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Curriculum

Military Studies Senior Secondary Course

Rationale

Military training is a process, which intends to establish and improve the capabilities of military personnel in their respective roles. The primary forms of military training is recruit training, which makes use of various conditioning techniques to re-socialize civilians into the military system, ensure that they will obey all orders without hesitation, and teach basic military skills. The training methodology in the Indian Armed Forces is to equip the soldier with individual skills in order to overcome battle field situations and is therefore, primarily confined to battle drills and procedures. However, the rapid change in the technology and future modes of conflict demands the soldiers to be knowledgeable to deal with situations of complex nature in peace and conflict and be capable of taking informed decision. Their exposure to Military Diplomacy by way of troop contact when India and other nations practice military exercises makes it imperative to know more than weapon handling.

Our nation, like all developed nations, requires expertise in handling and advising the Government in matters military and security. Government is beginning to engage Academia in policy formulation. This course can well form the foundation for strategic thinking on security and therefore its importance to students at the school level. At the Senior Secondary level, a child should carry the truthful perception of matters military. The curriculum aims at bridging the gaps in knowledge about the country's military power and distinguish between the various aspects of providing security to the people and the country. The senior secondary Military Studies course paper will provide knowledge regarding basics of security concepts concerning the defence forces organisation, role during war and peace, an insight into India's relations with her neighbours. This course shall also help the student to get a glimpse of the present equipment profile of Indian Armed Forces, their capabilities, futuristic technological developments in the military field including Nuclear, Biological and Chemical (NBC) Warfare.

Objectives

The main objectives of this course are :

- In service soldier student will generate capability and skills, useful in service and for resettlement in civil life.
- Examine and incorporate military security concepts, practices in order to

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improve educational and professional standards.

- Knowledge derived from the course contents will enable the students to gain a holistic idea of military studies as a subject and its application in governance.
- To make the students understand the various aspects of military organization, role, tasks undertaken by the armed forces.
- To understand India's relationship with her neighbours and its importance.
- To understand the basic principles of the technological developments in the military field.

Target Group

The Target group includes the following:

- (a) Combatant and Non-Combatant (tradesmen) members of Armed Forces who have studied up to Class 10.
- (b) Civilian students, pan India, who opts for NIOS model of schooling.

Approach

Being a new subject and the fact that there is no precedence of learning the contents in early schooling, there is a definite necessity to structure it in a logical sequence and keep the terms and jargons connected with national security and military, in its simplistic form. Therefore, the modules will be designed to answer the basic questions of What?; Why?; And How?

Pre-Requisites

This course is designed for those who have passed 10th standard and would like to continue the education for senior secondary education from NIOS.

Equivalency

This course leads to senior secondary level (equivalent to intermediate) on par with those by other boards like state board, CBSE, ICSE.

Medium of Instruction

English (The Course shall be translated in Hindi and regional medium)

Duration of the course

The duration of the course shall be one year, with a maximum of 5 years to complete the course

Weightage

Theory : 100%

TMA : 20% of Theory

Teaching Methodology

Theory : Printed self learning material with face-to-face contact sessions for academic support.

Assignment : One assignment shall be administered for continuous assessment.

Evaluation Procedure

Theory Paper : 100 marks

TMA : 20% of the Theory

Pass Criteria : 33%

Course Structure :

Distribution of Marks and Study hours for each module are as follows :

Sr.	Name of the Module	Marks	Study Hours
1.	Military Studies	13	31
2.	Structure and Role of the Forces	13	31
3.	Security and Geo-Strategy	14	34
4.	Indian Armed Forces : Weapons equipment and modrnisation	20	48
5.	Warfare and its types	20	48
6.	Armed Forces and its role in Internal Security	20	48
	Total	100	240

Course Description

Module 1 - Military Studies

Weigtage : 13 Marks

Study Hours : 31

Approach

Military Studies is also referred as Military Science and is a study of the structure and organization of the Armed Forces and their interplay in matters of National Security. The senior secondary level curriculum is developed with the basic objectives of a



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basic understanding of the Armed Forces of our country and includes cultivation of interest in core knowledge of security affairs of India. This can well form the stepping-stone and a foundation for higher learning in National security. The subjects included in the module are at the very basic level of understanding. Pictorial representation wherever required has been used to enhance the learning value.

- 1 **Importance of Military Studies**
- 2 **Concept and Evolution of Military Studies**
- 3 **Contemporary Need of Military Studies**

Module 2 - Structure and Role of the Armed Forces

Weightage : 13 Marks

Study Hours : 31

Approach

As a continuum to the module about our Armed forces in the Military Studies Course, this module adds the existing texts by way of organisations of the services, Special Forces and Para Military forces, their role and structure. A lesson on Special Forces was decided to be introduced since their utilization is more visible given India's security situation. The structure and organisation makes the student understand how a force is shaped to fulfill its role and responsibilities.

1. **Armed Forces**
2. **Special Forces**
3. **Para Military Forces**

Module 3 - Security and Geo-Strategy

Weightage : 14 Marks

Study Hours : 34

Approach

The module titled Security and Geo-Strategy aims to provide an overview of India's geo-strategic importance, its varied natural resources and economic potentialities. It will help to explain the strategic importance in terms of its geographical location and will further explore the natural and human resource potentials of the country. The module also aims to explain the economic advantages of the resources and will provide an overview of the strategic relations with neighboring countries. The maritime security problems of India are also highlighted in this module.

1. **Geo-Strategy**
2. **Geo-Politics**



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3. Maritime Security

Module 4 - Indian Armed forces : Weapons and War Equipment and Modernisation

Weightage : 20 Marks

Study Hours : 48

Approach

The Indian Armed Forces have a variety of modern weapons and battle support war equipment. The module aims at providing an overview of all the weapons and equipment in use by the Army, Navy and The Air Force. It is intended to give an idea of the weapon system within the purview of public information. No classified equipment or weapons have been included in the lessons. While explaining the weapon, a brief of the role of the force is also highlighted so that a correlation is possible, leading to better assimilation. The future trends include modernization plans, the need to modernize as well as glimpses of some weapon system.

1. Role and Equipment used by the Armed Forces
2. Modernization of the Indian Armed Forces

Module 5 - Warfare and its Types

Weightage : 20 Marks

Study Hours : 48

Approach

As a continuation of the lesson on conventional weapons, India's possession of nuclear weapons makes it mandatory to have the theoretical knowledge of the potential of Nuclear, Biological and Chemical weapons. The lesson gives an introductory idea of the nuclear reaction, its application as a weapon by the Armed Forces. The effects of an NBC strike and NBC defence are highlighted with appropriate photographs and videos for better assimilation. In addition, the new world of cyber space and its potential as hard power is a must learn subject today. Basics of cyber space and threats, along with necessary defence are enumerated.

1. Nuclear Warfare
2. Chemical Warfare
3. Biological Warfare
4. Cyber Warfare

Module 6- Armed Forces its Role in Internal Security

Weightage : 20 Marks

Study Hours : 48

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Approach

Armed Forces are usually associated only with war. The useful utilization of the armed forces for the society is an important adjunct to the knowledge. Armed Forces play a crucial role in the upliftment of society. This module covers the aspect of peacekeeping operations conducted by UN and our participation and current deployment. The Module also covers the role of armed forces in disaster management and internal security. Suitable photographs and web links for audio-video projections have been included to enhance retention of knowledge gained. A logical step by step of explanation of the topic has been followed in simple language.

1. **Armed Forces in peace keeping**
2. **Armed forces in disaster Management**
3. **Armed forces in Internal Security**