutional Training is the mainstay of NCC training and it is conducted at colleges and universities by Associate NCC Officers and Armed Forces personnel. The application of knowledge gained through institutional training is further honed or developed to a higher degree in NCC Camps. The Institutional Training syllabus comprises Common Subjects and Specialised Subjects (military component). NCC Credit Course is designed to offer Institutional Training of Senior Wing /Division is over four semesters (two years),

Training schedules planned for cadets ensure that the optimum benefits of the NCC organization reach maximum number of cadets. The main emphasis is on practical training which in consonance with theory is made to facilitate active participation of learner, better assimilation of knowledge, and proper development of various skills, strengthening of mind and body which is the bedrock of NCC training.

NCC GENERAL ELECTIVE/SKILL ENHANCEMENT COURSES CREDIT COURSE DESIGN SUMMARY				
Semester	Credits Allocated		Total	Remarks
	Theory	Practical		
Semester - I	02	01	03	Open Elective
Semester - II	02	01	03	Open Elective
Semester-II	01	01	02	Skill Enhancement
Semester – III	02	01	03	Open Elective
Semester – III	01	01	02	Skill Enhancement
Semester – IV	01	01	02	Skill Enhancement
Total	08	04	15	

**SEMESTER WISE DISTRIBUTION OF NCC OPEN
ELECTIVE SYLLABUS FOR THEORY (ARMY CADETS)**

TOPICS	SUBJECT	I	II	III	TOTAL
Topic 1	NCC General	06	-	-	06
Topic 2	National Integration	04	02	-	06
Topic 3	Personality Development	06	06	06	18
Topic 4	Leadership	05	04	03	12
Topic 5	Disaster Management	03	05	05	13
Topic 6	Social Service & Community Development	03	03	02	08
Topic 7	Adventure	-	01		01
Topic 8	Environmental Awareness & Conservation	03	-	-	03
Topic 9	General Awareness	-	02	02	04
Topic 10	Border & Coastal Areas	-	02	02	04
Topic 11	Armed Forces	-	02	03	05
Topic 12	Infantry Weapons	-	-	03	03
Topic 13	Communication	-	03	-	03
Topic 14	Military History	-	-	04	04
TOTAL		30	30	30	90
TOTAL Credit		2	2	2	06

**SEMESTER WISE DISTRIBUTION OF NCC OPEN
ELECTIVE SYLLABUS FOR PRACTICAL (ARMY)**

TOPICS	SUBJECT	I	II	III	TOTAL
Topic 1	Drill	12	08	08	28
Topic 2	Field Craft & Battle Craft	06	06	06	18
Topic 3	Map Reading	06	04	06	16
Topic 4	Weapons Training	06	06	06	18
Topic 5	Communication	-	-	-	-
Topic 6	Infantry Weapons	-	-	04	04
Topic 7	Social Service & Community Development	06	08	06	20
Topic 8	Health & Hygiene	-	04	-	04
Topic 9	Operation Training	-	-	-	-
TOTAL		36	36	36	108
TOTAL Credit		01	01	01	03

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SEMESTER WISE OPEN ELECTIVE THEORY DETAILED SYLLABUS
(ARMY)

<u>SEMESTER I</u>					
UNIT S	Subject	Peri ods	Topic	Lesson	Hours
UNIT 1	NCC General	6	NCC-I	Aims, Objectives and Or of NCC	1
			NCC-II	Incentives	2
			NCC-III	Duties of NCC Cadets	1
			NCC-IV	NCC Camps: types and conduct	2
UNIT 2	National Integration and Awareness	4	NI-I	National Integration: Importance and Necessity	1
			NI-II	Factors Affecting National Integration	2
			NI-III	Unity in Diversity	1
UNIT 3	Personality development	6	PD-I	Factors, Self Awareness, Empathy, Critical and creative Thinking, Decision Making and Problem solving	2
			PD-II	Communication Skills	2
			PD-III	Group Discussion-coping with stress and emotions	2
UNIT 4	Leadership	5	L-I	Leadership capsule Traits Indicators Motivation Moral values Honour codes	3
			L-II	Case Studies Shivaji. Jhansi Ki Rani	2
UNIT 5	Disaster Management	3	DM-I	Disaster Management Capsule Organization Types of Disaster Essential Services Assistance Civil Defense Organization	3
UNIT 6	Social Service and Community Development	3	SSCD-I SSCD-II	Basics of Social Service, Rural development Programmes.	3
UNIT 7	Environmental Awareness	3	EA-I	Environmental Awareness and Conservation	3
Total hours					30
Total credits					2

