

# NATIONAL CADET CORPS (N.C.C) – CLASS IX - (CODE: 076)

2021-2022

## Common Subjects

### **Unit-1 : The NCC**

Aim: To acquaint cadets with the aims and objectives of NCC

Scope: Introduction, aims, organization and general information about NCC

- Aims and Objectives of NCC
- Organization and Training and NCC Song
- Incentives of Joining NCC

### **Unit-2 : National Integration and Awareness**

Aim: To inculcate sense of patriotism, secular values and motivate cadets to contribute towards nation building through national unity and social cohesion

Scope: The concepts of National Interests, Objectives and integration, Unity in diversity and cultural heritage of India

- Religions, Culture, Traditions and Customs of India
- National Integration: Importance and Necessity
- Problems/ Challenges of National Integration
- Images/ Slogans for National Integration

### **Unit-3 : Civil Affairs**

Aim: To train Cadets to assist Civil administration in performance of selective duties during disasters

Scope: Basic information about civil defense organization and its duties, maintenance of essential services and providing assistance to civil administration in various types of emergencies during national disasters

- Types of Emergencies/ Natural Hazards
- Role of NCC during Natural Hazards/ Calamities
- Fire Service and Fire Fighting

### **Unit-4 : Drill**

Aim: To inculcate a sense of discipline, improve bearing, smartness, ant turnout and to develop the quality of immediate and implicit obedience to orders

Scope: All important basic aspects of drill including ceremonial drill, drill with arms and words of command

Drill without Arms

- General and Words of Command
- Attention, Stand at Ease and Stand Easy, turning and inclining at the halt
- Saluting at the halt
- Getting on parade, dismissing and falling out
- Saluting on the March Individual word of command

### **Unit-5 : Weapon Training**

Aim: To give elementary knowledge about rifles

Scope: Basic knowledge about rifle and firing

- Characteristics of a rifle/rifle ammunition and its fire power
- Stripping, assembling, care and cleaning and sight setting
- Loading, cocking and unloading
- The lying position and Holding
- Aiming, range and figure target
- Range precautions and safety precautions

### **Unit-6 : Adventure Training**

Aim: To inculcate a sense of adventure and develop confidence, courage and determination

Scope: To expose cadets to various adventure activities

- Trekking including selection of route and administrative planning
- Cycle expedition including selection of route and administrative planning

**Unit-7 : Personality Development and Leadership**

Aim: To develop an all-round dynamic personality with adequate leadership traits to deal/ contribute effectively in all walks of life

Scope: Basic subjects of leadership with emphasis on self-awareness, life/soft skills, time management and character building

- Introduction to Personality development
- Factors influencing/ shaping personality: Physical, Social, Psychological and Philosophical
- Self-Awareness-know yourself
- Self-confidence, courage & self-conviction
- Problem solving skills
- Importance of group and team work
- Effective use of time
- Coping with stress/ emotions
- Sociability: Social Skills
- Characteristics of healthy personalities – ethics/ values

**Unit-8 : Social Awareness Community Development**

Aim: To teach cadets the values and skills involved in providing voluntary Social Service

Scope: Understanding of social service and its needs, knowledge about the weaker sections of our society and their requirements, about NGOs and contribution of youth towards social welfare

- Basics of Social Service, and its needs
- Contribution of youth towards social welfare
- Civic responsibilities
- Drug abuse and trafficking
- Causes and prevention of HIV/AIDS, Role of Youth
- Corruption
- Provisions of child Act

**Unit-9: Health and Hygiene**

Aim: To instill respect and responsibility towards personal health and hygiene

Scope: Basic information of the human body, maintenance of health and hygiene, sanitation, disease and an elementary knowledge of First Aid and Nursing

- Hygiene and sanitation (Personal and Food Hygiene)
- Physical and mental health
- Infectious and contagious diseases and its prevention
- Basics of first aid in common medical emergencies
- Wounds and fractures
- Introduction to yoga and exercise

## **Specialized Subject (Army)**

**Unit 1: Armed Forces**

Aim: To acquaint cadets with the Armed Forces

Scope: Introductory and general information about the Armed Forces

- Basic organization of Armed Forces
- Organization of the Army
- Badges and Ranks
- Honors and Awards

