

ATMIYA UNIVERSITY

Department of NCC

Part III		
Skill Enhancement Course (SEC) – II–Co-Curricular Courses (CoC)		
For the students admitted from A.Y. 2021-2022 & onwards		
Offered by: Department of NCC	Offered to: (Please mark \checkmark as applicable)	
	<input type="checkbox"/>	Students across the University other than the offering department.
	<input checked="" type="checkbox"/>	Students across the University including the offering department. (The course should not be a part of regular curriculum of the offering department.)
Semester : I– IV (2 year programs)		
Course Code	Course Title	Course Credit and Hours
21AECO027	National Cadet Corps	2 Credit (200 Hrs)

Objective of the course:

Cadets will be able to: -

1. Know about the history of NCC, its organization, and incentives of NCC for their career prospects.
2. Acquire knowledge of duties and conduct of ncc cadets.
3. Understand about different NCC camps and their conducts.
4. Understand the concept of national integration and its importance.
5. Understand the concept of self-awareness and emotional intelligence.
6. Understand the concept of critical & creative thinking.
7. Understand the process of decision making & problem solving.
8. Understand the concept of team and its functioning.
9. Understand the concept and importance of Social service.

Target Skills (Course outcomes) :

1. Imbibe the conduct of NCC cadets.
2. Respect the diversity of different Indian culture.
3. Practice togetherness and empathy in all walks of their life.
4. Do their own self analysis and will work out to overcome their weakness for better performance in all aspects of life.
5. Understand creative thinking & its components.
6. Think divergently and will try to break functional fixedness.
7. Make a team and will work together for achieving the common goals.
8. Do the social services on different occasions.

Justification and references for the course (Mapping with NSDC/NSQF/Sector Skill Council/Regional needs/any other) :

- NCC course incorporate based on armed force and students can enhance their knowledge in all three area of armed force.

Reference: NCC handbook:

Course Description:

- This course reinforces the basic understanding of armed force. Cadets will learn about various military tactics like Field craft and battle craft, Weapon Training, Map reading.
- This course creates and awareness about the history of Indian armed forces and the contribution of brave soldiers to the nation security.NCC stands for the National Cadet Corps, which works towards the empowerment of the nation’s youth.
- The course encourages the aspirants into several productive activities that keep them away from any unconstructive forces. Course is designed so that cadet can groom their overall personality and also be aware about various challenges to our nation and social issues. By various activity Cadets are able to learn disaster management and community development.
- The course provide information and training on how to join armed forces, other paramilitary forces, state military and civil defense force after completion of the NCC Course successfully. The course shall extend over a period of two years comprising of four semesters.

Course Code	Course Title	Hours
21AECO027	National Cadet Corps	200 Hrs
	Semesters I,II,III and IV	

CO No.	CO Statement	Blooms taxonomy Level (K ₁ to K ₆)
CO1	Imbibe the conduct of NCC cadets.	K2
CO2	Respect the diversity of different Indian culture and Practice togetherness and empathy in all walks of their life.	K2
CO3	Do their own self analysis and will work out to overcome their weakness for better performance in all aspects of life. Understand creative thinking & its components and think divergently and will try to break functional fixedness.	K3
CO4	Make a team and will work together for achieving the common goal send do the social services on different occasions.	K2

Semester – I		
Course Code	Course Title	Hrs
21AECO027	National Cadet Corps-1 (Theory)	Theory-15 hrs

Course Content (Theory)	Hours
Divided into four Modules, and activities are part of each module.	
Module-I : NCC General (N)	06
<ul style="list-style-type: none"> ➤ Introduction of NCC ➤ History, Aims, Objective of NCC ➤ NCC as Organization ➤ Incentives of NCC ➤ Duties of NCC Cadet ➤ NCC Camps: Types & Conduct 	
Module-II: National Integration & Awareness (NI)	04
<ul style="list-style-type: none"> ➤ National Integration: Importance & Necessity ➤ Factors Affecting National Integration ➤ Unity in Diversity & Role of NCC in Nation Building ➤ Threats to National Security 	
Module III: Personality Development (PD)	03
<ul style="list-style-type: none"> ➤ Intra & Interpersonal skills ➤ Self-Awareness & Analysis ➤ Empathy ➤ Critical & creative thinking ➤ Decision making and problem solving 	
Module IV: Social Service and Community Development (SSCD)	02
<ul style="list-style-type: none"> ➤ Basics of social service and its need ➤ Types of social service activities ➤ Objectives of rural development programs and its importance ➤ NGO's and their contribution in social welfare ➤ Contribution of youth and NCC in Social welfare 	

