



**Department of Defence, Strategic and Geopolitical Studies  
H.N.B. Garhwal University Srinagar (Garhwal)  
(A Central University)**

(School of Earth Science)

**Syllabus for Pre-Ph.D. Course**

<b><u>Core Papers</u></b>	<b><u>Code</u></b>	<b><u>Credits</u></b>	<b><u>Marks</u></b>
1. Research Methodology	DS/C/501	04	100
2. a) Research and Publication Ethics	DS/C/502	02	
b) National Defence & Security	DS/C/502	01	100

**Elective Paper-** (Any Two)

**GROUP-A**

1. Role of India in International Relation	DS/E/503	04	100
<b>OR</b>			
2. International Law & Security	DS/E/504	04	100

**GROUP-B**

1. Art of Warfare	DS/E/505	04	100
<b>OR</b>			
2. Strategic Thoughts	DS/E/506	04	100

## **CORE PAPER**

### **DS/C/501: Research Methodology**

**Course Outcome:** The scholars get better understanding of the research ideas and work through learned faculty members. In this course, scholars learn about research in social sciences i.e., ethics, social research methods, scientific conduct, philosophy etc. while defining the scope of research.

Unit-1 Social investigation and Social research

- (i) Meaning of social research
- (ii) Aim of social research
- (iii) Nature of social research
- (iv) Kind of social research
- (v) Utility of social research

Unit-2 Hypothesis- Definition, function, characteristics and types

Unit-3 (i) Sampling- concept, principles and types

- (ii) Research design- Definition, functions and types

Unit-4 (i) Historical Method

- (ii) Data collection and processing- Observation, Questionnaires Schedules, Interview

Unit-5 (i) Types of source of data with special reference to Primary and Secondary data

- (ii) Research and use of Computer

## **CORE PAPER**

### **a.) DS/C/502: Research and Publication Ethics**

**Course Outcome:** The paper focuses on philosophy, publication ethics and scientific conduct.

RPE 01: PHILOSOPHY AND ETHECS

1. Introduction to philosophy: Definition, Nature and Scope, Concept, Branches
2. Ethics: Definition, Moral Philosophy, Nature of Moral Judgments and Reaction

RPE 02: SCIENTIFIC CONDUCT

1. Ethics with respect to science and research
2. Intellectual Honesty and Research Integrity
3. Scientific Misconducts: Falsification, Fabrication, and Plagiarism (FFP)
4. Redundant Publications: Duplicate and Overlapping Publications, Salami Slicing
5. Selective Reporting and Misrepresentation of Data

RPE 03: PUBLICATION ETHICS

1. Publication Ethics: Definition, Introduction and Importance
2. Best Practices/Standards setting Initiatives and Guidelines: COPE, WAME etc.
3. Conflicts of Interest
4. Publication Misconduct: Definition, Concept, Problems that lead to Unethical Behavior and Vice Versa types
5. Violation of Publication Ethics, Authorship and Contributor ship
6. Identification of Publication Misconduct, Complaints and Appeals
7. Predatory Publishers and Journals, Article.

#### RPE 04: OPEN ACCESS PUBLISHING

1. Open Access Publications and Initiatives

### **CORE PAPER**

#### **b.) DS/C/502: National Defence and Security**

**Course Outcome:** The scholars get exposure to India's national defense, issues of security, insurgency, and nuclear policy in South Asia.

- (1) Concept of National Security with reference to the contemporary thinking.
- (2) Power Theories.
  - (a) The Concept of Power.
  - (b) The Tangible element of Power.
- (3) Security Problems in different region of India with special reference to insurgency and counter insurgency.
- (4) (a) India's Nuclear Policy.  
(b) Pakistan Nuclear Policy.
- (5) India's defence & Military preparedness.

#### **Book-**

1. Agarwal, R.K. : Defence Production and Development.
2. Alan, S. and Ready, G.E. : Socio-Economic Development  
Problems South and South East Asia.
3. Anand, V.K. : Insurgency and Counter insurgency.
4. Appadurai, A. : Selected Documents on India's Foreign Policy & Relations 1947-72
5. Bajpai, S.C. : Northern Frontier of India.
6. Bajpai, U.S. : Non- alignments, Perspective and Prospect.
7. Bandopadhyaya, J. : Making of India's foreign Policy.
8. Brines, R. : Indo-park conflict.
9. Chaudhary, J.N. : India's Problem of National Security in70s.
10. Chatterjee, P.N. : India Land Borders. Problems and challenges.
11. Chopra, P.N. : On an India Border.
12. Chopra, P.N. : Quit India Movement.
13. Singh,L.J. : National Defence & Security.

## GROUP-A

### Elective Paper (01)

#### DS/E/503: Role of India in International Relation

**Course Outcome:** This course delves into India's global influence, examining its foreign policy, core principles, and diplomatic relations with major powers and neighboring countries.

- (1) The role of ideology in international Relation.
- (2) Main feature of India's foreign policy.
- (3) Development of international relation between
  - (a) India and major power.
  - (b) India and neighboring countries.

