



GUJARAT TECHNOLOGICAL UNIVERSITY

Program Name: NCC

Level: BE

Branch: AirForce Cadets

Course / Subject Code : 1014NB01

Course / Subject Name : NATIONAL CADET CORPS IV

w. e. f. Academic Year:	2021-22
Semester:	4 th Semester
Category of the Course:	Compulsory

Course Objectives (Theory)

After Completion of the Course, Student will able to:

No	Course Objectives
01	Develop a sense of time management and social skills
02	Understand the life history & leadership qualities of personalities who have contributed in Nation Building and Literature
03	Understand the role of NCC cadets as 2 nd line Defence in 1965 War.
04	Develop awareness about various types of Natural and manmade disasters
05	Know about life saving tips during disasters
06	acquainted about Fire Services
07	Understand importance of Environmental Awareness & conservation.
08	Understand importance of General Awareness.
09	Know about Armed Forces

Course Outcome (Theory)

After Completion of the Course, Student will able to:

No	Course Outcome
01	Effectively Manage time.
02	Develop the qualities of social skills.
03	Imbibe leadership qualities
04	Do group discussions effectively.
05	Be motivated to serve the nation by joining Armed forces



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06	Contribute in environmental awareness and conservation activities
07	Keep abreast of current affairs & general awareness
08	Effectively contribute in managing disaster relief tasks.

Teaching and Examination Scheme:

Teaching Scheme (in Hours)			Total Credits L+T+ (PR/2)	Assessment Pattern and Marks				Total Marks
L	T	PR	C	Theory		Tutorial / Practical		
				ESE (E)	PA/CA (M)	PA/CA (I)	ESE (V)	
02	00	02	03	70	30	20	30	150

Course Content (Theory):

Unit No.	Content	No. of Hours	% of Weightage
1.	<u>Personality Development</u> Group Discussions – Social Skills & Time management.	04	13
2.	<u>Leadership Development</u> Case Studies – Case Studies – Ratan Tata, Rabindra Nath Tagore, Role of NCC cadets in 1965 war.	03	10
3.	<u>Disaster management</u> (i) Initiative Trg, Organising Skills. (ii) Dos and Don'ts. (iii) Natural Disasters. (iv) Man Made Disasters. (v) Fire Services and Fire Fighting	10	34
4.	<u>Environmental Awareness</u> Adventure Environmental Awareness and Conservation.	03	10
5.	<u>General Awareness</u> General Awareness	04	13
6	<u>General Service Knowledge</u> GSK-1 Armed Forces & IAF Capsule GSK-2 Modes of Entry in IAF, Civil Aviation GSK-3 Aircrafts – Types, Capabilities & Role	06	20
Total		30	100



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Course Outcome (Practical)

After Completion of the Course, Student will able to:

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01	Understand that drill as the foundation for discipline and to command a group for common goal.
02	Understand various signals to convey messages in the army
03	Get acquainted various section formations.
04	Understand the basics of personal and public hygiene.
05	Get acquainted with the procedure to treat the wounds and fractures during emergencies

Course Outcome (Practical)

After Completion of the Course, Student will able to:

No	Course Outcome
01	Perform weapon drill gracefully
02	Give and follow the different word of command.
03	Appreciate grace and dignity in the performance of foot drill
04	Apply signals in there day to day functioning
05	Provide first aid during the emergencies
06	Navigate to the given location on ground using compass and GPS.
07	Practice healthy practices for the personal sanitation and hygiene

Course Content (Practical):

Unit No.	Content	No. of Hours	% of Weightage
1.	<u>Drill</u> (i) Arm Drill. (ii) Salami Shastra. (iii) Squad Drill with Arms.	08	27



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2.	<u>Weapon Training</u> Short Range firing	04	13
3.	<u>Map Reading</u> <ul style="list-style-type: none">• Map to Ground.• Ground to Map.	04	14
4.	<u>Field Craft & Battle Craft</u> <ul style="list-style-type: none">(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.	04	13
5.	<u>Social Service and Community Development</u> 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.	05	17
6	<u>Health & Hygiene</u> <ul style="list-style-type: none">(i) Hygiene & Sanitation (Hygiene- Personal & Camp Hygiene).(ii) First Aid in common medical emergencies.(iii) Treatment & Care of Wounds.	05	16
	Total	30	100

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