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SECTION-I: NCC CREDIT COURSE DESIGN DOCUMENT UNDER CHOICE BASED CREDIT SYSTEM AS OPEN ELECTIVE

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 CREDIT COURSE DESIGN SUMMARY				
Semester	Credits Allocated		Total	Remarks
	Theory	Practical		
Semester - I	02	01	03	
Semester - II	02	01	03	
Semester-II	02	-	02	Skill Enhancement Courses (SEC- Activity based)
Semester - III	02	01	03	
Semester - IV	02	01	03	
Total	08	04	14	

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

TOPICS	SUBJECT	I	II	III	IV	TOTAL
Topic 1	NCC General	06	-	-	-	06
Topic 2	National Integration	04	02	-	-	06
Topic 3	Personality Development	06	06	06	07	25
Topic 4	Leadership	05	04	03	04	16
Topic 5	Disaster Management	03	05	05	-	13
Topic 6	Social Service & Community Development	03	03	02	02	10
Topic 7	Adventure	-	01		03	04
Topic 8	Environmental Awareness & Conservation	03	-	-		03
Topic 9	General Awareness	-	02	02	-	04
Topic 10	Border & Coastal Areas	-	02	02	02	06
Topic 11	Armed Forces	-	02	03	04	09
Topic 12	Infantry Weapons	-	-	03	-	03
Topic 13	Communication	-	03	-	-	03
Topic 14	Military History	-	-	04	08	12
TOTAL		30	30	30	30	120
TOTAL Credit		2	2	2	2	08

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

TOPICS	SUBJECT	I	II	III	IV	TOTAL
Topic 1	Drill	12	08	08	08	36
Topic 2	Field Craft & Battle Craft	06	06	06	04	22
Topic 3	Map Reading	06	04	06	06	22
Topic 4	Weapons Training	06	06	06	04	22
Topic 5	Communication	-	-	-	04	04
Topic 6	Infantry Weapons	-	-	04	-	04
Topic 7	Social Service & Community Development	06	08	06	06	26
Topic 8	Health & Hygiene	-	04	-	04	08
Topic 9	Operation Training	-	-	-	-	-
TOTAL		36	36	36	36	144
TOTAL Credit		01	01	01	01	04

SEMESTER WISE OPEN ELECTIVE THEORY DETAILED SYLLABUS (ARMY)

SEMESTER I					
UNITS	Subject	Periods	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

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
UNIT 5	Border & Coastal Areas	2	BCA-III	Security Challenges and Role of Cadets in Border management	2
UNIT 6	Armed Forces	4	AF-III	Modes of Entry into Army, Police and CAPF	4
UNIT 7	Military History	8	MH-II MH-III MH-IV	Biographies of Renowned Generals, Study of Battles of Kargil, War Movies	8
Total hours					30
Total Credits					2

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

SEMESTER II			
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

FOUR SEMESTER 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: NCCOEC01			
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

Course Title: National Cadet Corps II Course Code: NCCOEC02			
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

COURSE TITLE: NATIONAL CADET CORPS III Course Code: NCCOEC03			
CourseCode	BNCC03GE02	Credits	2(Thr)+ 1(Pr)=03
L /T + P	15 +30	Course Duration	1 Semester
Semester	III (Odd)	Contact Hours	30(Thr)+3(P6r)=46Hours
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 life history and leadership qualities of great leaders, sportspersons & entrepreneurs.
- (b) Understand the various aspects of types of mindsets.
- (c) Understand public speaking methods & qualities.
- (d) Understand the organizations related to disaster management and their functioning.

- (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 be able to: -

- (a) Admire and get inspired from the accomplishments of leaders from various walks of life.
- (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 disaster management 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.

SEMESTER IV : COURSE MODULE : NATIONAL CADET CORPS IV

Course Title: National Cadet Corps IV, Course Code: NCCOECO4			
Course Code	BNCCo4GE03	Credits	2(Thr)+ 1(Pr)=03
L /T + P	30+36	Course Duration	1 Semester
Semester	IV (Even)	ContactHours	30(Thr)+36(Pr)=60Hours
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)** 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

(e) Unit 5 Border & Coastal Areas(Contact Hrs.2). Security Challenges & Role of cadets in Border management.

(f) Unit 6 Armed Forces(Contact Hrs. 4). Modes of Entry into Army, Police and CAPF.

(g) Unit 7 Military History(Contact Hrs. 8).

i. Biographies of Renowned Generals.

ii. Study of Battles of Kargil.

iii. War Movies.

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) 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 their 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

(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.