#### **Books-**

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|----------------------------|--|
| 1. Quincy wright           | : A Study of war.  |
| 2. Hans, G Morgenthau      | : Politics Among nations,                                  |
| 3. P.D. Sharma             | : International relations                                  |
| 4. Lallan Ji Singh         | : Problems of war.   |
| 5. Lallan Ji Singh         | : The impact of war on International Relations since 1945. |
| 6. Mahendra Kumar          | : Theoretical aspects of International polices.            |
| 7. H.K. Chhabra            | : Relations of Nations.                                    |
| 8. Quincy wright           | : A study of international Relations.                      |
| 9 ष वर्मा दीनानाथ          | अन्तराष्ट्रीय सम्बन्ध                                      |
| 10 षबी0एल0फाडिया           | अन्तराष्ट्रीय सम्बन्ध                                      |
| 11 षश्रीपाल जैन एवं पी0पंत | अन्तराष्ट्रीय सम्बन्ध                                      |

### Elective Paper (02)

#### DS/E/504: International Law and Security

**Course Outcome:** The course introduces the nature of security issues in UNO laws and dispute settlements.

- (1) Nature & definition of international law
- (2) International terrorism and U.N organization and its peace keeping role.
- (3) Law of warfare.
  - (a) Land warfare.
  - (b) Air warfare.
  - (c) Sea warfare
  - (d) Nuclear warfare

- (4) War crimes
- (5) Settlement of disputes

**Books-**

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|-----------------------|--|
| 1. Jassap Philip C.   | : A Modern Law of Nations (The Maqcmillion co. New york, 1949) |
| 2. Oppenheim          | : International law Col.!!\$ !!                                |
| 3. Fenwick            | : International Law.   |
| 4. Dhokalia,R,P.      | : International Law.   |
| 5. Brierly            | : The law of Nations.  |
| 6. बी०एल०फाडिया       | : अन्तर्राष्ट्रीय संगठन एवं अन्तर्राष्ट्रीय कानून              |
| 7. जैन हरिमोहन        | : अन्तर्राष्ट्रीय विधि   |
| 8. डॉ सम्पूर्णानन्द   | : अन्तर्राष्ट्रीय विधान  |
| 9. एस० के० कपूर       | : अन्तर्राष्ट्रीय विधि   |
| 10. वेदालंकार हरिदत्त | : अन्तर्राष्ट्रीय कानून  |

**GROUP-B**

**Elective Paper (01)**

**DS/E/505: Art of Warfare**

**Course Outcome:** The paper strengthen to develop strong foundation on the evolution of warfare in India during Ancient, Medieval, and British Crown Rule, highlighting how military systems adapted to new technologies, foreign influences, and changing political landscapes etc.

- (1) Ancient Period
  - (a) Mauryan military system –
  - (b) Age of gupta,s – change in hindu military system .
- (2) Medivel Period – New treands of warfare in the special reference the arab, turk and mughal military system.
- (3) Britiesh crown – Development of presidency, armies under the east- India company.

**Books –**

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|---------------------|--|
| 1. P.C. Chakravarty | : The Art of war in Ancient India Calcutta.              |
| 2. R.C. Dikshit     | : War in Ancient India. (Madras, 1930).                  |
| 3.Lallan Ji Singh   | : The India Military History.                            |
| 4.Lallan Ji Singh   | : Kautilyas Philosophy of war.                           |
| 5.Lallan Ji Singh   | : Ramayan kalin Yudh Kala, Abhinav Prakashan, Agra,1980. |
| 6. J.N.Sarkar       | : Fall of mughal Empire Vols. 1-4.                       |
| 7. S.D.Singh        | : Ancient India Warfare.                                 |
| 8. J.N. Sarkar      | : Military History of India.                             |

## **Elective Paper (02)**

### **DS/E/506: Strategic Thought**

**Course Outcome:** The paper delves upon the strategies of historic thinkers such as Kautilaya's, Clausewitz, A. T. Mahan, and Liddell Hart etc. for critical understanding of enduring principles.

- (1) Kautilaya's Philosophy of war, statecraft, military organization weapons, patterns of warfare.
- (2) Clausewitz – War and its relationship with politics, strategic and tactic.
- (3) Giulio Douhet – Theories of warfare.
- (4) A. T. Mahan – Theory of sea power and naval strategic.
- (5) Liddell Hart – J.F.C. Fuller – concept of mobile warfare. Advent of tanks

#### **Books-**

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|--------------------|---|
| 1. Lallan Ji Singh | : Military Thinkers                           |
| 2. Lallan Ji Singh | : Kautilya Philosophy of war.                 |
| 3. Douhet          | : Command of Air.                             |
| 4. D.K. Palit      | : The essentials of Military knowledge.       |
| 5. Clausewitz      | : On war- Translated by Col. J.J. Graham.     |
| 6. Liddle Hart     | : Deterrent and Defence.                      |
| 7.Liddel Hart      | : Article- London Time, Dated25-26 Oct. 1937. |