

**DDU Gorakhpur University,
Gorakhpur.**

**Department of Defence and Strategic Studies
(Semester System)
MA/M.Sc.**

SYLLABUS

Semester I

Paper I :	Evolution of Indian Art of War up to 1857
Paper II :	National Security
Paper III	Armament, Disarmament and Arms Control
Paper IV	Human Rights and International Law
Paper V	Practical and Viva-Voce

Semester II

Paper VI:	Research Methodology
Paper VII	Peace and Conflicts Studies
Paper VIII	Insurgency and Terrorism
Paper IX:	India's National Security and Strategic Spectrum
Paper X :	Practical and Viva-Voce

Semester III

Paper XI:	Defence Economics
Paper XII	Geo-politics and Military Geography
Paper XIII	Science, Technology and National Security
Paper XIV	South Asia: Conflict-cooperation Studies
Paper XV	Practical and Viva-Voce

Semester IV

Paper XVI	Strategic Thought
Paper XVII	International Relations
Paper XVIII	Politics and Security of the Indian Ocean
Paper XIX (A)	Conflict and Media
Paper XIX (B)	Science and Technology and Non-traditional Security
Or	
Paper XIX(C)	Dissertation on any topic of the above papers
Paper XX	Practical and Viva-Voce

Semester -1

Paper I

Evolution of Indian Art of War up to 1857

Unit-I

1. Basic concept and a brief survey of the military traditions of India.
2. Military system and Defence Mechanism in Vedic, Puranic and Epic Age.

Unit-II

1. Comparative study of Indo-Greek art of warfare with special Reference to Battle of Hydespas 326(BC).
2. Maurya's military system, Kautilya's philosophy of war, concept of Defence, Security and Inter-State Relations.

Unit-III

1. Comparative study of Indo-Turk Art of war with special reference to Battle of Terrains (1191&1192AD)
2. Mughal Military System with special reference to Battle of Panipat (1526 AD).

Unit-IV

1. Maratha Military System with reference to irregular warfare of Shivaji.
2. Anglo- Maratha war with special reference to Battle of Assaye 1803(AD)

Unit-V

1. Contribution of Maharaja Ranjeet Singh in Evolution of Shikh Military System.
2. Causes & importance of First War of Independence 1857.

Books recommended -

- 1- Singh,S.D. , Ancient Indian Warfare with special reference to Vadic Period
- 2- Majumdar,B.K., Military System in Ancient India
- 3- Majumdar,B.K., Bhartiya Sena Ka Itihas
- 4- Fuller, J.F.C., Generalship of Alexander the Great
- 5- Sarkar, J.N., Military History of India
- 6- Ervin, I., Army of Indian Moghuls
- 7- Major R.C. Kulshrestha, Kautilya's Philosophy of War
- 8- Bajawa,F.S., The Military System of Sikhs
- 9- Tripathi,R.P., Rise and Fall of the Moghul Empire
- 10- Sen,S.N., the Military System of Marathas
- 11- Prasad R and Singh R.N., Bhartiya Sainya Itihas Ki Ruprekha, 1988

Paper II

National Security

Unit-I

1. Evolution of the concept of National Security with reference to contemporary thinking.
2. Components of National Security.

Unit-II

1. Comprehensive Security: meaning and scope
2. Defence, Foreign, Security and Domestic policies: concepts, formulation, objectives and linkages.

Unit-III

1. Defence Co-operation, Strategic partnership and Security Dialogue: new trends in 21st century.
2. India: threats and challenges from within.

Unit-IV

1. National Security in the age of Globalization: new threats and challenges.
2. Human Security: concept and dimensions in Indian context.

Unit-V

1. Energy Security: issues in Indian context.
2. Environmental Security: Indian scenario.

Books & Journals recommended -

- 1- K. Subramanyam, Our National Security, Economic and Scientific Research Foundation, New Delhi, 1972
- 2- Michael Clark, New Perspective on Security, London, 1993.
- 3- S. D. Sinha, Security in the New World Order, Chanakya Publication, Delhi, 1993.
- 4- Gautam Sen, India's Security Consideration in Nuclear Age, Atlantic, New Delhi, 1986.
- 5- N. S. Sisodia & C. Uday Bhaskar, Emerging India: Security and Foreign Policy Perspectives, IDSA, New Delhi.
- 6- Bary Buzan, Peoples, States and Fear: The National Security Problems in International Relations, Wheatshheat Books, Brigston, England, 1983
- 7- Kanti P Bajpai & Harsh V Pant (eds.), India's National Security :A Reader, Oxford University Press, 2013

Paper III

Armament, Disarmament and Arms Control Studies

Unit-I

1. Armament: Meaning, Development and New trends.
2. Basic Concepts and theories-
 - (i) Concept and correlation between Disarmament & Arms Control

- (ii) Objectives and conditions of Disarmament & Arms Control.