Sr. No.	List of activities	Hrs
01	15 August: Independence Day	02
02	Cleanliness drive	02
03	Tree plantation	02

Text book:

- Army NCC Cadet Handbook Common Subject SD/SW
- Army NCC Cadet Handbook Specialised Subject SD/SW

Reference Book and app

NCC book by R K Gupta

- NCC Hand book by Kanti prakashan
- DGNCC Training app

- NCC darpan app
- NCC guide app
- Cadet app

Pedagogic tools:

- Chalk and Board
- Power Point Presentation
- Videos
- Handouts
- Field visit
- Activities

Methods of Assessment & Tools:

Components of CIA: **100** marks

Sr No.	Component	Content	Marks	Sub total
1	Attendance	Regular Institutional Training Parade	10	10
2	Social Activity	Total 15 social activity Involvement in the activities	15	15
3	Theory exam	As prescribed in the DGNCC Syllabus first year (semester I&II) As prescribed in the DG NCC Syllabus Second year (semester III&IV)	10 10	20
4	Practical exam	Test-1 at the end of 1 st year Drill test-1 , Map Reading-1 Test-2 at the end of 2 nd year Drill -2 ,MR-2, WT, FC&BC, Leadership, Responsibility,	15 30	45
5	Special Activity	Camp only in second year	10	10
Total			100	100

- At the end of the course a separate certificate on completion of course will be issued by the CoE having only remarks as follows:

Letter Grade	Grade Point
O (Outstanding)	9-10
A+(Excellent)	8-9
A (Very Good)	7-8
B+(Good)	6-7
B (Above average)	5-6
C (Average)	4-5
P (Pass)	4
F (Fail)	0
Ab (Absent)	0

NCC Co-curriculum course total hours and credit

Semester	Total (hrs)		Total hrs/Semester	Remarks
	Lecture	Practical		
Semester-1	15	30	45	After 1 st & 2 nd Year Cadets earn 2 Credit
Semester-2	15	30	45	
Semester-3	20	30	50	
Semester-4	30	30	60	
Total (hrs)	80	120	200	

SEMESTER WISE DISTRIBUTION OF NCC SYLLABUS FOR THEORY

Sr. No.	Subject of topic	I	II	III	IV	Total (Hrs)
1	NCC General	06	-	-	-	06
2	National Integration	04	-	-	-	04
3	Personality Development	02	05	05	04	15
4	Leadership	-	05	04	03	12
5	Disaster Management	-	-	03	10	13
6	SSCD	03	05	-	-	08
7	Adventure	-	-	01	-	01
8	Environmental Awareness & Conservation	-	-	-	03	03
9	General Awareness	-	-	-	04	04
10	Border & Coastal Areas	-	-	02	-	02
11	Armed Forces	-	-	-	06	06
12	Infantry Weapons	-	-	-	-	-
13	Communication	-	-	-	-	-
14	Military Hospital	-	-	05	-	05
	Total (Hrs)	15	15	20	30	80

SEMESTER WISE DISTRIBUTION OF NCC SYLLABUS FOR PRACTICAL

Sr. NO.	Subject of topic	I	II	III	IV	Total (Hrs)
1	Drill	12	12	08	07	39
2	Field Craft & Battle Craft	03	04	04	04	15
3	Map Reading	03	05	04	04	16
4	Weapons Training	05	04	04	04	17
5	Communication	-	-	-	-	00
6	Infantry Weapons	-	-	-	-	00
7	SSCD	07	05	05	06	23
8	Health & Hygiene	-	-	-	05	05
9	Operation Training	-	-	05	-	05
	Total (Hrs)	30	30	30	30	120

Semester – I		
Course Code	Course Title	Hrs
21AECO027	National Cadet Corps-1 (Practical)	Practical-30 hrs

Course Content (Practical)	Hours
Divided into five Modules, and activities are part of each module.	
Module-I : Drill (D)	12
<ul style="list-style-type: none"> ➤ 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 	
Module-II: Weapon Training (WT)	05
<ul style="list-style-type: none"> ➤ Introduction & Characteristics of .22 rifle ➤ Handling of .22 rifle 	
Module III: Map Reading (MR)	03
<ul style="list-style-type: none"> ➤ 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 	
Module IV: Field Craft & Battle Craft (FC & BC)	03
<ul style="list-style-type: none"> ➤ Introduction of Field Craft & Battle craft ➤ Judging Distance ➤ Method of Judging Distance. 	
Module V: Social Service and Community Development (SSCD)	07
<ul style="list-style-type: none"> ➤ 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 Code	Course Title	Hrs
21AECO027	National Cadet Corps-II (Theory)	Theory-15 hrs

