

**SYLLABUS FOR F. Y. B. A. DEFENCE AND  
STRATEGIC STUDIES  
(w.e.f. June 2019)  
Academic Year 2019-20**

**Anekant Education Society's  
Tuljaram Chaturchand College of Arts, Science and  
Commerce, Baramati**

**Autonomous**

**Course Structure for F. Y. B. A. DEFENCE AND STRATEGIC STUDIES**

<b>Semester</b>	<b>Paper Code</b>	<b>Title of Paper</b>	<b>No. of Credits</b>
<b>II</b>	DEF1201A	Defence Mechanism of India - II	3
	DEF 1201B	Military Thinkers - II	3

**Paper Code: DEF1201A**  
**Title of Paper: Defence Mechanism of India-II**  
**Semester-II**

**A) Learning Objectives:**

1. To provide students with full knowledge of all wings of Indian Armed Forces and related services.
2. To introduce understanding of the division of functions between different wings of Military, Paramilitary and other institutions.
3. Students will be able to analyze the defence operations performed by India from the point of view of Armed Forces.
4. To introduce students' division and functions of different wings of Military, Paramilitary, and other institutions
5. To develop the necessary theoretical & experimental knowledge, and aptitude regarding defence technologies and systems.
6. Student will be able to analyze the Defence operations performed by India from the point of view of armed forces.
7. 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.

**B) Learning Outcome:**

- CO1: Understand the characteristics and roles of infantry in military operations.  
CO2: Analyze the organization of infantry at different levels: platoon, company, battalion, brigade, division, and army.  
CO3: Examine the characteristics and roles of the Armored Corps in modern warfare.  
CO4: Explore the characteristics and roles of the Corps of Engineers in supporting military operations.  
CO5: Understand the characteristics and roles of the Corps of Signal in facilitating communication within the military.  
CO6: Understand the objectives and components of India's Missile Program.  
CO7: Understand the characteristics, roles, and limitations of the Indian Navy.

**CONTENT**

**Credit: 3**

**No of Lectures: 48**

Unit 1. Fighting Elements.

(16 L)

1.1 Infantry & Mechanized Infantry.

1.1.1 Characteristics and Role of Infantry.

1.1.2 Organization of Infantry –

Platoon, Company, Battalion, Brigade, Division, Army.

1.1.3 Mechanized Infantry.

1.2 Armored Corps: Characteristics and Role of Armored Corps.

1.3 Artillery: Characteristics and Role of Artillery.

Unit. 2. Supporting Arms

(10 L)

2.1 Corps of Engineers: Characteristics and Role.

2.2 Corps of Signal: Characteristics and Role.

2.3 Army Service Corps.

2.4 Army Ordnance Corps.	
2.5 Army Medical Corps, Electrical and Mechanical Engineers.	
Unit. 3. Indian Missiles Stockpiles.	(10 L)
3.1 India's Missile Program (IMGMDP)	
3.2 Types of Missiles	
3.3 Current Indian Missiles	
Unit 4. Indian Navy	(06 L)
4.1 Characteristics, Role and Limitations	
4.2 Types of Battleships & Weapon System.	
4.3 Supporting Arm Indian Coast Guard	
Unit 5. Indian Air force	(06 L)
5.1 Characteristics, Role and Limitations	
5.2 Types of Aircrafts & Weapon System.	

**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 Organisation 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>

## Choice Based Credit System Syllabus (2019 Pattern)

### Mapping of Program Outcomes with Course Outcomes

**Class:** FYBA (Sem II)

**Subject:** Defence and Strategic Studies

**Course:** Defence Mechanism of India- II:

**Course Code:** (DEF1201A)

**Weightage:** 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Course Outcomes	Programme Outcomes (POs)							
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	3			3		3		
CO 2	3			2				
CO 3		3	3	3				
CO 4				3	3		3	
CO 5		3		3				3
CO 6				3				3
CO 7				3				
CO 8		3		2				

#### Justification for the mapping

PO1	<b>Research-Related Skills:</b> These matches are based on the assumption that the program outcome CO1, CO2 emphasizes the development of research-related skills, which would align with the need for in-depth understanding and analysis in military-related studies
PO2	<b>Effective Citizenship and Ethics:</b> the provided CO3,CO5,CO8 seem to focus more on disciplinary knowledge related to military operations and technologies rather than on aspects directly related to Effective Citizenship and Ethics. Adjustments in course content or additional learning objectives may be needed to explicitly address citizenship and ethical considerations.
PO3	<b>Social competence:</b> CO3 Understanding foreign policy involves social awareness and diplomatic interactions, contributing to social competence.
PO4	<b>Disciplinary Knowledge:</b> , All the COs aligns with the need for disciplinary knowledge in the areas of defence and nuclear policy.
PO5	<b>Personal and professional competence:</b> CO5 empower Knowledge of global dynamics enhances personal and professional competence
PO6	<b>Self-directed and Life-long learning:</b> CO1: Acquiring a comprehensive understanding of India's security environment involves continuous self-directed learning, staying updated with dynamic geopolitical situations, and engaging in lifelong learning to adapt to evolving security challenges.
PO7	<b>Environment and Sustainability:</b> CO4 Understanding power rivalry in the Indian Ocean involves examining geopolitical and environmental factors, aligning with an environment and sustainability perspective.