Unit-II

1. Elements of Arms Control Mechanism: Agreements, Verification, Inspection, Control.
2. Measures of Arms Control & Disarrangement.

Unit-III

1. Weapons of Mass Destruction- Nuclear Weapons, Chemical, Biological and Weather Weapons.
2. Weapons of Mass Destruction (WMD) Control Treaties: NPT, TTBT, PTBT, CTBT, FMCT, CBW Conventions & Control Mechanism.

Unit-IV

1. Nuclear policies of Nuclear powers & Non-Nuclear powers w.r.t. Non-Proliferations and Arms Control.
2. Trends in Military Expenditure: India and the world

Unit-V

1. Arms Trade Treaty (ATT) and its implications for Regional & Global Security.
2. Social and Economic consequences of Disarmament & Arms Control.

Books & Journals recommended -

- 1- Emile Beniot & K.E. Bonlding, Disarmament and the Economy, Harper & Raw Publisher, New York, 1963
- 2- R. Faramazyan, Disarmament and the Economy, Progress Publishers, Moscow, 1981
- 3- P.K.Mishra, Arms Race Disarmament and Indian Ocean, UDH publishing House, Delhi, 1989
- 4- Garin Kennedy, The Military in the Third World, The Garden City Press, London, 1974
- 5- Singh V.K., Problems & Prospects of Development through Disarmament, Ph.D thesis, Gorakhpur, 1992
- 6- SIPRI Year Book
- 7- Strategic Analysis, IDSA , New Delhi
- 8- Strategic Digest, IDSA, New Delhi
- 9- Military Balance, 2013-14, IISS, London
- 10- Strategic Survey, 2013-14, IISS, London

Paper IV

Human Rights and International Law

Unit-I

1. Human Rights: Concept & Nature, Historical Background Origin & Development, Classification
2. Introduction of International Law and Humanitarian Law

Unit-II

1. International law and Rules of Land, Air and Sea Power
2. International Law and Conventions for the wounded and sick in the battle field, protection of civilian rights in times of war, treatment of the prisoners of war.

Unit-III

1. Peaceful means of Settlement of International Disputes
2. Limits on the choice of means and methods of warfare.

Unit-IV

1. Universal Declaration of Human Rights and International Organizations.
2. Human Rights in Indian Constitution, Role and Duties of NHRC in India.

Unit-V

1. Concept and Theories of Humanitarian Law
2. Concept of Refugee Law

Books recommended-

- 1- Human Rights; Pr. T.P.Tripathi, Allahabad Law agency , Allahabad 2002
 - 2- Human Rights and International Law: Dr. S.K.Kapoor, Central Law Agency, Allahabad,2005.
 - 3- भारत का राष्ट्रीय मानवाधिकार आयोग, अरुण कुमार पलाई राधा पब्लिके ान, नई दिल्ली,1999.
 - 4- मानवाधिकार: जय जयराम उपाध्याय: सेन्ट्रल ला एजेन्सी, इलाहाबाद 2002.
 - 5- Reforming Human Rights; Dr. D.P. Khanna; Manas Publication New Delhi, 2001.
 - 6- भारत में मानवाधिकार: क्रियान्वन तथा उल्लंघन, जी0एस0बजवा, अनमोल प्रका ान नई दिल्ली, 1995.
 - 7- मानव अधिकार: अंतरराष्ट्रीय प्रपत्रों का संकलन: खण्ड 1 ब 2 राष्ट्रीय मानवाधिकार आयोग प्रका ान, नई दिल्ली 2006.
 - 8- Publication International Law; M.P. Tondon; Allahabad Law Agency 1981.
- articles recommended by the teachers)

Paper V

Practical and Viva-Voce

Students will be expected to mark the areas in the map provided and to write a brief note about the Spots.

1. Zonal Headquarters of Indian Army.
2. Zonal Headquarters of Indian Air force.
3. Important Naval bases and ports of India.
4. Important Nuclear and space Research establishment in India.
5. Defence Research and Development Organization in India.

Semester -II

Paper VI

Research Methodology

Unit-I

- 1- Meaning of Research/ Policy Research
- 2- Types of Research
- 3- Objective of Research
- 4- Research Cycle

Unit-II

- 1- Stages in Research Process
- 2- What is Research Problem and Questions
- 3- How to locate a research problem
- 4- Characteristics of a good research problem
- 5- Sources of locating a good research problem
- 6- Kinds of research problem
- 7- Necessary considerations for selecting a research problem

Unit-III

- 1- What is hypothesis
- 2- Types of hypothesis
- 3- nature and characteristics of scientific Hypothesis
- 4- Sources of Hypothesis
- 5- Difference between Research Problem and Research Hypothesis
- 6- Hypothesis and Theory
- 7- Functions of Hypothesis

Unit-IV

- 1- Review of Literature
- 2- Data Collection Techniques
- 3- Use of Statistical Methods

