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**North Maharashtra University,
Jalgaon.**

**SYLLABUS FOR
M. PHIL**

**DEFENCE AND
STRATEGIC STUDIES**

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DEFENCE AND STRATEGIC STUDIES

M. PHIL. SYLLABUS

- PAPER I - RESEARCH METHODOLOGY OF SOCIAL SCIENCE**
- PAPER II - MODERN WARFARE**
- PAPER III - GLOBAL SECURITY ISSUES IN NATIONAL SECURITY**
- PAPER IV - PROBLEM OF WAR AND PEACE**
- PAPER V - DISSERTATION**

(ANY TWO FROM PAPER NO. II TO IV)

P - Periods.
W - Weightage.

DEFENCE AND STRATEGIC STUDIES

M. PHIL. SYLLABUS

PAPER NO. 1 - RESEARCH METHODOLOGY

1. Social Research - Meaning, Objectives, Characteristics, Types
2. Importance and use of social research
3. Formulation of social problem - General, meaning, factors, process, essential condition and significant of problem
4. Hypothesis - Meaning, definition, scope, characteristics, sources, types and importance
5. Research Design - Meaning, objectives, characteristics and types
6. Data Collection - Meaning, importance, types, sources
7. Research Techniques- Meaning, types, nature and characteristics
8. Research Methods - Explanatory, descriptive, diagnostics, experimental, historical, statistical, case study, field work, survey
9. Case Study
10. Research reporting - Objectives, factors, characteristics

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PAPER NO. 2 - MODERN WARFARE

		P	W
	PART-I		
		07	10
1.	WAR		
	Concept and Meaning		
	Scope of War		
	Causes of War		
	Principles and Consequences of War		
2.	CONVENTIONAL WARFARE	05	05
	Aspects		
	Limited War and Total War		
3.	NUCLEAR WARFARE	08	10
	Concept		
	Origin and Development		
	Nuclear Strategy		
	Arms race and its effects		
	Deference		
4.	MISSILES : INTRODUCTION	05	05
	Range based missiles		
	Target based missiles		
5.	REVOLUTIONARY WARFARE	07	08
	Meaning, Principles, Characteristics		
	Views of Mao and Che-Guevara		
6.	INSURGENCY AND COUNTER INSURGENCY	08	12
a)	Insurgency		
	(i) Distinctive Feature (ii) Pre-requisites for Insurgency		
	(iii) Elements of Insurgency (iv) Progression of Insurgency		

- b) Counter Insurgency
 - i) Retaliation - Reach in Tit for Tat way
 - ii) Follow up (continuous) action of action plan
 - iii) To use various means to restrain insurgency
 - iv) Accept external non-governmental bodies aid
 - v) Measures to block internal and external aid to the insurgency
 - vi) Destruction of power centres of insurgents
 - viii) Isolation of insurgents from society
 - viii) Assimilation of insurgents in national main current
 - ix) Development plans to be activated
 - x) Continuous follow up action till the goal in reach

PART-II

7.	CHEMICAL WARFARE	08	09
	<ul style="list-style-type: none"> a) Historical development b) Nature of Chemical Warfare c) Types of Chemical Warfare d) Methods e) Effects and objectives 		
8.	BIOLOGICAL WARFARE	08	09
	<ul style="list-style-type: none"> a) Historical development b) Nature c) Types d) Methods e) Effects and objectives 		
9.	PSYCHOLOGICAL WARFARE	07	1
	<ul style="list-style-type: none"> a) Measures of Psychological Warfare b) Nature of Psychological Warfare c) Objectives 		
10.	ECONOMICAL WARFARE	07	1
	<ul style="list-style-type: none"> a) Meaning b) Concept c) Objectives 		

11. ELECTRONIC WARFARE / INFORMATION WARFARE	05	05
a) Definition		
b) Concept		
c) Objectives		
d) Sources		
12. ENVIRONMENTAL WARFARE	05	05
Defintion		
Concept		
Scope		