Course Content (Theory)	Hours
Divided into Three Modules, and activities are part of each module	
Module-1: Personality Development (PD)	05
<ul style="list-style-type: none"> ➤ Thinking- Meaning and Concept of thinking, Reasoning, Process of thinking. ➤ Critical Thinking- Meaning & concept of critical thinking, Features of critical thinking, Process of critical thinking. ➤ Creative thinking- Meaning & concept of creative thinking, Features of creative thinking, Process of creative thinking, levels of Creativity, Characteristics of creative person. 	
Module-2: Leadership Development (LD)	05
<ul style="list-style-type: none"> ➤ Leadership capsule ➤ Important Leadership traits, Indicators of leadership and evaluation. ➤ Motivation- Meaning & concept, Types of motivation. Factors affecting motivation ➤ Ethics and Honor codes. 	
Module-3: Social Service and Community Development (SSCD)	05
<ul style="list-style-type: none"> ➤ Protection of Children & Women Safety ➤ Road/Rail Safety ➤ New Government Initiatives ➤ Cyber and mobile Security Awareness. 	

Sr. No.	List of activities	Hrs (aprox.)
01	1 st Dec: AIDS day	02
02	7 th Dec: Armed forces flag day	02
03	26 th January: Republic day	04

Semester – II		
Course Code	Course Title	Hrs
21AECO027	National Cadet Corps-II (Practical)	Practical-30 hrs
Course Content (Practical)		Hours
Divided into five Modules, and activities are part of each module		
Module-I : Drill (D)		12
<ul style="list-style-type: none"> ➤ Foot Drill Dahine, Baen, Aageaur Piche Kadam Lena ➤ Tej Chal se Murdna, Tej Chal se Salute Karna, Tej Kadam Taal aur Tham, Tej Kadam Taal se Kadam Badalna ➤ Teeno Teen se Ek File aur ek file se Teeno Teen Banana 		

Module-II : Weapon Training (WT)	04
<ul style="list-style-type: none"> ➤ Range procedure & Theory of group ➤ Short Range firing 	
Module-III : Map Reading (MP)	05
<ul style="list-style-type: none"> ➤ Protractor Bearing and its conversion methods ➤ Service protractor and its uses ➤ Prismatic compass and its uses and GPS ➤ Navigation by compass and GPS 	
Module-IV : Field Craft & Battle Craft (FCBC)	04
<ul style="list-style-type: none"> ➤ Indications of landmarks and Targets ➤ Intro, Definitions, Types of Ground, Indication of Landmarks, Methods of iden of targets, difficult targets 	
Module-V: Social Service and Community Development (SSCD)	05
<ul style="list-style-type: none"> ➤ 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 – III		
Course Code	Course Title	Hrs
21AECO027	National Cadet Corps-III (Theory)	Theory-20 hrs

Course Content (Theory)	Hours
Divided into Six Modules, and activities are part of each module	
Module-I: Personality Development (PD)	05
<ul style="list-style-type: none"> ➤ Group Discussions - Change your Mindset ➤ Public Speaking 	
Module-II: Leadership Development (LD)	04
<ul style="list-style-type: none"> ➤ Case Studies <ul style="list-style-type: none"> • APJ Abdul Kalam • Deepa Malik • Maharana Pratap • N Narayan Murthy. 	
Module-III : Disaster management(DM)	03
<ul style="list-style-type: none"> ➤ Disaster Management Capsule ➤ Organisation ➤ Types of Disasters. ➤ Essential Services ➤ Assistance ➤ Civil Defence Organisation. 	
Module-IV : Adventure (A)	01
<ul style="list-style-type: none"> ➤ Adventure activities. 	
Module-V : Border & Coastal Areas (B & C area) and Military History	02
<ul style="list-style-type: none"> ➤ History, Geography & Topography of Border/ Coastal Areas. 	
Module-VII : Military History	05
<ul style="list-style-type: none"> ➤ Biography of renowned generals. 	

