



GUJARAT TECHNOLOGICAL UNIVERSITY

Program Name: NCC

Level: BE

Branch: NAVAL CADETS

Course / Subject Code : 1015NC01

Course / Subject Name : NATIONAL CADET CORPS V

w. e. f. Academic Year:	2021-22
Semester:	5 th Semester
Category of the Course:	Compulsory

Course Objectives (Theory)

After Completion of the Course, Student will able to:

No	Course Objectives
01	Understand the concept of Team and its functioning.
02	Hone Public speaking skills.
03	Understand the security set up and management of Border/Coastal areas.
04	Acquire knowledge about an Infantry Battalion organization and its weapons.
05	Acquire knowledge about Indo-Pak Wars fought in 1965 & 1971.

Course Outcome (Theory)

After Completion of the Course, Student will able to:

No	Course Outcome
01	Participate in team building exercise and value team work.
02	Improve communication skills by public speaking activities.
03	Understand the security mechanism and management of Border/Coastal areas.
04	Get motivated to join armed forces.

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)	
01	00	02	02	70	30	20	30	150



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Course Content (Theory):

Unit No.	Content	No. of Hours	% of Weightage
1.	<u>Personality Development</u> <ul style="list-style-type: none">• Group Discussions –Team work.• Public speaking.	06	40
2.	<u>Border & Coastal Areas</u> Security Setup and Border/Coastal management in the area.	02	13
3.	<u>Introduction to Infantry Battalion and its Equipment</u> Organization of Infantry Battalion & its weapons	03	20
4.	<u>Military History</u> Study of Battles of Indo-Pak Wars 1965 & 1971.	04	27
	Total	15	100

Course Objectives (Practical)

After Completion of the Course, Student will able to:

No	Course Objectives
01	Understand that drill as the foundation for discipline and to command a group for common goal.
02	Appreciate grace and dignity in the performance of ceremonial drill
03	Use the compass and GPS to locate places on the ground and map.

Course Outcome (Practical)

After Completion of the Course, Student will able to:

No	Course Outcome
01	Perform ceremonial drill and follow the different word of command
02	Do the social service on various occasions and get connected with the community.
03	Do all the asana and gain the physical& mental fitness.



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Course Content (Practical):

Unit No.	Content	No. of Hours	% of Weightage	
1.	<u>Drill</u> i. Ceremonial Drill. ii. Guard Mounting	03	10	
2.	<u>Field Craft & Battle Craft</u> i. Fire control orders. ii. Types of fire control orders. iii. Fire and Movement- when to use fire and movements tactics, Basic considerations, Appreciation of ground cover, Types of cover, Dead ground, Common Mistakes, Map and air photography, Selection of Fire position and fire control.	04	13	
3.	<u>Map Reading</u> Google Maps & applications	04	13	
4.	<u>Weapon Training</u> Short Range firing	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> i. Yoga- Introduction, Definition, Purpose, Benefits. ii. Asanas-Padamsana, Siddhasana, Gyan Mudra, Surya Namaskar, Shavasana, Vajrasana, Dhanurasana, Chakrasana, Sarvaangasana, Halasana etc.	05	17	
7	<u>Obstacle Training</u> i. Obstacle training – Intro, Safety measures, Benefits. ii. Obstacle Course- Straight balance, Clear Jump, Gate Vault, Zig- Zag Balance, High Wall etc.	05	17	
		Total	30	100

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