SEMESTER II

UNITS	SUBJECT	PERIODS	TOPICS	LESSON	HOURS
UNIT 1	National Integration and Awareness	2	NI-IV	Role of NCC in Nation Building, Threats to National Security	2
UNIT 2	Personality development	6	PD-IV	Group Discussions-Change your Mindset	4
			PD-V	Public Speaking	2
UNIT 3	Leadership	4	L-II	Case Studies-APJ Abdul Kalam, Deepa Malik, Maharana Pratap, N Narayana Murhy	4
UNIT 4	Disaster Management	5	DM-II	Initiative Trg, Organizing Skills, Dos and Don'ts	5
UNIT 5	Social Service and Community Development	3	SSCD-III	NGOs, Contribution of youth.	1
			SSCD-IV	Protection of children and women safety,	1
			SSCD-V	Road/Rail travel safety	1
UNIT 6	Adventure	1	AD-I	Introduction, Aims and Objectives	1
UNIT 7	General Awareness	2	GA-I	General Awareness	2
UNIT 8	Border & Coastal Areas	2	BCA-I	History, Geography and Topography of Border/Coastal Areas	2
UNIT 9	Armed Forces	2	AF-1	Army	2
UNIT 10	Communication	3	C-1	Introduction to Communication and latest trends	3
Total hours					30
Total Credits					2

SEMESTER III

UNITS	SUBJECT	PERIODS	TOPICS	LESSON	HOURS
UNIT 1	Personality development	6	PD-VI	Group Discussions, Time Management	6
UNIT 2	Leadership Disaster Management	3 5	L-II DM-II	Case Studies-Ratan Tata, Rabindra Nath Tagore. Natural Disasters Man Made Disasters, Fire Services and Fire Fighting	3
UNIT 3	Disaster Management	5	DM-II	Natural Disasters Man Made Disasters, Fire Services and Fire Fighting	5
UNIT 4	Social Service & Community Development	2	SSCD-VI	New Initiatives , Cyber Security Awareness	2
UNIT 5	General Awareness	2	GA-II	General Awareness	2
UNIT 6	Border and Coastal Areas	2	BCA-II	Security Setup and Border/Coastal management in the area	2
UNIT 7	Armed Forces	3	AF-II	Navy, Air-force and Central Armed Police forces	3
UNIT 8	Infantry Weapons	3	INF-1	Organization of Infantry Battalion and its Weapons.	3
UNIT 9	Military History	4	MH-1	Study of Battles of Indo-Pak Wars 1965 & 1971, War Heroes: Param Veer Chakra Awardees.	2 2
Total hours					30
Total Credits					2

**DISTRIBUTION OF NCC SYLLABUS SKILL ENHANCEMENT COURSES (SEC)
FOR II SEMESTER
ACTIVITY BASED COURSE (2 CREDITS)**

<u>SEMESTER II</u>			
UNITS	SUBJECT	PERIODS	HOURS
UNIT 1	Drill	8	8
UNIT 2	Field Craft & Battle Craft	6	6
UNIT 3	Map Reading	4	4
UNIT 4	Weapons Training	4	4
UNIT 5	Social Service & Community Development	4	4
UNIT 6	Health & Hygiene	4	4
Total Hours			30
Total Credits			2

<u>SEMESTER III</u>					
UNITS	SUBJECT	PERIODS	TOPICS	LESSON	HOURS
UNIT 1	National Integration and Awareness	2	NI-IV	Role of NCC in Nation Building, Threats to National Security	2
UNIT 2	Personality development	6	PD-IV	Group Discussions-Change your Mindset	4
			PD-V	Public Speaking	2
UNIT 3	Leadership	4	L-II	Case Studies-APJ Abdul Kalam, Deepa Malik, Maharana Pratap, N Narayana Murhy	4
UNIT 4	Disaster Management	4	DM-II	Initiative Trg, Organizing Skills, Dos and Don'ts	4
Total Hours		16		Total Hours	16
				Total Credits	01

SEMESTER IV

UNITS	SUBJECT	PERIODS	TOPICS	LESSON	HOURS
UNIT 1	Personality development	7	PD-VII	Social Skills, Career Counselling, SSB Procedure and Interview Skills	7
UNIT 2	Leadership	4	L-III	Role of NCC Cadets in 1965 War	4
UNIT 3	Social Service & Community Development	2	SSCD-VI	Mobile Security Awareness	2
UNIT 4	Adventure	3	AD-II	Adventure Activities conducted by NCC	3
Total hours					16
Total Credits					01

NCC COURSE SYLLABUS

Training Objectives: Institutional Training

Institutional training includes basic military training of the cadets as part of the curriculum with its long-standing effort to mould young volunteers into disciplined and responsible citizens of India. NCC course is aimed to achieve following learning objectives:-

- (a) Develop character, camaraderie, discipline, secular outlook, the spirit of adventure, sportsman spirit and ideals of selfless service amongst cadets by working in teams, honing qualities such as self-discipline, self-confidence, self-reliance and dignity of labour in the cadets.
- (b) To create interest in cadets by including and laying emphasis on those aspects of Institutional Training which attract young cadets into the NCC and provides them an element of thrill and excitement.
- (c) To inculcate defense Services work ethos that is characterized by hard work, sincerity of purpose, honesty, ideal of selfless service, dignity of labor, secular outlook, comradeship, spirit of adventure and sportsmanship.
- (d) To create a pool of organized, trained and motivated youth with leadership qualities in all walks of life, who will serve the Nation regardless of which career they choose.
- (e) To provide conducive environment to motivate young Indians to choose the Armed Forces as a career.