SEMESTER II COURSE MODULE FOR SKILL ENHANCEMENT COURSE (SEC) FOR
II SEMESTER ACTIVITY BASED COURSE (2 CREDITS)
COURSE CODE: NCCSECo1

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.

SECTION II: RULES AND REGULATIONS GOVERNING NCC CREDIT COURSE AS OPEN ELECTIVE

RULE 1: Definitions of Key Terms

General Definitions:

CHOICE BASED CREDIT SYSTEM' (CBCS): The CBCS provides choice for the student to select courses from the prescribed courses (Elective or Soft-Skill courses). It provides a 'Cafeteria' approach in which the students can take courses of their choice, learn at their own pace, study additional courses and acquire more than the minimum required credits, and adopt an inter-disciplinary approach.

'Academic Year': Two consecutive (one odd + one even) semesters shall constitute one academic year.

'Credit Course'. Course, usually referred to as paper having specific title and code number, is a component of a programme. It consists of a list of topics/concepts/theories/principles/activities/tasks etc. which a student has to learn during the programme of study. Each course has some credits according to the nature and load of content. Each course should define the learning objectives/learning outcomes. A course may be designed to be delivered through lectures/tutorials/laboratory work/field work/out reach activities/project work / vocational training / physical training /viva / seminars /term papers / assignments / presentations / self-study work etc., or a combination of some of these.

'Course Instructor/Teacher' : The course instructor generally will be a teaching faculty who has taken up the responsibility of teaching it and evaluating the performance of the students in that course. NCC course will be imparted by the ANO (Associate NCC Officer) and PI (Permanent Instructor) / Girl Cadet Instructor (GCI) staff together according to their area of specialization. Certain specific topics and training activity is imparted by Military Officers and Whole Time Lady (WTLO).

'Credit' : A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work per week. Thus, in each semester's NCC course, credits are assigned on the basis of the number of lecture/tutorial/field work/physical training/excursions and other forms of learning required for completing the contents in a 15-18 week schedule. 2 hours of laboratory work/field work is generally considered equivalent to 1 hour of lecture.

- i.** 2 credit = 2 hour of instruction per week (2 credit course = 30 contact hours of instruction per semester)
- ii.** 1 credit = 2 hour of practical per week (1 credit course = 30 contact hours of instruction per semester)

Number(s) of credit(s) assigned to a particular course are mentioned in the detailed syllabus of the courses

'Credit Point'. It is the product of the grade point and the number of credits for a course.

‘Letter Grade’.It is an index of the performance of students in a said course. Grades are denoted by letters O, A+, A, B+, B, C, P, and F. A letter grade is assigned to a student on the basis of evaluation of her/his performance in a course on a ten-point scale.

‘Grade Point’.It is a numerical weight allotted to each letter grade on a 10 -point scale.

Letter Grade	Grade Point
O	9-10
A+	8-9
A	7-8
B+	6-7
B	5-6
C	4-5
P	4
F	0
Ab	0

Note :University may use the above said criteria for providing the grades to the students or may adopt the same criteria which they are practicing for providing the letter grade and gradepoint for other subjects.

‘Programme’.An educational programme leading to the award of degree, Diploma or Certificate course. NCC shall be offered only at under graduate level programmes for any stream course or type of programme for example – Nonprofessional courses BA, B.SC. B. Com etc. professional courses – B.A., LLB, B.A./B.Sc., B.Ed., BCA, BBA, B. Tech, MBBS etc.

‘Credit – Based Semester System (CBSS)’.Under the CBSS, the requirement of awarding a degree or diploma or certificate is prescribed in terms of number of credits to be completed by the students.

‘Semester’.Each semester shall consist of 15 to 16 weeks of academic work equivalent to 90 actual teaching days. The odd semester may be scheduled from July to December and even semester from January to June. The Credit-based semester system provides flexibility in designing curriculum and assessing credits based on the course content and hrs of teaching.

‘Semester Grade-Point Average (SGPA)’. Semester Grade Point Average or SGPA, is an average grade point earned by the student at the end of an academic session i.e. semester at college. The formula for calculation of SGPA is the sum of all the credit points awarded for the subjects divided by total credits allotted to that semester. It shall be expressed up to two decimal places.

‘Cumulative Grade Point (CGPA)’. It is a measure of overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all the semesters. It shall be expressed up to two decimal places.

‘Transcript/ Grade card or certificate’. Based on the grades earned, a grade certificate shall be issued to all the registered students after every semester. The grade certificate will display the course details (code, title, number of credits, grade and / or marks secured) along with SGPA of semester. Overall Grade Certificate will be issued on completion of the course showing semester wise SGPA & CGPA.

‘The University/ College/ Institution’. The University/ College/ Institution in present document means the any recognized central/ state/ Deemed university or institution meant for higher education.

