

## Class-XII

### NATIONAL CADET CORPS (N.C.C.)

1. The training curriculum of the NCC is primarily focused towards character building, inculcating leadership qualities and skill enhancement through structured academic syllabi, practical training and opportunity of exposure/interaction beyond a cadet's immediate environment and thereby enabling them for a brighter and progressive future.

2. **The Aim of NCC is as listed below:**

- (a) To develop character, comradeship, discipline, secular outlook, spirit of adventure and the ideals of selfless service amongst the youth of the country.
- (b) To create a human resource of organized, trained and motivated youth, to provide leadership in all walks of life and always available for the service of the nation.
- (c) To provide a suitable environment to motivate the youth to take up a career in the Armed Forces.

**3.NCC Syllabus.** The syllabus includes common subjects for all three wings and specialized subjects with respect to Army, Air Force and Navy. The common subjects comprise of approximately 70% and specialized service is 30% of the curriculum.

#### 4.Evaluation System

Recommended evaluation pattern for NCC as an additional / elective subject in the schools affiliated with PSEB is as follows:

- Class XI Examination be conducted by respective school.
- Class XII Examination Question paper of theory will be prepared by PSEB. Whereas, preparation of practical question paper and examination of practicals will be conducted at school level.
- There will be total 9 periods in a week for subject of NCC (6 periods for theory and 3 periods for practical)

#### 5. Reference Books :

- Cadet Hand Book (Common Subjects), Published by DG NCC.
- Cadet Hand Book (Specialized Subjects), Published by DG NCC.

## **Common Subjects**

| <b>Sr. No.</b> | <b>Unit</b>                                | <b>Contents</b>                                                                                                                                                                       |
|----------------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1              | The NCC                                    | Duties of NCC cadets, NCC Song                                                                                                                                                        |
| 2              |                                            | NCC camps- types and Conduct                                                                                                                                                          |
| 3              | National Integration and Awareness         | Unity in Diversity and role of NCC in nation building                                                                                                                                 |
| 4              |                                            | Threats to national security, Freedom struggle and nationalist movement in India                                                                                                      |
| 5              | Drill                                      | Rifle ke saath savdhan, vishram aur araam se                                                                                                                                          |
| 6              |                                            | Rifle ke saath parade par aur saj                                                                                                                                                     |
| 7              |                                            | Rifle ke saath visarjan, line tod                                                                                                                                                     |
| 8              |                                            | Bhoomi shastra aur uthayo shastra                                                                                                                                                     |
| 9              |                                            | Bagal shastra aur baaju shastra                                                                                                                                                       |
| 10             |                                            | Salaami shastra                                                                                                                                                                       |
| 11             |                                            | Squad drill                                                                                                                                                                           |
| 12             |                                            | Guard mounting                                                                                                                                                                        |
| 13             |                                            | Guard of honour                                                                                                                                                                       |
| 14             | Weapon Training                            | Range procedure and theory of group                                                                                                                                                   |
| 15             |                                            | Short range firing (7.62 SLR)- Loading, cocking and unloading, Positions of holding and aiming, Group and snap shooting                                                               |
| 16             | Personality Development and Leadership     | Group Discussion - Stress and emotions, change your mind set, interpersonal relations and team work, Time management , civic sense                                                    |
| 17             |                                            | Carrier counseling, SSB procedure and interview skills                                                                                                                                |
| 18             |                                            | Public speaking                                                                                                                                                                       |
| 19             |                                            | Case Studies - Mahatma Gandhi, Shivaji, APJ Abdul Kalam, Deepa Malik, Maharana Pratap, Ratan Tata, Jhansi ki Rani, Narayan Murti, Prakash Padukone, Tipu Sultan, Rabindra Nath Tagore |
| 20             | Disaster Management and Civil Affairs      | Fire Service and fire fighting, Civil defence and NDMA                                                                                                                                |
| 21             |                                            | Initiative training, organising skills, do's and don'ts, natural disasters, man made disasters                                                                                        |
| 22             | Social Awareness and Community Development | Road/Rail travel safety                                                                                                                                                               |
| 23             |                                            | Cyber and mobile safety awareness                                                                                                                                                     |
| 24             |                                            | Civic responsibilities                                                                                                                                                                |
| 25             |                                            | Causes and preventions of HIV/AIDS                                                                                                                                                    |
| 26             | Health and Hygiene                         | First aid in common medical emergencies , treatment and care of wounds, Infectious and contagious diseases and its prevention                                                         |
| 27             |                                            | Introduction to yoga and exercises                                                                                                                                                    |
| 28             | Adventure and Obstacle Training            | Obstacle training                                                                                                                                                                     |
| 29             | Environment Awareness and Conservation     | Water conservation and rain water harvesting                                                                                                                                          |

