



# GUJARAT TECHNOLOGICAL UNIVERSITY

Program Name: Bachelor in Engineering

Level:BE

Branch: Air Force Cadets

Course / Subject Code : 1013NB01

Course / Subject Name : National Cadet Corps III

w. e. f. Academic Year:	2021-22
Semester:	3rd
Category of the Course:	Compulsory

## Theory Course Objectives:

No	Course Objectives
1	Understand the life history and leadership qualities of great leaders, sportspersons & entrepreneurs.
2	Understand the various aspects of types of mindset.
3	Understand public speaking methods & qualities.
4	Understand the organizations related to disaster management and their functioning.
5	Understand the role of NCC cadets in disaster management.
6	Understand the various types of adventure activities.
7	Understand the History, Geography & Topography of Border/ Coastal Areas.

## Practical Course Objectives:

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 arm drill.
03	Understand the concept and importance of social service
04	Understand the importance of a weapon its detailed safety precautions necessary for prevention of accidents.
05	Actively participate in social service and community development activities



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## Theory Course Outcome:

No	Course Outcomes
01	Admire and get inspired from the accomplishments of leaders from various walks of life.
02	Develop public speaking skills.
03	Understand the importance of positive mindset and optimistic attitude in life.
04	Appreciate the need & requirement for disaster management and his role in disaster management activities
05	Know the history & geographical peculiarity of our borders & coastal regions.

## Practical Course Outcomes:

No	Course Outcomes
01	Perform arm drill gracefully.
02	Give and follow the different word of command.
03	Fire a weapon effectively with fair degree of marksmanship.
04	Different positioning for fire and aiming.
05	Use terrain effectively for concealment, camouflage, indicate landmarks and give field signals.
06	Observe surroundings in better way.
07	Develop the qualities of patience and confidence and become better individuals.
08	Will develop physical as well as mental fitness.



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## 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

## Theory Course Content:

Unit No.	Content	No. of Hours	% of Weightage
1.	<b><u>Personality Development</u></b> (i) Group Discussions - Change your Mindset (ii) Public Speaking.	05	33
2.	<b><u>Leadership Development</u></b> Case Studies- APJ Abdul Kalam, Deepa Malik, Maharana Pratap, N Narayan Murthy.	04	27
3.	<b><u>Disaster management</u></b> i. Disaster Management Capsule. ii. Organisation. iii. Types of Disasters. iv. Essential Services. v. Assistance. vi. Civil Defence Organisation.	03	20
4.	<b><u>Adventure</u></b> Adventure activities.	01	7
5.	<b><u>Border &amp; Coastal Areas</u></b> History, Geography & Topography of Border/ Coastal Areas.	02	13
	<b>Total</b>	<b>15</b>	<b>100</b>



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## Practical Course Content:

Unit No.	Content	No. of Hours	% of Weightage
1.	<b><u>Drill :</u></b> 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.	08	27
2.	<b><u>Weapon Training (WT).</u></b> i.Short Range firing.	04	13
3.	<b><u>Unit 3. Map Reading (MR).</u></b> (i) Setting of Map. (ii) Findings North and Own Position.	04	14
4.	<b><u>Unit 4. Field Craft &amp; Battle Craft.</u></b> (i) Observation. (ii) Camouflage. (iii) Concealment.	04	13
5.	<b><u>Unit 5. Social Service and Community Development (SSCD).</u></b> 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.	<b><u>Obstacle Training</u></b> (i) Obstacle training - Introduction, Safety-measures, Benefits. (ii) Obstacle Course- Straight balance, Clear Jump, Gate Vault, Zig- Zag Balance, High Wall.	05	16
	<b>Total</b>	<b>30</b>	<b>100</b>

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