



**DEFENCE, STRATEGIC AND GEO POLITICAL STUDIES (SCHOOL OF EARTH
SCIENCE)
(SCHOOL OF EARTH SCIENCE)**

SEMESTER	PAPER CATEGORY	CREDITS	PAPER TITLE	PAPER CODE
SEMESTER - V	Core Subject A	04	Defence Mechanism of India	CCDSSA 05
	Core Subject B	06	-	
	LAB-Practical	02	Practical	CCDSP 05
	Vocational Course/Field Visit/ Entrepreneurship Skills	04	Border Management	VC/FV/ESDSS 01
	Extracurricular Course/Compulsory Course	02	Cultural, Traditional, and Moral Values	
	Languages-I	02	(Indian, Modern, Regional Language-I)	
SEMESTER - VI	Core Subject A	04	Evolution of Strategic Thought	CCDSSA 06
	Core Subject B	06	-	
	LAB-Practical	02	Practical	CCDSP 06
	Vocational Course/Field Visit/ Entrepreneurship Skills Based on CS-1 or CS-2	04	Defence Tourism	VC/FV/ESDSS 02
	Communication Skills /CC	02	Based on Developing Soft Skills	
	Languages-II	02	Indian, Modern, Regional Language-II	

THIRD YEAR (DEGREE COURSE)
SEMESTER-V
DEFENCE MECHANISM OF INDIA

Course Objectives: This paper aims to explore India's defence architecture by examining the structure and roles of its higher defence organisations, the Army, Navy, and Air Force. It seeks to outline their doctrines, histories, recruitment, training, and key platforms. Additionally, it will analyse joint structures and central armed police forces like the BSF and CRPF. This paper strives to provide a clear, engaging overview of India's defence framework and its critical role in ensuring national security.

UNIT I: HIGHER DEFENCE ORGANISATIONS OF INDIA.

1. Power of the President of India in relation of Defence.
2. CCS, NSA and NSAB: Roles and Composition
3. Ministry of Defence: Role, Historical Evolution and Organisational Structure.

UNIT II: INDIAN ARMY

1. Role, Doctrine and Brief History
2. Recruitment Policies and Training Establishments
3. Rank Structure, Organisational Structure, Arms and Services, Units and Formations
4. Major Combat and Support Platforms

UNIT III: INDIAN AIR FORCE

1. Role, Doctrine and Brief History
2. Recruitment Policies and Training Establishments
3. Rank Structure, Organisational Structure, Units and Establishments
4. Major Aviation and Support Platforms

UNIT IV: INDIAN NAVY

1. Role, Doctrine and Brief History
2. Recruitment Policies and Training Establishments
3. Rank Structure, Organisational Structure, Branches, Units and Establishments
4. Major Naval, Aviation and Support Platforms

UNIT-V: JOINT STRUCTURES, PARAMILITARY AND CAPFS

1. CDS and HQ IDS
2. SFC, ANC, AFSOD, DCA, DIA etc.
3. AR, BSF, CG, RR, ITBP, SSB, CRPF, CISF etc.

Suggested Readings:

- Annual Report 2018-19. (2019). Ministry of Defence, Government of India.
- Annual Report 2021-22. (2022). Ministry of Home Affairs, Government of India.
- Doctrine of the Indian Air Force. (2022). Directorate of Operations (IEW), IAF.
- Gupta. (2018). How India Manages Its National Security. Penguin/Viking.
- Indian Army Doctrine. (2004). HQ Army Training Command.
- Indian Maritime Doctrine. (2009). Integrated HQ, Ministry of Defence (Navy).
- Joint Doctrine: Indian Armed Forces. (2017). HQ Integrated Defence Staff, MoD.
- Krishna Rao. (1991). Prepare or Perish: A Study of National Security. Lancer Publishers.
- Thapliyal. (2018). Military History of India. Rupa Publications.

THIRD YEAR (DEGREE COURSE)**SEMESTER-V****PRACTICAL**

Programme/Class: Degree Course	Year: Third	Semester: V
Total No. of Lectures-Tutorials-Practical-30 (60 hours)		
Unit	Topic	No. of Lectures
	Elementary Tactics Upto-Infantry Platoon Level-I	
I	Sand Model: Meaning, Importance and preparing.	06
II	Detailed Study of an Infantry Section including Organization Weapons and Equipments.	08
III	Section Formations: Section in Attack, Section in Defence, Section in Withdrawl	06
IV	Study of Field Craft with reference to the following : a) Ground b) Cover c) Camouflage d) Concealment e) Observation	10
This course can be opted as an elective by the students of following subjects: Open for all		
Suggested Continuous Evaluation Methods: Test with multiple choice questions/short and long answer questions or Record , Viva Voce		

THIRD YEAR (DEGREE COURSE)

SEMESTER-V

Vocational Course/Field Visit/Entrepreneurship Skills

BACHELOR PROGRAMME	
Year: III	Semester:V
Subject: Defence, Strategic and Geo Political Studies	
Type of Paper: Vocational Course/Field Visit/Entrepreneurship Skills (4 Credits Per Course)	
Paper Code : VC/FV/ESDSS01	Paper Name: Border Management
Outline	Visit of Border Area, Border Issues and Challenges and Study of Border Development Programmes.