SEMESTER I COURSE MODULE : NATIONAL CADET CORPS I

National Cadet Corps : Course Details			
Course Title: National Cadet Corps I			
Course Code	BNCC01GE03	Credits	2(Thr) + 1(Pr) = 03
L /T + P	30+36	Course Duration	1 Semester
Semester	I (Odd)	Contact Hours	30(Thr)+36(Pr)=66Hours
Methods of Content Interaction	Lecture, Tutorials, Group discussion, Collaborative work, self-study, Seminar presentations by students, individual and group drills, group and individual field-based assignments, Educational Excursion		
Assessment and Evaluation	As per the University norms i.e, 30% internal assessment and 70% end of term exams etc.		

Course Content Part (I) Theory

Course Objectives: Cadets will be able to: -

- (a) Know about the history of NCC, its organization, and incentives of NCC for their career prospects.
- (b) Acquire knowledge of duties and conduct of ncc cadets.
- (c) Understand about different NCC camps and their conducts.
- (d) Understand the concept of national integration and its importance.
- (e) Understand the concept of self-awareness and emotional intelligence.
- (f) Understand the concept of critical & creative thinking.
- (g) Understand the process of decision making & problem solving.
- (h) Understand the concept of team and its functioning.
- (i) Understand the concept and importance of Social service

Expected Learning Outcomes. After completing this course, the cadets will be able to: -

- (a) Imbibe the conduct of NCC cadets.
- (b) Respect the diversity of different Indian culture.

- (c) Practice togetherness and empathy in all walks of their life.
- (d) Do their own self analysis and will workout to overcome their weakness for better performance in all aspects of life.
- (e) Understand creative thinking & its components.
- (f) Think divergently and will try to break functional fixedness.
- (g) Make a team and will work together for achieving the common goals.
- (h) Do the social services on different occasions.

Course Content Part (I) Theory

- (a) **Unit 1- NCC General (N) (Contact Hrs. 06).** Introduction of NCC, History, Aims, Objective of NCC & NCC as Organization, Incentives of NCC, Duties of NCC Cadet. NCC Camps: Types & Conduct.
- (b) **Unit 2- National Integration & Awareness (NI) (Contact Hrs. 04)** National Integration: Importance & Necessity, Factors Affecting National Integration, Unity in Diversity.
- (c) **Unit 3- Personality Development (Contact Hrs. 6).** Intra & Interpersonal skills - Self-Awareness- & Analysis, Empathy, Critical & creative thinking, Decision making and problem solving. Communication Skills. Coping with stress and emotions,
- (d) **Unit 4. Leadership Development (Contact Hrs.5)**
 - i. Leadership capsule.
 - ii. Important Leadership traits, Indicators of leadership and evaluation.
 - iii. Motivation- Meaning & concept, Types of motivation. Factors affecting motivation.
 - iv. Ethics and Honor codes.
 - v. Case Studies-Shivaji. Jhansi Ki Rani
- (e) **Unit 5. Disaster management (Contact Hrs. 3)**
 - i. Disaster Management Capsule.
 - ii. Organization.
 - iii. Types of Disasters.
 - iv. Essential Services.
 - v. Assistance
 - vi. Civil Defense Organization

(f) **Unit 6- Social Service and Community Development (Contact Hrs. 03).** Basics of social service and its need, Types of social service activities, Objectives of rural development programs and its importance.

(g) **Environmental Awareness (Contact Hrs. 3).** Environmental Awareness and Conservation

Course Content Part (II) Practical

Course Objectives: Cadets will be able to: -

- (a) Understand that drill as the foundation for discipline and to command a group for common goal.
- (b) Appreciate grace and dignity in the performance of foot drill.
- (c) Understand the importance of a weapon its detailed safety precautions necessary for prevention of accidents.
- (d) Develop awareness about different types of terrain and how it is used in battle craft.
- (e) Develop the concept of various markings on the map and how they are co-related to the ground features.
- (f) Understand the various social issues and their impact on social life.
- (g) Develop the sense of self-less social service for better social & community life.