‘NCC Course’. In the present document ‘NCC Course’ means the course designed for imparting NCC curriculum in educational institutions as elaborated in this document under Choice Based Credit System as a General Elective Course for Senior Division/ Senior Wing.

Definitions Specific to NCC

‘Institutional Training’. Implies training conducted for NCC cadets as per Training Manuals and Cadet Hand Book issued by DG NCC, Ministry of Defense.

‘Associate NCC Officer (ANO)’. ANO will be a university/ college/ school faculty who are qualified in the PRCN (Pre-commission Course of NCC) conducted by DGNCC and are commissioned as Associate Officers in NCC as defined in NCC Act 1948 and NCC Rules. They have the eligibility to impart certain component of NCC Course and undertake training of cadets.

‘Permanent Instructor (PI)’. PI Staff are Junior Commissioned Officers (JCO) and Non-Commissioned Officers (NCO) on deputation from Armed Forces to NCC as governed by NCC Act 1948. Retired PI Staff may be hired by a college as a substitute for ANO with prior concurrence of DGNCC.

‘NCC Organizational Structure’. NCC is an adjunct of Indian Armed Forces that operates under the ambit of the Ministry of Defence through the Defence Secretary with Raksha Mantri as the political head.

‘DGNCC’. Directorate General of NCC renders the command and administrative function of NCC. The executive head of NCC is Director General of NCC who is a Lt Gen rank officer from the Army.

‘State NCC Directorate’. State NCC Directorates are directorates subordinate to DGNCC and render command and administrative control to NCC at State level and is headed by an Additional or Deputy Director General

‘NCC Group HQ’. NCC Group HQs are subordinate to State Directorates and render command and administrative control to NCC at district or cluster of districts in a state and is headed by a Group Commander.

‘NCC Units’. NCC Units are subordinate to Group HQs at the lowest rung of the command and administrative control exercised by military officers and is headed by a Commanding Officer or Officer Commanding. The NCC Units directly engage with educational institutions and ANOs and are primarily responsible for training of NCC in institutions under their jurisdiction.

‘NCC Division/ Wing’. NCC Division/Wing are minor units of senior division/wing of NCC comprising of 160 senior cadets allotted to educational institutions. It can be further subdivided into NCC platoons of 53 to 54 cadets.

‘NCC Troop’. NCC Troop are minor units of junior division/wing of NCC comprising of 100 junior cadets allotted to educational institutions. It can be further subdivided into NCC half troops comprising of 50 junior cadets.

RULE 2 : Admission and Other Provisions

The NCC Course under the CBCS as ‘General Elective’ shall be of two years (Four Semester) duration which may be completed in maximum duration of two year (4 semesters).

Students may complete NCC course in four semesters.

The intake to the course shall be decided according to the seats allotted to University/ college/ institution by University according to the availability of required infrastructure, faculty and resources.

The admission to the NCC Course under the CBCS as a ‘Open Elective’ shall be governed by the provisions as laid down by the NCC Act 1948/ SNCCO 2020/ contemporary SNCCO and Academic council of parallel body of university. These rules and regulations may be modified from time to time (if needed) by the Academic body of the university in consultation with DG NCC or Act/ Ordinances prepared by DG NCC.

Students will be enrolled as NCC cadet as per existing Acts & Rules.

At the time of reporting for admission, the candidates are required to present medical & physical fitness documents as well as the admission proof of the university and submit their self-attested copies of aforesaid documents.

The admission of any candidate is liable to be cancelled without giving any further notice forthwith or at any time during the period of the course, if it is detected that the candidate has/had produced fake/forged certificate (s)/ document(s), indulged in any act of misconduct/indiscipline and has/had concealed any other relevant information at the time of admission.

The admission of the candidate to the course shall be subject to such ordinance, rules and regulations as may be framed from time to time by the university in consultation with DG NCC and NCC act 1948.

DG NCC shall have jurisdiction in case of any dispute relating to the provisional admission in the course.

RULE 3 : For Eligibility, Medium of Instrs & Categories

Eligibility Conditions. Be governed by provisions of NCC Act and Rules and directions from DG NCC from time to time. These are readily available on DG NCC website www.nccindia.nic.in.

Standards for physical Fitness criteria for Male and Female Cadets/students shall be governed by provisions of NCC Act and Rules and policy documents released by DG NCC from time to time.

RULE 4 : Medium of Instruction. English or Hindi. However, ANOs and training instructors are free to use vernacular language for helping students who are not fluent in Hindi or English.