<ul style="list-style-type: none"> <li>• Modes of entry into Army</li> </ul>
<p><b>Unit 2: Military History</b>  Aim: To provide knowledge of renowned Military Generals, PVCs and Indo-Pak Wars  Scope: Introduction to biographies, famous Indian battles and gallantry awards</p> <ul style="list-style-type: none"> <li>• Biographies of renowned generals (Carriappa/Manekshaw)</li> <li>• Study of battles of Indo-Pak war 1965, 1971 and Kargil</li> <li>• War movies</li> </ul>
<p><b>Unit-3: Map Reading</b>  Aim: To teach cadets elementary map reading  Scope: Basic understanding of maps, sheets and map reading instruments and development of capability to use them to carry out simple Map Reading</p> <ul style="list-style-type: none"> <li>• Introduction to types of Maps and conventional signs.</li> <li>• Scales and grid system</li> <li>• Topographical forms and technical terms</li> </ul>
<p><b>Unit-4 : Field Craft and Battle Craft</b>  Aim: To teach cadets elementary field craft and battle craft  Scope: Basic field craft and battle craft</p> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Judging distance</li> <li>• Description of ground</li> <li>• Field signals</li> <li>• Use of ground and movement</li> <li>• Selection of formations (Section formation)</li> </ul>
<p><b>Unit-5: Communication</b>  Aim: To introduce cadets to the latest trends in the field of communications  Scope: Types of communications and future trends</p> <ul style="list-style-type: none"> <li>• Importance of communication</li> <li>• Means of communication</li> </ul>

### **Specialized Subject (Navy)**

<p><b>Unit-1: Naval Orientation</b>  Aim: To impart training on Naval Organization.  Scope: History of Indian Naval Organizations, Rank structure, Indo-Pak War- 1971 etc.</p> <ul style="list-style-type: none"> <li>• History of the Indian Navy (Gallantry Award Winners)</li> <li>• Organization of IN- NHQ, Commands and Ships</li> <li>• Organization on Board a Ship</li> <li>• Survival and Rescue-Life Safety Items onboard Ship, Life Raft</li> <li>• Life Boats and Distress Signals</li> </ul>
<p><b>Unit-2: Naval Communication</b>  Aim: To impart basic knowledge of Naval Communication.  Scope: Introduction to visual communication.</p> <ul style="list-style-type: none"> <li>• Introduction to Naval Communication</li> <li>• Phonetic Alphabet - Introduction and use</li> </ul>
<p><b>Unit-3: Seamanship</b>  Aim: To impart basic knowledge about Seamanship.  Scope: Introduction to rigging, anchor work, parts of boats and accessories etc.</p> <ul style="list-style-type: none"> <li>• Rigging</li> <li>• Bends and Hitches: Reef Knot, Half Hitch, Clove Hitch,</li> <li>• Rolling Hitch, Timber Hitch, Bowline, Round Turn and</li> <li>• Two Half Hitches and Bow Line on the Bight and its basic element</li> </ul>

**Unit-4: Ship and Boat Modeling**

Aim: To provide knowledge about Ship Modeling

Scope: Materials used in different types of models

- Principles of Ship Modeling
- Reading of a Ship Drawing of a Model
- Views in blueprint
- Measurement of superstructure and hull

## Specialized Subject (Air Force)

**Unit-1: General Service Knowledge**

Aim: To impart basic knowledge of IAF Scope: History and Organization of IAF

- Development of Aviation
- History of IAF

**Unit-2: Air Campaigns**

Aim: To impart basic knowledge of Air Campaigns

Scope: History and Motivation.

- Indo-PakWar-1971
- Operation Safe Sagar

**Unit-3: Aero-modeling**

Aim: To provide knowledge about Aero Modelling

Scope: History of aero modelling, materials used in different types of models

- History of Aero-modelling

**Unit-4: Principles of Flight**

Aim: To introduce principles of flight

Scope: To impart knowledge about basic principles on which aviation is based

- Introduction
- Glossary of Terms

**Unit-5: PartsofAircraft**

Aim: To provide knowledge of Aircraft Parts

Scope: Knowledge about the parts of aircraft to be flown

- Parts of Aircraft

**Unit-6: Aircraft Particulars**

Aim: To provide knowledge of Aircraft Instruments

Scope: Knowledge about the aircraft to be flown including checks and procedures

- Aircraft Particular Type, Specific

**Unit-7: Airfield Layout**

Aim: To provide knowledge of Airfields

Scope: Knowledge about the airfields to be flown including checks and procedures Airfield Layout

**Unit-8: RT Procedure**

Aim: To provide knowledge of wireless communication.