Selected Readings

1. The conduct of war - An Introduction to modern warfare- *Samuel B. Payne*
2. Nuclear, biological and chemical warfare - *T. J. Gander*
3. Hundred years of war - *Fulls Cyril*
4. Strategy in the Missile Age - *Bordie B.*
5. History of Warfare - *Mounteganery*
6. World Politics since 1945 - *Calivocovessi Peter*
7. Contemporary Military Stage - *Halperian Morton*
8. Makers of Modern Strategy - *Early E. M.*
9. *Aakhati Yuddha* - *Muzaffar Hussain*
10. *Aakhati Yuddha* - *Milind Gadgil*
11. *Adhunik Yuddhakala* - *A. P. Chaudhari, Archana Chaudhari*

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PAPER NO. 3 - GLOBAL SECURITY ISSUES IN NATIONAL SECURITY

	P
1. End of Cold War and Emergence of New World Order	06
2. Human rights - child, woman, sustainable communities and war	08
3. Problem of Refugees - Causes, Indian border security problem and remedies	10
4. Environmental Issues - Global warming, desertification, land sliding, acid rain, transportation, industrial pollution and remedies	08
5. War and Environment	05
6. Ethnic problems - Srilanka, China, Pak-Bangla	07
7. Organised crime - Money laundering, Narco trafficking and arms trading	08
8. International Terrorism - Concept, sources, impact, terrorism in the world, controlling measures, cross-border terrorism in India	10
9. Effects of - GAAT, WTO, WIPO, Increasing debit on Indian security	08
10. Health Issue - Infection diseases, HIV / AIDS, SAARC, Bird Flue (Avian Flue), Effect on Society and National Security	08

Recommended Readings

1. Weapons of tomorrow - Beckett Brian
2. Armed Forces and Modern Counter Insurgency - Beckett, Ian F. UI and Pimlott John
3. The Law of war - Detter Ingrid
4. Future Wars - Dupuy, Trevor
5. The impact of air pollution, national security and world politics - Emme, Eugene M.

6. The Business of War - John Keneddy
7. Militarisation in India - Kunda, Apurba
8. Terrorist Games Nations Play - Mohindra S.
9. Nuclear Weapons and Power politics - Manishankar
10. Insurgency and Terrosim - O Neill, Bard E.
11. Global terror - Sondhi, Sunil
12. Global Defence - Geoffrey Williams
13. Indian Defence Review - Mathu Thomas
14. India's Strategic Future - Babbage, Gordon
15. Rashtriya Suraksha - Chaudhari A. P. and Chaudhari Archana
16. Raksha Vidnyan - Manmohan Bala

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PAPER NO. 4 - PROBLEMS OF WAR AND PEACE

1. War - Causes, Principles, characteristics
2. Techniques of maintaining peace - Balance of power, collective security, regional security, arms control and disarmament, arms proliferation,
3. Non Alignment - role for maintaining peace
4. Peace agreements - Partial Test Ban Treaty, non proliferation treaty, strategic arms limitation treaty, Comprehensive Test Ban Treaty, MTCR and nuclear mass destruction
5. Technology transfer - dual use and critical technology and their impact on peace
6. Defence and Development and peace - special focus on Gan Butter problem
7. Techniques and conflict prevention
8. Problems of Peace Security - Peace research and conflict resolution
9. Humanitarian Law and armed conflicts
10. Role of ICO and NGO's maintaining peace - (peace building, peace making and peace keeping)

Reference Readings

1. Military Society - Dr. Sushma Sood, Maj. Gen. SBL Kapoor
2. The Essentials of Military Knowledge - Maj. Gen. D. K. Palit
3. Defence of India - Chanchal Sarkar
4. Shanti Astra - Patil, Nature
5. Rashtriya Raksha aur Suraksha - Dr. Lolianji Singh
6. Politics among the nation - Morgenthau
7. War as I knew it - George S. Patton
8. Technology and War - Martin Van Creveld