

**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

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

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	UADS121(A)	04	40	60	100	03
G-I (B)	Key Concept of National Security	Theory	UADS121(B)	04	40	60	100	03

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TULJARAM CHATURCHAND COLLEGE OF ARTS, SCIENCE AND COMMERCE,
BARAMATI (Autonomous)
Subject: Defence and Strategic Studies
Paper Title: Defence Mechanism of India
Paper Code -UADS121(A)
Class: FYBA, 2022 Pattern

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 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 Year book (Annual)
<https://nptel.ac.in/courses/101108056/module4/lecture8.pdf>
3. Online Resources:

IDSA.com
VIF.Com
CIwas. Com
Orf.com
Usib.in

Anekant Education Society's
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Subject: Defence and Strategic Studies
Paper Title: Key concept of National Security
Paper Code -UADS121(B)
Class: FYBA, 2022 Pattern

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 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-2020

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