### **Specialized Subject : Army**

| Sr. No. | Unit                                                | Contents                                                                                                                                               |
|---------|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.      | Armed Forces                                        | Armed Forces, Army, CAPF, Police<br>*Basic organization of Armed Forces                                                                                |
| 2.      | Map Reading (MR)                                    | Conduct to MR                                                                                                                                          |
| 3.      |                                                     | *Google & Tourist Maps and Apps<br>* Prismatic compass and its use and GPS                                                                             |
| 4.      | Field Craft and Battle Craft (FC & BC)              | Introduction to Field Craft                                                                                                                            |
| 5.      |                                                     | Indication of Landmark                                                                                                                                 |
| 6.      |                                                     | Observation, camouflage & Concealment                                                                                                                  |
| 7.      | Introduction to Infantry Weapons & Equipments (INF) | Organisatyon of Infantry Battalion & its Weapons<br>* Characteristics of 7.62mm SLR Rifle, ammunition, fire power, Stripping ,assembling and cleaning. |
| 8.      | Military History (MH)                               | Biographies of Renowned Generals                                                                                                                       |
| 9.      |                                                     | Study of Battles - Indo Pak war 1965, 1971, & Kargil                                                                                                   |
| 10.     | Communication (C)                                   | Basic Communication Procedure<br>*Types of Communication<br>* Characteristics of Wireless technology (mobile, Wi-Fi etc.)                              |

### **Specialized Subject:Air Force**

| Sr. No. | Unit                      | Contents                                            |
|---------|---------------------------|-----------------------------------------------------|
| 1       | General Service Knowledge | Aircraft recognition                                |
| 2       |                           | Latest trends and acquisitions                      |
| 3       |                           | 1971 War, operation safed sagar, operation meghdoot |
| 4       | Principles of Flight      | Forces acting on aircraft                           |
| 5       | Airmanship                | Aviation medicine                                   |
| 6       | Aero Engines              | Aircraft control                                    |
| 7       |                           | Parts of aircraft                                   |
| 8       | Air frames                | Landing gear                                        |
| 9       | Instruments               | Introduction to RADARs                              |
| 10      | Aircraft Particulars      | Aircraft particular type specific                   |
| 11      | Aero Modeling             | Building and flying of aero models                  |
| 12      | Flying                    | Effects of flight control                           |
| 13      |                           | Effects of weather                                  |

### **Specialized Subject:Navy**

| <b>S. No.</b> | <b>Unit</b>                            | <b>Contents</b>                                                               |
|---------------|----------------------------------------|-------------------------------------------------------------------------------|
| 1             | Naval Orientation and Service Subjects | Naval expeditions and campaigns                                               |
| 2             |                                        | Rank profiles of officers and sailors and their equivalents in other services |
| 3             | Naval Communication                    | Semaphore                                                                     |
| 4             |                                        | Wearing of flags                                                              |
| 5             | Seamanship                             | Navigation tactics and methods                                                |
| 6             | Rigging                                | Bends and hitches                                                             |
| 7             |                                        | Introduction to shackles                                                      |
| 8             | Boat Work                              | Instructions on boat pulling                                                  |
| 9             |                                        | Steering of boats under oars                                                  |
| 10            |                                        | Whaler sailing instructions                                                   |
| 11            | Ship and Boat Modeling                 | Maintenance and care of tools                                                 |
| 12            | Search and Rescue                      | SAR organization in the Indian Ocean                                          |
| 13            | Swimming                               | Floating and free style swimming                                              |