Expected Learning Outcomes: After completing this course, the cadets will be able to: -

- (a) Perform foot drill and follow the different word of command.
- (b) Fire a weapon effectively with fair degree of marksmanship.
- (c) Undertake point to point navigation and take part in route marches by day and night.
- (d) Perform the social services on various occasions for better community & social life.

Course Content Part (II) Practical

- (a) **Unit 1. Drill (Contact Hrs. 12).** Foot Drill- Drill ki Aam Hidayaten, Word ki Command, Savdhan, Vishram, Aram Se, Murdna, Kadvar Sizing, Teen Line Banana, Khuli Line, Nikat Line, Khade Khade Salute Karna Parade Par, Visarjan, Line Tod, Tej Chal, Tham aur Dhire Chal, Tham.
- (b) **Unit 2. Weapon Training (WT) (Contact Hrs. 06).** Introduction & Characteristics of .22 rifle, Handling of .22 rifle.
- (c) **Unit 3. Map Reading (MR) (Contact Hrs. 06).** Definition of Map, Conventional signs, Scale and Grid System, Topographical forms and technical terms, Relief, Contours and gradients, Cardinal points and types of North, Magnetic Variation and Grid Convergence.

- (d) **Unit 4. Field Craft & Battle Craft (FC & BC) (Contact Hrs. 06).** Introduction of Field Craft & Battle craft, Judging Distance, Method of Judging Distance.
- (e) **Unit 5. Social Service & Community Development (SSCD)(Contact Hrs.06).** Cadets will participate in various activities throughout the semester e.g., Blood donation Camp, Swachhata Abhiyan, Constitution Day, Jan Jeevan Hariyali Abhiyan, Beti Bachao Beti Padhao etc.

SEMESTER II COURSE MODULE : NATIONAL CADET CORPS II

<u>Course Title: National Cadet Corps II</u>			
Course Code	BNCC02GE03	Credits	2(Thr)+ 1(Pr)=03
L /T + P	30+36	Course Duration	1 Semester
Semester	II (Even)	Contact Hours	30(Thr)+36(Pr)=66Hours
Methods of Content Interaction	Lecture, Tutorials, Group discussion, Collaborative work, self-study, Seminar presentations by students, individual and group drills, group and individual field-based assignments, Educational Excursion		
Assessment and Evaluation	As per the University norms i.e. 25% internal assessment and 75% End of term exams , or 30% internal assessment and 70% end of term exams etc.		

Course Content Part (I) Theory

Course Objectives: Cadets will be able to: -

- (a) Understand the thinking & reasoning process.
- (b) Understand the process to cope with Stress & emotions.
- (c) Understand the importance of improving communication skills.
- (d) Identify the leadership traits.
- (e) Admire the qualities of great leaders.
- (f) Know about different legal provisions for children & women safety and protection.
- (g) Understand the various rules & measures to be taken to ensure Road/Railsafety.
- (h) Understand & spread awareness about latest Government initiatives for welfare of citizens and contribute towards Nation building.
- (i) Understand concepts of cyber and mobile security.

Expected Learning Outcomes: After completing this course, the cadets will be able to:

- (a) Define thinking, reasoning, critical thinking and creative thinking.
- (b) To think critically about different life related issues.

- (c) Think divergently and will try to break functional fixedness.
- (d) Creatively in their real-life problems.
- (e) Understand the organizations related to disaster management and their functioning.
- (f) Appreciate the role of NCC cadets in disaster management.

Course Content Part (I) Theory

- (a) **Unit 1- National Integration & Awareness (NI) (Contact Hrs. 02)** .Role of NCC in Nation Building, Threats to National Security.
- (b) **Unit 2. Personality Development (Contact Hrs.6)**
 - i. Group Discussions - Change your Mindset, Public Speaking.
- (c) **Unit 3. Leadership Development (Contact Hrs.4)** Case Studies-APJ Abdul Kalam, Deepa Malik, Maharana Pratap, N Narayan Murthy.
- (d) **Unit 4. Disaster management (Contact Hrs. 5)**
 - i. Initiative Trg, Organising Skills.
 - ii. Dos and Don'ts.
- (e) **Unit 5- Social Service and Community Development (Contact Hrs. 03)**. NGO's and their contribution in social welfare, contribution of youth and NCC in Social welfare. Protection of children and women safety, Road/Rail travel safety
- (f) **Unit 6: Adventure (Contact Hrs. 1)**. Introduction, Aims and Objectives
- (g) **Unit 7: - General Awareness (Contact Hrs. 2)**. General Awareness.
- (h) **Unit 8: Border & Coastal Areas(Contact Hrs. 2)**. History, Geography & Topography of Border/ Coastal Areas.
- (i) **Unit 9 : Armed Forces(Contact Hrs. 2)**. Modes of Entry into Army,
- (j) **Unit 10: Communication (Contact Hrs. 3)**.Introduction to Communication & Latest Trends.

