

**ANEKANT EDUCATION SOCIETY'S  
TULJARAM CHATURCHAND COLLEGE  
OF ARTS, SCIENCE AND COMMERCE,  
BARAMATI (AUTONOMOUS)  
DEPARTMENT OF DEFENCE AND  
STRATEGIC STUDIES**



**CURRICULUM FOR  
FIRST YEAR BACHELOR OF ARTS  
2022 PATTERN**

B. A. First Year CBCS Pattern 2022  
Semester Pattern  
Defence and Strategic Studies

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The following shall be the scheme for examination and teaching for Defence and Strategic Studies subject for B.A. First year

Semester I

Paper No.	Name of the Paper	Type of the paper	Paper Code	Number of Periods per Week	Internal Marks	External Marks	Mark Each Paper	Credits
G-I (A)	Defence Mechanism of India	Theory	UADS111(A)	04	40	60	100	03
G-I (B)	Key Concept of National Security	Theory	UADS111(B)	04	40	60	100	03

Semester II

Paper No.	Name of the Paper	Type of the paper	Paper Code	Number of Periods per Week	Internal Marks	External Marks	Mark Each Paper	Credits
G-I (A)	Defence Mechanism of India	Theory	UADS111(A)	04	40	60	100	03
G-I (B)	Key Concept of National Security	Theory	UADS111(B)	04	40	60	100	03

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**Subject: Defence and Strategic Studies (G1- A)**

**Paper Title: Defence Mechanism of India**

**Class: FYBA, 2022 Pattern**

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**Learning Objective:**

- The basic Learning Objective of this paper is to make aware the students about India's Defence structure.
- This paper covers overall picture of India's Defence structure which encompasses evolution of defence forces, principle of defence administration as well as role of Armed Defence forces in internal and external security.
- To provide information of all wings of Indian Armed Forces and related services
- To introduce students' division and functions of different wings of Military, Paramilitary, and other institutions

**Learning Outcome:**

A candidate who has completed his or her qualification will have the following learning outcome in terms of Knowledge, skills, and concepts.

- Student has knowledge on various Defence forces and their function.
- Functioning of different Defence institutions.
- Through knowledge of India's higher Defence organization and structure.
- Student will be able understand the decision-making process over the security issues in India
- Student will be able to analyze the Defence operations performed by India from the point of view of armed forces.
- Student will get to know future job opportunities and how join the paramilitary and armed forces.

**Semester I**

**Credit: 3**

**No of Lectures: 48**

**Unit 1: Military organization and principles of Defence Administration (10 L)**

**Unit 2: Development of Indian Armed Forces after 1947. (09 L)**

2.1 post-Independence development in Indian army

2.2 post-Independence development in Navy

2.3 post-Independence development in Air force

**Unit 3: Higher Defence Organization of India (09 L)**

3.1 Indian Constitution and Armed Forces

3.2 Cabinet Committee on Security

3.3 Cabinet Committee on Political Affairs

3.4 National Security Council

3.5 Strategic Force Command and Nuclear Authorities

3.6 Defence Planning Committee

**Unit 4: Defense Mechanism of the Indian Armed Forces (11 L)**

4.1 Chiefs of staff committee

4.2 Organization of Army, Navy and Air Headquarters and its Commands

4.3 Andaman and Nicobar Command and Strategic Command

- 4.4 Chief of Defence staff
- 4.5 Introduction to Theatre Command

**Unit 5: Intelligence Agencies –**

- 5.1 RAW
- 5.2 IB
- 5.3 Military Intelligence

**Semester II**

**Credit: 3**

**No of Lectures: 48**

**Unit 1: Fighting Arms (14 L)**

- 1.1 Infantry
- 1.2 Characteristics and Role of Infantry
- 1.3 Infantry Divisions and Infantry Battalion Organization
- 1.4 Armored Corps
- 1.5 Characteristics and role of Armored Corps

**Unit 2: Supporting Arms (09 L)**

- 2.1 Artillery: Features, and Role
- 2.2 Engineers Corps: Characteristics and Role
- 2.3 Signal Corps: Characteristics and Role

**Unit 3: Indian Missiles (13 L)**

- 3.1 India's Missile Programme
- 3.2 Types of Missiles
- 3.3 Missile Subsystems
- 3.4 Current Indian Missiles

**Unit 4: Indian Navy (06 L)**

- 4.1 Characteristics and Role
- 4.2 Various types of battleships in Indian Navy
- 4.3 Coast Guard

**Unit 5: Indian Air force (06 L)**

- 5.1 Characteristics and Role
- 5.2 Various types of aircrafts in Indian Air Force