Scope: Knowledge about the communication is required for flying aircraft

- RT Procedure

# NATIONAL CADET CORPS (N.C.C) – CLASS X - (CODE: 076)

2021-2022

## Common Subject

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Scope: Introduction, aims, organization and general information about NCC

- Aims and Objectives of NCC
- Organization and Training and NCC Song
- Incentives of Joining NCC

### **Unit-2 : National Integration and Awareness**

Aim: To inculcate sense of patriotism, secular values and motivate cadets to contribute towards nation building through national unity and social cohesion

Scope: The concepts of National Interests, Objectives and integration, Unity in diversity and cultural heritage of India

- Freedom Struggle and Nationalist Movement in India
- Unity in Diversity
- Famous Leaders of India
- Contribution of Youth to Nation Building

### **Unit-3 : Civil Affairs**

Aim: To train Cadets to assist Civil administration in performance of selective duties during disasters

Scope: Basic information about civil defense organization and its duties, maintenance of essential services and providing assistance to civil administration in various types of emergencies during national disasters

- Civil Defense Organization and its duties/ NDMA
- Role of NCC during Natural Hazards/ Calamities
- Fire Service and Fire Fighting

### **Unit-4 : Drill**

Aim: To inculcate a sense of discipline, improve bearing, smartness, ant turnout and to develop the quality of immediate and implicit obedience to orders

Scope: All important basic aspects of drill including ceremonial drill, drill with arms and words of command Drill without Arms

- General and Words of Command
- Attention, Stand at Ease and Stand Easy, turning and inclining at the halt
- Saluting at the halt
- Getting on parade, dismissing and falling out
- Turning on the march and wheeling
- Individual word of command

### **Unit-5 : Weapon Training**

Aim: To give elementary knowledge about rifles

Scope: Basic knowledge about rifle and firing

- Characteristics of a rifle/rifle ammunition and its fire power
- The lying position and Holding
- Aiming, range and figure target
- Trigger control and firing a shot
- Range precautions and safety precautions
- Short range firing

### **Unit-6 : Adventure Training**

Aim: To inculcate a sense of adventure and develop confidence, courage and determination

Scope: To expose cadets to various adventure activities

- Trekking including selection of route and administrative planning

- Rock Climbing

**Unit-7 : Personality Development and Leadership**

Aim: To develop an all-round dynamic personality with adequate leadership traits to deal/ contribute effectively in all walks of life

Scope: Basic subjects of leadership with emphasis on self-awareness, life/soft skills, time management and character building

- Introduction to Personality development
- Factors influencing/ shaping personality: Physical, Social, Psychological and Philosophical
- Critical and creative thinking
- Communication skills: group discussions/ lectures
- Effects of leadership with historical examples
- Problem solving skills
- Interview Skills
- Importance of group and team work
- Effective use of time
- Coping with stress/ emotions

**Unit-8 : Social Awareness Community Development**

Aim: To teach cadets the values and skills involved in providing voluntary Social Service

Scope: Understanding of social service and its needs, knowledge about the weaker sections of our society and their requirements, about NGOs and contribution of youth towards social welfare

- Literacy enhancement and poverty alleviation
- Contribution of youth towards social welfare
- Civic responsibilities
- Drug abuse and trafficking
- Causes and prevention of HIV/AIDS, Role of Youth
- Corruption
- Social evils viz. dowry/ female foeticide/ child abuse and trafficking etc.
- Traffic control organization and anti-drunken driving
- Provisions of child Act

**Unit-9: Health and Hygiene**

Aim: To instill respect and responsibility towards personal health and hygiene

Scope: Basic information of the human body, maintenance of health and hygiene, sanitation, disease and an elementary knowledge of First Aid and Nursing