Course Content Part (II) Practical

Course Objectives.

Cadets will be able to: -

- (a) Understand that drill as the foundation for discipline and to command a group for common goal.
- (b) Appreciate grace and dignity in the performance of foot drill.
- (c) Understand the importance of a weapon its detailed safety precautions necessary for prevention of accidents.
- (d) Use terrain effectively for concealment, camouflage, indicate landmarks and give field signals.

Expected Learning Outcomes. After completing this course, the cadets will be able to: -

- (a) Perform foot drill gracefully.
- (b) Give and follow the different word of command.
- (c) Fire a weapon effectively with fair degree of marksmanship.
- (d) Use of bearing and service protractor and locate the places and objects on the ground.
- (e) Do the social service and feel connected with social problems.

Course Content Part (II) Practical

(a) Unit 1. Drill (Contact Hrs. 08)

- i. Foot Drill Dahine, Baen, Aageaur Piche Kadam Lena.
- ii. Tej Chal se Murdna, Tej Chal se Salute Karna, Tej Kadam Taal aur Tham, Tej Kadam Taal se Kadam Badalna.
- iii. Teeno Teen se Ek File aur ek file se Teeno Teen Banana

(b) Unit 2. Weapon Training (Contact Hrs. 06)

- i. Range procedure & Theory of group.
- ii. Short Range firing.

(c) Unit 3. Map Reading (Contact Hrs. 04)

- i. Protractor Bearing and its conversion methods.
- ii. Service protractor and its uses.
- iii. Prismatic compass and its uses and GPS.
- iv. Navigation by compass and GPS.

(d) Unit 4. Field Craft & Battle Craft (Contact Hrs. 06)

- i. Indications of landmarks and Targets.
- ii. Intro, Definitions, Types of Ground, Indication of Landmarks, Methods of identification of targets, difficult targets.

(e) Unit 5. Social Service and Community Development (Contact Hrs. 08) Cadets will participate in various activities throughout the semester e.g., Blood donation Camp, Swachhata Abhiyan, Constitution Day, Jan Jeevan Hariyali Abhiyan, Beti Bachao Beti Padhao etc. as per the requirement and similar announced days- National and state level.

(f) Unit 6. Health & Hygiene (Contact Hrs. 04)

- i. Hygiene & Sanitation (Hygiene- Personal & Camp Hygiene).
- ii. First Aid in common medical emergencies.
- iii. Treatment & Care of Wounds.

SEMESTER III COURSE MODULE : NATIONAL CADET CORPS III

<u>COURSE TITLE: NATIONAL CADET CORPS III</u>			
CourseCode	BNCC03GE02	Credits	2(Thr)+ 1(Pr)=03
L /T + P	30+36	Course Duration	1 Semester
Semester	III (Odd)	Contact Hours	30(Thr)+3(P6r)=46Hours
Methods of Content Interaction	ecture, Tutorials, Group discussion, Collaborative work, self-study, Seminar presentations by students, individual and group drills, groupand individual field-based assignments, Educational Excursion		
Assessmentand Evaluation	per the University norms i.e. 25% internal assessment and 75%End of term exams , or 30% internal assessment and 70% end of term exams etc.		

Course Content Part (I) Theory

Course Objectives. Cadets will be able to: -

- (a) Understand the life history and leadership qualities of great leaders, sportspersons& entrepreneurs.
- (b) Understand the various aspects of types of mindset.
- (c) Understand public speaking methods & qualities.
- (d) Understand the organizations related to disaster management and theirfunctioning.
- (e) Understand the role of NCC cadets in disaster management.
- (f) Understand the various types of adventure activities.
- (g) Understand the History, Geography & Topography of Border/ Coastal Areas.

Expected Learning Outcomes. After completing this course, the cadets will beable to: -

- (a) Admire and get inspired from the accomplishments of leaders from various walks oflife.
- (b) Develop public speaking skills.
- (c) Understand the importance of positive mindset and optimistic attitude in life.
- (d) Appreciate the need & requirement for disaster management and his role in disastermanagement activities.
- (e) Know the history & geographical peculiarity of our borders & coastal regions.

Course Content Part (I) Theory

- (a) **Unit 1. Personality Development (Contact Hrs.6)**
- i. Group Discussions ii. Time Management.
- (b) **Unit 2. Leadership Development (Contact Hrs.3).** Case Studies– Ratan Tata, Rabindra Nath Tagore,
- (c) **Unit 3. Disaster management (Contact Hrs.5)**
- i. Natural Disasters.
- ii. Man Made Disasters.
- iii. Fire Services and Fire Fighting.
- (d) **Unit 4. Social Service and Community Development (Contact Hrs.2)**
- i. New Government Initiatives.
- ii. Cyber and mobile Security Awareness.
- (e) **General Awareness (Contact Hrs.2).** General Awareness
- (f) **Armed Border & Coastal Areas (Contact Hrs.2).** Security Setup and Border/Coastal management in the area.
- (g) **Forces (Contact Hrs. 3).** Entry into Navy, Air Force and Central Armed Police Forces.
- (h) **Introduction to Infantry Battalion and its Equipment (Contact Hrs.3).** Organisation of Infantry Battalion & its weapons.
- (i) **Military History (Contact Hrs. 4).** Study of Battles of Indo-Pak Wars 1965 & 1971. War heroes: Paravm veera Chakra Awardees.