**References:**

1. Ashok Kapur, India- to regional to world power, Routledge Taylor, and Francis group, 2006
2. Major K C Praval, Indian Army After Independence, Tlic lancer publishers and distributors, New Delhi 110016
3. Lt. Col. Gautam Sharma, Nationalism of the Indian Arin (1885-1997), Allied publishers limited, 1996
4. Harsh Pant, the rise of the Indian Navy, Ashgate Publishing Limited, England
5. William Wild, Supporting Combined-Arms Combat Capability with Shared Electronic Maintenance Facilities, Rand Corporation, 1990
6. Simone Payment, Frontline Marines, the Rosen Publishing Group Inc, New York.
7. Lt. Col. M. D. Sharma, Paramilitary Forces of India, Kalpaz publications, 2008
8. Fundamentals of Guided Missiles - rear Admiral Sr Mohan, vSM (retd) Defence research and Development Organization Ministry of Defence, New Delhi – 110 011, 2016
9. India's Strategic Nuclear and Missile Programmes A baseline study for non-proliferation compliance Public Release Project Alpha Centre for Science and Security Studies King's College London 2017

**Readings:**

1. Ministry of Defense, Annual Reports
2. Defense Yearbook (Annual)  
<https://nptel.ac.in/courses/101108056/module4/lecture8.pdf>
3. online Resources:
  - IDSA.com
  - VIF. Com
  - Clwas. Com
  - Orf.com
  - Usib.in

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**Subject: Defence and Strategic Studies (G1- B)**

**Paper Title: Key concept of National Security**

**Class: FYBA, 2022 Pattern**

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**Learning Objective:** Objective of this paper is to make aware the students about following key points.

- The basic objective of this paper is to make aware the students about various key concepts of national security.
- To make aware of various conventional and non-conventional threats.
- To make aware of power rivalry in Indian Ocean region.
- This paper covers overall picture of India's National Security which encompasses the internal, external challenges to India's National Security along with its dimensions.

**Learning Outcome:** A candidate who has completed his or her qualification will have the following learning outcome in terms of Knowledge, skills, and concepts.

- Students will get through knowledge of India's internal and external security environment
- Students will be able to understand various key concept of national security.
- Students will be able to understand various conventional and non-conventional threats.
- Student will be able to understand power rivalry in Indian Ocean region.
- Student will be able to understand presence of superpowers in Indian Ocean and its impact over India's security environment.

**Semester I  
Concepts of National Security**

**Credit: 3**

**No of Lectures: 48**

**Unit 1: Introduction to National security (16L)**

- 1.1 Meaning and Concept
- 1.2 Determinants of National Security
- 1.3 Challenges of Internal and External Security

**Unit 2: Conceptual Analysis (16L)**

- 2.1 Nation – State
- 2.2 National Power
- 2.3 National Interest
- 2.4 Conventional and Non-conventional threat
- 2.5 Insurgency and counter Insurgency

**Unit 3: Alternative Model of international security (16L)**

- 3.1 Balance of power
- 3.2 Collective security
- 3.3 Collective Defence
- 3.4 Nonalignment

**Semester II  
National Security from Indian Perspective**

**Credit: 3**

**No of Lectures: 48**

**Unit 1 Threats from Immediate neighbors (20L)**

- 1.1 Pakistan

- 1.1.1 Brief History
- 1.1.2 War of 1947-1948
- 1.1.3 War of 1965
- 1.1.4 War of 1971
- 1.1.5 War of 1999
- 1.2 China
  - 1.2.1 Historical Background
  - 1.2.2 War of 1962
  - 1.2.3 Doklam Crisis-2017
  - 1.2.4 Galvan Crisis-2022

**Unit 2: Conventional Non-Conventional Threats to India (20L)**

- 2.1 Water
- 2.2 Energy
- 2.3 Food
- 2.4 Environment
- 2.5 Cyber

**Unit 3: India and Indian Ocean (06 L)**

- 3.1 India's extended neighborhood
- 3.2 Geographical and strategic importance
- 3.3 India's Maritime Security
- 3.4 India's Strategic role in Indian Ocean

**References:**

1. Balchandran Vappala, National Security and Intelligence Management/a New Paradigm, New Delhi, Jan 2014.
2. Behara Laxman K. India's Defence Industry an agenda for making in India(ed), IDSA, New Delhi, 2016.
3. Das Gautam, Insurgency in Northeast India, Pentagon Press, New Delhi, 2013
4. Deshpande Vikrant, Hybrid Warfare: The Changing Character of Conflict, Pentagon Press, New Delhi, 2018.
5. Eugenie de Silva, National Security and Counterintelligence in the Era of Cyber Espionage (Advances in Digital Crime, Forensics, and Cyber Terrorism), Vargina Research Institute USA, 2016.
6. Kumar Ashok, Challenges to Internal Security of India, McGraw Hill Education (India) Private Limited, Chennai, 2017.
7. Kumar Satish, India's National Security, Taylor & Francis, New Delhi, 2016.
8. Nayak Nihar R., Understanding India's Maoist, IDSA, New Delhi, 2014.
9. Sing A.K. (ed), Military Strategy for India in the 21st Century, KW Publisher Pvt. Limited, New Delhi, 2019.
10. Shevendra Sahni, Perspectives on India's National Security Challenges: External and Internal Dimensions, Pentagon Press, New Delhi, 2016

**Online Resources:**

- 1) IDSA.com 2) VIF. Com 3) Clwas.Com 4) Orf.com 5) Usib.in