Vocational Course/Field Visit/Entrepreneurship Skills Outcome: Students will able to understand Border Structure, nature of threats and Challenges also various Border Development Programmes (B.D.P.).

THIRD YEAR (DEGREE COURSE)
SEMESTER-VI
EVOLUTION OF STRATEGIC THOUGHT

Course Objective: The paper examines the development of strategic thought from ancient to modern times, focusing on key military theorists and doctrines, and enabling students to understand the enduring principles and changing contexts of strategy in war and security.

UNIT 1

1. Concept of Strategy and Strategic Thought
2. Concept of Military Strategy

UNIT 2

1. Kautilya's Philosophy of War
2. Sun Tzu and the Art of War

UNIT 3

1. Machiavelli's views on War
2. Clausewitz's Theory of War

UNIT 4

1. John Foster Dulles' doctrine of Massive Retaliation
2. André Beaufre's theory of Nuclear Deterrence

Suggested readings:

- Earle, E. M. (Ed.). (1959). *Makers of modern strategy: Military thought from Machiavelli to Hitler*. Princeton University Press.
- Freedman, L. (2013). *Strategy: A history*. Oxford University Press.
- Gray, C. S. (1999). *Modern strategy*. Oxford University Press.

- Kautilya. (2016). *The Arthashastra* (L. N. Rangarajan, Trans.). Penguin Classics. (Original work ca. 4th century BCE)
- Sun Tzu. (2005). *The Art of War* (S. B. Griffith, Trans.). Oxford University Press. (Original work ca. 5th century BCE)
- Liddell Hart, B. H. (1954). *Strategy* (2nd ed.). Praeger.
- Machiavelli, N. (1992). *The Art of War* (P. Bondanella & M. Musa, Trans.). Oxford University Press. (Original work 1521)
- Machiavelli, N. (2008). *The Prince* (H. C. Mansfield, Trans.). University of Chicago Press. (Original work 1532)
- Clausewitz, C. v. (2008). *On War* (M. Howard & P. Paret, Trans.). Princeton University Press. (Original work 1832)
- Dulles, J. F. (1944). *War or peace*. Harper & Brothers.
- Beaufre, A. (1965). *An introduction to strategy*. Faber & Faber. (Original work, theory of nuclear deterrence)
- Beaufre, A. (1971). *Deterrence and strategy*. Praeger.
- Freedman, L. (1981). *The evolution of nuclear strategy*. Palgrave Macmillan.

THIRD YEAR (DEGREE COURSE)
SEMESTER-VI
PRACTICAL

Programme/Class: Degree Course	Year: Third	Semester: VI
Total No. of Lectures-Tutorials-Practical-30 (60 hours)		
Unit	Topic	No. of Lectures
	Elementary Tactics Upto-Infantry Platoon Level-II	
I	Platoon Formation, Tactical Formation of Platoon, Platoon in Attack, Platoon in Defence, Platoon in Withdrawl.	08
II	Detailed Study of an Infantry platoon including Organization Weapons and Equipments.	10
III	Application of Fire, Fire Control and Fire Control Orders.	06
IV	Verbal Order.	06
This course can be opted as an elective by the students of following subjects: Open for all		
Suggested Continuous Evaluation Methods: Test with multiple choice questions/short and long answer questions or Record ,Viva Voce		

THIRD YEAR (DEGREE COURSE)

SEMESTER-VI

Vocational Course/Field Visit/Entrepreneurship Skills

BACHELOR PROGRAMME	
Year: III	Semester:VI
Subject: Defence, Strategic and Geo Political Studies	
Type of Paper: Vocational Course/Field Visit/Entrepreneurship Skills (4 Credits Per Course)	
Paper Code : VC/FV/ESDSS02	Paper Name: Defence Tourism
Outline	In view of the courses of the Defence, Strategic and Geo Political Studies. The Student are required to visit the installation of military, signification so as to enable them to understand the ground realities.

Vocational Course/Field Visit/Entrepreneurship Skills Outcome: Students will able to understand the installation of military signification and their importance in nation building.