Course Content Part (II) Practical

Course Objectives. Cadets will be able to :-

- (a) Understand that drill as the foundation for discipline and to command a group for common goal
- (b) Appreciate grace and dignity in the performance of arm drill
- (c) Understand the concept and importance of social service.
- (d) Understand the importance of a weapon its detailed safety precautions necessary for prevention of accidents.
- (e) Actively participate in social service and community development activities.

Expected Learning Outcomes. After completing this course, the cadets will be able to :-

- (a) Perform arm drill gracefully.

- (b) Give and follow the different word of command.
- (c) Fire a weapon effectively with fair degree of marksmanship.
- (d) Different positioning for fire and aiming.
- (e) Use terrain effectively for concealment, camouflage, indicate landmarks and give field signals.
- (f) Observe surroundings in better way.
- (g) Develop the qualities of patience and confidence and become better individuals.
- (h) Will develop physical as well as mental fitness.

Course Content Part (II) Practical

(a) Unit 1. Drill (Contact Hrs. 08)

- i. Arm Drill.
- ii. Rifle ke saath Savdhan, Vishram aur Aram se.
- iii. Rifle ke saath Parade Par aur Saj, Rifle ke saath Visarjan, Line Tod.
- iv. Bhumi Shastra aur Uthao Shastra, Bagal Shastra aur Baju Shastra.

(b) Unit 2. Weapon Training (Contact Hrs. 06). Short Range firing.

(c) Unit 3. Map Reading (Contact Hrs. 06).

- i. Setting of Map.
- ii. Findings North and Own Position.

(d) Unit 6 Introduction of Infantry Weapons & Equipment (INF) (Contact Hrs. 04). Characteristics of 5.56MM INSAS Rifle, Ammunition, Fire Power, Stripping, Assembling & Cleaning Practice.

(e) Unit 4. Field Craft & Battle Craft (Contact Hrs. 06)

- i. Observation.
- ii. Camouflage.
- iii. Concealment.

(f) Unit 5. Social Service and Community Development (Contact Hrs. 06). Cadets will participate in various activities throughout the semester e.g., Blood donation Camp, Swachhata Abhiyan, Constitution Day, Jan Jeevan Hariyali Abhiyan, Beti Bachao Beti Padhao etc as per the requirement and similar announced days- National and State level.

COURSE MODULE FOR SKILL ENHANCEMENT COURSE (SEC) FOR II SEMESTER ACTIVITY BASED COURSE (2 CREDITS)

Course Content

Course Objectives:

Cadets will be able to: -

- (a) Understand that drill as the foundation for discipline and to command a group for common goal.
- (b) Appreciate grace and dignity in the performance of foot drill.
- (c) Understand the importance of a weapon its detailed safety precautions necessary for prevention of accidents.
- (d) Develop awareness about different types of terrain and how it is used in battle craft.
- (e) Develop the concept of various markings on the map and how they are co-related to the ground features.
- (f) Understand the various social issues and their impact on social life.
- (g) Develop the sense of self-less social service for better social & community life.

Expected Learning Outcomes: After completing this course, the cadets will be able to: -

- (a) Perform foot drill and follow the different word of command.
- (b) Fire a weapon effectively with fair degree of marksmanship.
- (c) Undertake point to point navigation and take part in route marches by day and night.
- (d) Perform the social services on various occasions for better community & social life.

Course Content

- (a) **Unit 1. Drill (Contact Hrs. 08).** Foot Drill- Drill ki Aam Hidayaten, Word ki Command, Savdhan, Vishram, Aram Se, Murdna, Kadvar Sizing, Teen Line Banana, Khuli Line, Nikat Line, Khade Khade Salute Karna Parade Par, Visarjan, Line Tod, Tej Chal, Tham aur Dhire Chal, Tham.
- (b) **Unit 2. Weapon Training (WT) (Contact Hrs. 04).** Introduction & Characteristics of .22 rifle, Handling of .22 rifle.
- (c) **Unit 3. Map Reading (MR) (Contact Hrs. 04).** Definition of Map, Conventional signs, Scale and Grid System, Topographical forms and technical terms, Relief, Contours and gradients, Cardinal points and types of North, Magnetic Variation and Grid Convergence.