Sr. No.	List of activities	Hrs (aprox.)
01	Environment awareness	02
02	21 June: International day of yoga	03
03	Independence Day	03
04	Cleanliness Drive	02
05	NCC day (The NCC day is observed on the fourth Sunday of November)	03

Semester – III		
Course Code	Course Title	Hrs
21AECO027	National Cadet Corps-III (Practical)	Practical-30 hrs

Course Content (Practical)	Hours
Divided into Six Modules, and activities are part of each module	
Module-I : Drill (D)	08
<ul style="list-style-type: none"> ➤ Arm Drill ➤ Rifle ke saath Savdhan, Vishram aur Aram se ➤ Rifle ke saath Parade Par aur Saj, Rifle ke saath Visarjan, Line Tod ➤ Bhumi Shastra aur Uthao Shastra, Bagal Shastra aur Baju Shastra 	
Module-II : Weapon Training (WT)	04
<ul style="list-style-type: none"> ➤ Short Range firing. 	
Module-III : Map Reading (MR)	04
<ul style="list-style-type: none"> ➤ Setting of Map ➤ Findings North and Own Position 	
Module-IV : Field Craft & Battle Craft (FCBC)	04
<ul style="list-style-type: none"> ➤ Observation ➤ Camouflage ➤ Concealment 	
Module-V: Social Service and Community Development (SSCD)	05
<ul style="list-style-type: none"> ➤ Cadets will participate in various activities throughout the semester e.g., <ul style="list-style-type: none"> • Blood donation Camp • Swachhata Abhiyan • Constitution Day • Jan Jeevan Hariyali Abhiyan • Beti Bachao Beti Padhao etc. <p style="text-align: center;">As per the requirement and similar announced days- National and State level.</p>	
Module-VI : Obstacle Training (OT)	05
<ul style="list-style-type: none"> ➤ Obstacle training - Introduction, Safety-measures, Benefits. ➤ Obstacle Course- Straight balance, Clear Jump, Gate Vault, Zig- Zag Balance, High Wall 	

Semester – IV		
Course Code	Course Title	Hrs
21AECO027	National Cadet Corps-IV (Theory)	Theory-30 hrs

Course Content (Theory)	Hours
Divided into five Modules, and activities are part of each module	
Module-I : Personality Development (PD)	04
➤ Group Discussions – Social Skills & Time management	
Module-II : Leadership Development (LD)	03
➤ Case Studies <ul style="list-style-type: none"> • Ratan Tata • Rabindra Nath Tagore • Role of NCC cadets in 1965 war. 	
Module-III : Disaster management (DM)	10
➤ Initiative Trg, Organising Skills	
➤ Dos and Don'ts	
➤ Natural Disasters	
➤ Man Made Disasters	
➤ Fire Services and Fire Fighting	
Environmental Awareness (EA)	03
➤ Adventure Environmental Awareness and Conservation	
Module-V : General Awareness (GA)	04
➤ General Awareness	
Module-VI : Armed Forces (AF)	06
➤ Army, Navy, Air Force	
➤ Central Armed Police Forces.	

Sr. No.	List of activities	Hrs (aprox.)
01	1st Dec: AIDS day	02
02	7th Dec: Armed forces flag day	02
03	26th January: Republic day	03
04	8th March: International women's day	02

Semester – IV		
Course Code	Course Title	Hrs
21AECO027	National Cadet Corps-IV (Practical)	Practical-30 hrs

Course Content (Practical)	Hours
Divided into Six Modules, and activities are part of each module	
Module-I : Drill (D)	08
➤ Arm Drill	
➤ Salami Shastra	

➤ Squad Drill with Arms	
Weapon Training (WT)	04
➤ Short Range firing	
Module-III : Map Reading(MP)	04
➤ Map to Ground	
➤ Ground to Map.	
Module-IV : Field Craft & Battle Craft(FCBC)	04
➤ Fire and Move Capsule	
➤ Field signal- with hand, with Weapons, Signal with Whistle	
➤ Field signals as means of giving orders	
➤ Field signals by day, Field signals by night	
➤ Section Formation.	
Module-V : Social Service and Community Development (SSCD)	05
➤ Cadets will participate in various activities throughout the semester e.g., <ul style="list-style-type: none"> • Blood donation Camp • Swachhata Abhiyan • Constitution Day • Jan Jeevan Hariyali Abhiyan • Beti Bachao Beti Padhao etc <p style="text-align: center;">As per the requirement and similar announced days- National and State level.</p>	
Module-VI : Health & Hygiene (H&H)	05
➤ Hygiene & Sanitation (Hygiene- Personal & Camp Hygiene)	
➤ First Aid in common medical emergencies	
➤ Treatment & Care of Wounds	