PO8	<b>Critical Thinking and Problem solving:</b> CO5 and CO6 involves critical thinking skills to evaluate the impact of China's maritime strategy on India's security, aligning with critical thinking and problem-solving.
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**Paper Code: DEF1201B**  
**Title of Paper: Military Thinkers-II**  
**Semester-II**

**A) Learning Objectives:**

1. To provide students with full knowledge various thinkers and their strategic thoughts.
2. To introduce various military plans, war plan and strategies.
3. Students will able to analyze the defence operations performed by various thinkers
4. Students will able to analyze the military strategy and ideas implemented by military organizations.
5. To develop the necessary theoretical & experimental knowledge, and aptitude regarding various strategies and their origins.
6. Students will able to recognize strategies or methods used to win war by various thinkers.
7. This paper covers overall picture of various strategies and tactics propounded by defence thinkers.

**B) Learning Outcome:**

- CO1: Analyze the impact of air power on military strategy and warfare.  
CO2: Explore the historical context and objectives of the Red Terror during Lenin's leadership.  
CO3: Understand the causes and consequences of the Civil War during Lenin's time.  
CO4: Gain insight into the contributions and perspectives of Major General J.F.C. Fuller in military thought.  
CO5: Explore the Cultural Revolution initiated by Mao Zedong and its socio-political implications.  
CO6: Understand the concept of the indirect approach in military strategy as advocated by Liddell Hart.  
CO7: Analyze the principles and impact of Blitzkrieg, a concept associated with Liddell Hart.

**CONTENT**

<b>Credit: 3</b>	<b>No of Lectures: 48</b>
Unit 1. General Giulio Douhet	(07L)
1.1 Air Power Theory	
Unit 2. Vladimir Lenin	(07L)
2.1 Red Terror	
2.2 Civil War	
Unit 3. J.F.C. Fuller (Maj. Gen. John Frederick Charles Fuller)	(05L)
Unit 4 Karl Haushofer	(08L)
4.1 Geopolitics	
Unit 5. Mao Zedong	(07L)
5.1 Cultural Revolution	
Unit 6. Sir Basil Henry Liddell Hart	(07L)
6.1 Indirect Approach	
6.2 Blitzkrieg	
Unit 7. Che Guevara	(07L)
7.1 Cuban Revolution	

**References:**

1. Sean M. and Steven Miller, *The cold war and after: prospects for Peace*, MIT press 2001.
2. Naval Studies Board, *Post-Cold War Conflict Deterrence*, National Academic Press, Washington D.C. 1997.
3. Hilaire Mc Coubrey and Justin Morris, *Regional Peacekeeping in Post-Cold War Era*, Kluwer law International, 2000.
4. Sylvia Ostry, *The post-cold war trading system*, University of Chicago Press, London 1997.
5. Antulio Joseph Echevarria, *After Clausewitz: German Military Thinkers Before the Great War*, University Press of Kansas, 2000.
6. Spencer Tucker, *The Encyclopedia of World War I*, ABC-CLIO Inc, 2005.
7. William Mulligan, *The Origins of the First World War*, Cambridge University Press, New York, 2010.



## Choice Based Credit System Syllabus (2019 Pattern)

### Mapping of Program Outcomes with Course Outcomes

**Class:** FYBA (Sem II)

**Subject:** Defence and Strategic Studies

**Course:** Military Thinkers -II

**Course Code:** (DEF1201B)

**Weightage:** 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Course Outcomes	Programme Outcomes (POs)							
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	3	1	3	3		3		1
CO 2		1	2	1		2	1	
CO 3		1	2	2	3	1		
CO 4		1	1	3		3		
CO 5	3	1	2	3	3	1		3
CO 6		2	3	2		2	1	3
CO 7	3	1	3	3	2	1		
CO 8		1	3	3		3	1	

#### Justification for the mapping

PO1	<b>Research-Related Skills:</b> CO1, CO5, CO7 emphasizes the development of research-related skills, which would align with the need for in-depth understanding and analysis in military-related studies.
PO2	<b>Effective Citizenship and Ethics:</b> All thinkers Strategy and plan slightly touches ethics.
PO3	<b>Social competence:</b> discussing the philosophy of a military student could explore their views on social dynamics within military organizations, strategies for effective communication, and the importance of understanding human behavior in warfare.
PO4	<b>Disciplinary Knowledge:</b> All the COs aligns with the need for disciplinary knowledge in the areas of military.
PO5	<b>Personal and professional competence:</b> CO3, CO5 and CO6 and empower Knowledge of Strategy, Tactics, planning and other military dynamics enhances personal and professional competence in
PO6	<b>Self-directed and Life-long learning:</b> all COs Acquiring a comprehensive understanding of security environment in Theories. which involves continuous self-directed learning.
PO7	<b>Environment and Sustainability:</b> Not directly involvement of Environment and Sustainability.
PO8	<b>Critical Thinking and Problem solving:</b> CO1, CO5 and CO6 Provide a historical context of the role of critical thinking in military strategy and decision-making.