- (d) Unit 4. Field Craft & Battle Craft (FC & BC) (Contact Hrs. 06).** Introduction of Field Craft & Battle craft, Judging Distance, Method of Judging Distance.
- (e) Unit 5. Social Service and Community Development (SSCD) (Contact Hrs.04).** Cadets will participate in various activities throughout the semester e.g., Blood donation Camp, Swachhata Abhiyan, Constitution Day, Jan Jeevan Hariyali Abhiyan, Beti Bachao Beti Padhao etc.
- (f) Unit 6. Health & Hygiene (Contact Hrs. 04)**
- i. Hygiene & Sanitation (Hygiene- Personal & Camp Hygiene).
 - ii. First Aid in common medical emergencies.
 - iii. Treatment & Care of Wounds.

**COURSE MODULE FOR SKILL ENHANCEMENT COURSE (SEC) FOR
III SEMESTER (2 CREDITS)**

Course Content Part (I) Theory

Course Objectives: Cadets will be able to: -

- (a) Understand the thinking & reasoning process.
- (b) Understand the process to cope with Stress & emotions.
- (c) Understand the importance of improving communication skills.
- (d) Identify the leadership traits.
- (e) Admire the qualities of great leaders.
- (f) Know about different legal provisions for children & women safety and protection.
- (g) Understand the various rules & measures to be taken to ensure Road/Railsafety.
- (h) Understand & spread awareness about latest Government initiatives for welfare of citizens and contribute towards Nation building.
- (i) Understand concepts of cyber and mobile security.

Expected Learning Outcomes. After completing this course, the cadets will be able to:

- (a) Define thinking, reasoning, critical thinking and creative thinking.
- (b) To think critically about different life related issues.
- (c) Think divergently and will try to break functional fixedness.
- (d) Creatively in their real-life problems.
- (e) Understand the organizations related to disaster management and their functioning.
- (f) Appreciate the role of NCC cadets in disaster management.

Course Content Part (I) Theory (16hrs:1-Credit)

- (a) **Unit 1- National Integration & Awareness (NI) (Contact Hrs. 02)** .Role of NCC in Nation Building, Threats to National Security.
- (b) **Unit 2. Personality Development (Contact Hrs.6)**
 - i. Group Discussions - Change your Mindset, Public Speaking.
- (c) **Unit 3. Leadership Development (Contact Hrs.4)** Case Studies-APJ Abdul Kalam, Deepa Malik, Maharana Pratap, N Narayan Murthy.
- (d) **Unit 4. Disaster management (Contact Hrs. 4)**
 - i. Initiative Trg, Organising Skills.

- ii. Dos and Don'ts.

Course Content Part (II) Practical (36Hrs-1Credit)

Course Objectives. Cadets will be able to: -

- (a) Understand that drill as the foundation for discipline and to command a group for common goal.
- (b) Appreciate grace and dignity in the performance of foot drill.
- (c) Understand the importance of a weapon its detailed safety precautions necessary for prevention of accidents.
- (d) Use terrain effectively for concealment, camouflage, indicate landmarks and give field signals.

Expected Learning Outcomes. After completing this course, the cadets will be able to: -

- (a) Perform foot drill gracefully.
- (b) Give and follow the different word of command.
- (c) Fire a weapon effectively with fair degree of marksmanship.
- (d) Use of bearing and service protractor and locate the places and objects on the ground.
- (e) Do the social service and feel connected with social problems.

Course Content Part (II) Practical

Unit 1. Drill (Contact Hrs. 08)

- i. Foot Drill Dahine, Baen, Aageaur Piche Kadam Lena.
- ii. Tej Chal se Murdna, Tej Chal se Salute Karna, Tej Kadam Taal aur Tham, Tej Kadam Taal se Kadam Badalna.
- iii. Teeno Teen se Ek File aur ek file se Teeno Teen Banana

Unit 2. Weapon Training (Contact Hrs. 06)

- i. Range procedure & Theory of group.
- ii. Short Range firing.

Unit 3. Map Reading (Contact Hrs. 04)

- i. Protractor Bearing and its conversion methods.
- ii. Service protractor and its uses.
- iii. Prismatic compass and its uses and GPS.
- iv. Navigation by compass and GPS.

Unit 4. Field Craft & Battle Craft (Contact Hrs. 06)

- i. Indications of landmarks and Targets.

- ii.Intro, Definitions, Types of Ground, Indication of Landmarks, Methods of identification of targets, difficult targets.

Unit 5. Social Service and Community Development(Contact Hrs. 08) Cadets will participate in various activities throughout the semester e.g., Blood donation Camp, Swachhata Abhiyan, Constitution Day, Jan Jeevan Hariyali Abhiyan, Beti Bachao Beti Padhao etc. as per the requirement and similar announced days- National and state level.