- Structure and functioning of the human body
- Infectious and contagious diseases and its prevention
- Basics of first aid in common medical emergencies
- Wounds and fractures
- Introduction to yoga and exercise

**Unit-10 : Environment Awareness and Conservation**

Aim: To sensitize the cadets on natural resource conservation and protection of environment

Scope: Basic understanding of environment in general and waste management in particular, energy conservation, pollution control and wildlife conservation in particular

- Natural resources – conservation and management
- Water conservation and rain water harvesting
- Waste management
- Pollution control water, air, noise, soil

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- Modes of entry into Army

### **Unit-2: Military History**

Aim: To provide knowledge of renowned Military Generals, PVCs and Indo-Pak Wars Scope: Introduction to biographies, famous Indian battles and gallantry awards

- Indian Army War Heroes
- Study of battles of Indo-Pak war 1965, 1971 and Kargil

### **Unit-3: Map Reading**

Aim: To teach cadets elementary map reading

Scope: Basic understanding of maps, sheets and map reading instruments and development of capability to use them to carry out simple Map Reading

- Introduction to types of Maps and conventional signs.
- Topographical forms and technical terms
- Cardinal points and Types of North
- Types of bearings and use of service protractor

### **Unit-4 : Field Craft and Battle Craft**

Aim: To teach cadets elementary field craft and battle craft

Scope: Basic field craft and battle craft

- Introduction
- Judging distance
- Description of ground
- Observation, camouflage and concealment
- Field signals
- Use of ground and movement
- Selection of formations (Section formation)

### **Unit-5: Communication**

Aim: To introduce cadets to the latest trends in the field of communications

Scope: Types of communications and future trends

- Means of communication

## Specialized Subject (Navy)

### **Unit-1: Naval Orientation**

Aim: To impart training on Naval Organization.

Scope: History of Indian Naval Organizations, Rank structure, Indo-Pak War- 1971 etc.

- Rank Structure and Badges- PBOR to MCPO and Equivalent
- Rank Structure and Badges- Officers and equivalent
- Mode of entry into IN

### **Unit-2: Naval Communication**

Aim: To impart basic knowledge of Naval Communication.

Scope: Introduction to visual communication.

- Semaphore, use of semaphore, introduction of various letter position, Reading of semaphore message,
- Transmission of semaphore message

**Unit-3:Seamanship**

Aim: To impartbasicknowledge about Seamanship.

Scope: Introduction torigging, anchor work,partsof boatsand accessoriesetc.

- Rigging
- Fundamentalsof Steering- Steering orders, reportsand alterationofcourse
- PartsofaSail- typesofsails
- Partsof Whaler and Oar- Pullingorders
- PartsofaCadetClass Dingy- sailingterms

**Unit-4: Navigation**

Aim: To impart basic knowledge to Naval Communication. Scope: Introduction to visual communication

- Uses of Maps and Charts and its purpose
- Instruments required for chart work
- Markings on Chart, Light houses, buoys

**Unit-5: Ship and Boat Modelling**

Aim: To impart basic knowledge about Ship Modelling to cadets

Scope: Basic knowledge about reading of Diagrams and constriction of Ship Models

- Practical Training on Static Models
- Preparation of hull construction
- Preparation of super structure

**Specialized Subject (Air Force)**

**Unit-1 :Air Campaigns**

Aim: To introduce Air Campaigns of Air Force

- Indo-PakWar-1971
- Operation Safe Sagar

**Unit-2:AircraftRecognition**

Aim: To in traduce various aircrafts of the Air Force

Scope: Types, roles, variants of aircraft of the IAF

- Fighters
- Transport
- Helicopters

**Unit-3: Aero-modeling**

Aim: To provide knowledge about Aero Modelling

Scope: History of aero modelling, materials used in different types of models

- Materials used in Aero-modelling
- Types of Aero-models
- Flying/ Building of Aero-models

**Unit-4:Atmosphere**

Aim: To give basic knowledge of Atmosphere

Scope: Use of basic knowledge of Atmosphere

- Atmosphere

**Unit-5:Maps**

Aim: To give basic knowledge of Air Navigation

Scope: Use of Maps and fundamentals of Map Reading from the air

- Maps