RULE 5 : Course and Students. NCC course is unique, due to the nature of its military training content and component hence it is normally offered to students enrolled as NCC cadets only. This NCC Course is primarily designed for students enrolled as NCC cadets under provisions of NCC Act 1948. Institution allotted NCC will have the obligation to offer this course to all students from their institute enrolled as cadets as per vacancy allotted to the institution by DG NCC as also to those cadets enrolled under Open Quota seats.

RULES 6 :NCC COURSE FOR ‘CADET’ CATEGORY

6.1. NCC COURSE FOR ‘CADET’

- (a) NCC course for Cadets comprises of total 12 credits (08 for theory, 04 for practical) over 4 semesters courses i.e., NCC course I to NCC course IV.
- (b) Cadets will not only earn the academic credits but also be given ‘B’, and ‘C’ Certificates after passing the exam conducted by DG NCC.
- (c) Students would be free to join NCC Course I or subsequent Courses in any semester, not necessarily Semester I or the designated Semester.
- (d) A student can opt for only one of the four Courses per semester and that too sequentially implying NCC Course II cannot be joined before completing NCC Course I and so on.
- (e) Under this category a fresh student/cadet will compulsorily have to opt for all four NCC Courses in minimum four Semesters. However, ‘B’ certificate holder may directly join NCC Course Number 3 in any semester. He will have to complete NCC Course Number 5 and NCC Course Number 4 for obtaining ‘C’ certificate and he will be awarded credit points only for NCC Course Number 3 and NCC Course Number 4.

RULE 7 : MOBILITY & CREDIT BANK

The mobility shall be permissible from the regular mode programme to the regular mode programme of learning only and cannot be replaced by open/distance/online programme.

It shall be the responsibility of the student to assess the feasibility and practicality of vertical mobility (across the Universities), as it doesn't entitle a student to be exempted or relaxed from any of the requisites (sessional, attendance, assignments, End-semester examinations and programme duration etc.) for completing the course.

After completing one semester/ one year cadet/student may pursue NCC course from any other institution/ University/ College having NCC and carry credits in credit bank as per NEP 2020. The NCC students/ Cadets of some other university shall in any case be admitted only at the beginning of the session to the fulfilment of the other requirements of the NCC Course (attendance, Formative assessment, Field-work, practical etc).

A student of NCC course availing inter-university mobility shall continue to be a bonafide student of the university where he/she initially got admission and as per the university/ Institutional rules for the inter-university mobility.

In case of inter-university mobility of NCC cadet for NCC Course is also the subject to availability of NCC for the cadets in that particular university/ institution and it shall be interpreted as inter-battalion migration (means another regimental no. shall be allotted to the cadet).

RULE 8 : EXAMINATION & PROMOTION

The examination of all the NCC courses shall be internal in nature and generally consisting of continuous internal assessment and End of semester Examination. For the preparation of final grade in a particular course, the continuous internal assessment (Formative in nature) and the End Semester Examination (Summative in nature) shall have the weightage as decided for other courses by the university as per the University norms for e.g., 30% internal assessment and 70% End of term exams or 30% internal assessment and 70% End of term exams etc.

For assigning the Grades and credit points to NCC Course Universities/ Institutions are free to use the same criteria which are decided by their academic bodies for providing the grades and credit points to the other courses

RULE 9 : CONTINUOUS INTERNAL ASSESSMENT

The Continuous Internal Assessment of the NCC Cadets' and NCC students' learning and performance shall be carried out by the ANOs and PI staff.

Continuous Internal Assessment will be 100% Practical that includes Drill Square test, Map Reading, Weapon Training, Field craft & Battle craft.

CO of nominated NCC Unit will be deemed as Head of the Department and shall be responsible for approving the schedule and pattern of the continuous internal examination.

ANO of the nominated institute shall maintain all the records related to attendance, teaching and assessment in a systematic manner, including award of final grade.

In case a student fails to appear in any Continuous Internal Assessment, they will be given a chance to reappear in retest and in case he/she fails to obtain 'P' grade he/she will be made to repeat the exam by carrying it forward for semester retest.

BOARD OF STUDIES IN NCC AT TUMKUR UNIVERSITY

- 1. Cap. Dr. Aruna Kumar D B:** **Chairman**
Assistant Professor and Associate NCC Officer
University College of Science, Tumkur
- 2. Capt. Mohan Prakash:** **Member**
Assistant Professor and Associate NCC Officer
University College of Arts, Tumkur
- 3. Lt. Ramalingareddy:** **Member**
Assistant Professor and Associate NCC Officer
Sri Siddaganga Collge of Arts Science and Commerce,
Tumkur
- 4. Lt. Bandi Ranganath:** **Member**
Assistant Librarian and Associate NCC Officer
Government First Grade College, Sira