Unit 6. Health & Hygiene (Contact Hrs. 04)

- i.Hygiene & Sanitation (Hygiene- Personal & Camp Hygiene).
- ii.First Aid in common medical emergencies.
- iii.Treatment & Care of Wounds.

**COURSE MODULE FOR SKILL ENHANCEMENT COURSE (SEC) FOR
IV SEMESTER (2 CREDITS)**

Course Content Part (I) Theory (16Hrs-1Credit)

Course Content Part (I) Theory

Course Objectives. Cadets will be able to: -

- (a) Develop a sense of time management and social skills.
- (b) Understand the life history & leadership qualities of personalities who have contributed in Nation Building and Literature.
- (c) Understand the role of NCC cadets as 2nd line Defence in 1965 War.
- (d) Develop awareness about various types of Natural and manmade disasters.
- (e) Know about life saving tips during disasters.
- (f) acquainted about Fire Services.
- (g) Understand importance of Environmental Awareness & conservation.
- (g) Understand importance of General Awareness.
- (h) Know about Armed Forces.

Expected Learning Outcomes. After completing this course, the cadets will be able to: -

- (i) Effectively Manage time.
- (ii) Develop the qualities of social skills.
- (iii) Imbibe leadership qualities.
- (iv) Do group discussions effectively.
- (v) Be motivated to serve the nation by joining Armed forces.
- (vi) Contribute in environmental awareness and conservation activities.
- (vii) Keep abreast of current affairs & general awareness.
- (viii) Effectively contribute in managing disaster relief tasks.

Course Content Part (I) Theory

- i. **Unit 1. Personality Development (Contact Hrs.7).**
- (i) Social skills
 - (ii) Career Counselling.
 - (iii) SSB Procedure.
 - (iv) Interview Skills.
- (b) Unit 2. Leadership Development (Contact Hrs.4).**
Role of NCC cadets in 1965 war.
- (c) Unit 3. Social Service and Community Development (Contact Hrs. 2)**
Mobile Security Awareness.
- (d) Unit 4 Adventure (Contact Hrs. 3).** Adventure activities conducted by NCC

Course Content Part (II) Practical (36-Hrs-1-Credit)

Course Objectives. Cadets will be able to: -

- (a) Understand that drill as the foundation for discipline and to command a group for common goal.
- (b) Understand various signals to convey messages in the army.
- (c) Get acquainted various section formations.
- (d) Understand the basics of personal and public hygiene.
- (e) Get acquainted with the procedure to treat the wounds and fractures during emergencies.

Expected Learning Outcomes. After completing this course, the cadets will be able to:

- (a) Perform weapon drill gracefully.
- (b) Give and follow the different word of command.
- (c) Appreciate grace and dignity in the performance of foot drill.
- (d) Apply signals in there day to day functioning.
- (e) Provide first aid during the emergencies.
- (f) Navigate to the given location on ground using compass and GPS.
- (g) Practice healthy practices for the personal sanitation and hygiene.

Course Content Part (II) Practical (36-hrs-1Credit)

(h) Unit 1. Drill (Contact Hrs. 08)

- i. Arm Drill.
- ii. Salami Shastra.
- iii. Squad Drill with Arms.

(i) Unit 2. Weapon Training (Contact Hrs. 04). Short Range firing

(j) Unit 3. Map Reading(Contact Hrs. 06)

- i. Map to Ground.
- ii. Ground to Map.

(k) Unit 4. Field Craft & Battle Craft (Contact Hrs. 04)

- i. Fire and Move Capsule.
- ii. Field signal- with hand, with Weapons, Signal with Whistle.
- iii. Field signals as means of giving orders.
- iv. Field signals by day, Field signals by night.
- v. Section Formation.

(l) Unit 5. Communication (COM) (Contact Hrs. 04).

- i. Basic Radio Telephony (RT) Procedure.
- ii. Introduction, Advantages, Disadvantages, Need for standard procedures.
- iii. Types of Radio telephony communication.
- iv. Radio telephony procedure, Documentation.

(m) Unit 6. Social Service and Community Development(Contact Hrs. 06) Cadets will participate in various activities throughout the semester e.g., Blood donation Camp, Swachhata Abhiyan, Constitution Day, Jan Jeevan Hariyali Abhiyan, Beti Bachao Beti Padhao etc as per the requirement and similar announced days- National and State level.

(n) Unit 7. Health & Hygiene(Contact Hrs. 04)

- i. Yoga- Introduction, Definition, Purpose, Benefits.
- ii. Asanas-Padamsana, Siddhasana, Gyan Mudra, Surya Namaskar, Shavasana, Vajrasana, Dhanurasana, Chakrasana, Sarvaangasana, Halasanaetc.

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