Unit-V

- 1- Analysis & Writing
- 2- Foot Notes, References & Appendix
- 3- Bibliography

Books recommended:

- 1- Bell J.E., Projective Techniques, Longmans, 1948
- 2- Best J.W., Research in Education, Prentice Hall, 1978
- 3- Lindmias D., Statistical Analysis in Educational Research, Oxford, 1968
- 4- Nachmias D. Research Methods in the Social Sciences, New York, 1981
- 5- Young P.V., Scientific Social Survey and Research, Prentice Hall of India, 1988

6- Mohd. Sulaiman, Research Methodology in Behavioral Sciences, Patna, 1998

Paper VII

Peace and Conflict Studies

Unit-I

1. Peace and Conflict Studies: Meaning, Nature and Scope
2. Conceptual analysis of Conflict and Peace

Unit-II

1. Conflict management in the regional context
2. Gandhian Approach and its relevance today for Conflict Resolution

Unit-III

1. Causes of war
2. Regional Conflicts and Role of United Nations

Unit-IV

1. Confidence & Security Building Measures (CSBM)
2. Peace Building, Peace Making, Peace Keeping and Peace Enforcement

Unit-V

1. Pacific and Coercive Settlement of Dispute
2. Peace Research and Peace Movements
3. Concept and theories of Conflict Resolution; IGOs and NGOs in Conflict Resolutions.

Books recommended:

- 1- K.E.Boulding, Conflict and Defence : A General Theory, Newyork,1962
- 2- Anima Bose (ed), Peace and Conflict Resolution in World Community, New Delhi, 1919
- 3- Bhasksr Roa, Global Perceptions on Peace Education, New Delhi, 1996.
- 4- Peter Ackerman & Jack Duvall, A Force More Powerful : A Century of Non-Violent Conflicts, New York, 2000.
- 5- B. Boutros- Ghali, An Agenda For Peace : Preventive Diplomacy, Peace Making and Peace Keeping, (U.N.Report) New York, 1992.
- 6- B.U.Bright, Educating for Peace, New York, 1985.
- 7- Adam Curle, Another Way : A Mechanistic View of War and Peace,Cambridge, 1927.

- 8- A.C.Dasgupta, Non-Violence : The Invincible Power, Calcutta. 1956.
- 9- Lewis Caser, Functions of Social Conflict, New York, 1956.
- 10- J.W.Burton, International Conflict Resolution, New York, 1965.
- 11- Ghanshyam Purdeshi (Id.), Contemporary Peace Research, New Delhi, 1982
- 12- Johan Galtung, Struggle for Peace, Ahmedabad, 1984.
- 13- Johan Galtung, Peace by Peaceful Mean : Peace and Conflict, Development and civilization, Sage Pub, 1996
- 14- Johan Galtung. Essays in Peace Research, Copenhagen, 1975.
- 15- Quincy Wright, A Study of War, Chicago, 1965.

Paper VIII

Insurgency and Terrorism

Unit-I

1. Insurgency: concept and principles.
2. Methods and techniques of Guerilla and counter – Guerilla warfare.

Unit-II

1. Impact of Marxist, Leninist and Maoist ideologies on revolutionary movements.
2. Urban Guerilla warfare.

Unit-III

1. Guerilla and counter-Guerilla operations in Malaya and Indo-China.
2. Current trends of Insurgency and counter-Insurgency in South Asia and the role and limitations of Military in Counter-Insurgency situations.

Unit-IV

1. Terror and Terrorism: concept, characteristics and typology, methods and techniques
2. Causes of terrorism in India and underlying remedies.

Unit-V

1. International terrorism and problems of world peace and security.
2. International and regional arrangements and co-operation for curbing terrorism.

Books & Journals recommended :

- 1- Walter Laqueur, Guerrilla :A Historical and Critical Study, Weidenfeld Nicolson, London, 1977
- 2- T.E. Lawrence, Revolt in the Desert, London, 1927
- 3- W.P. Lucian, Guerrilla Communism in Malaya, Princeton, 1956
- 4- Che Guevara, Guerrilla Warfare, London, 1969

- 5- Franklin Mark Osanka, (Ed), Modern Guerrilla Warfare, The free press of Glencoe, 1962
- 6- D.K.Palit, The Essentials of Military Knowledge, The English Book Depot, 1970
- 7- Mao Tse-Tung & Che Guevara, Guerrilla Warfare, Cassell, London, 1970
- 8- S.T. Das, An Introduction to the Art of War, Sagar pub., New Delhi, 1970
- 9- David Galula, Counter- Insurgency Warfare, Sagar Pub. ,1971

Paper IX

India's National Security & Strategic Spectrum

Unit-I

1. Freedom struggle and the development of the concept of Nationhood in India
2. Pluralism in India :Strengths and Weaknesses

Unit-II

1. India's National Security Objectives and Aspirations in a Changing world
2. Contemporary Strategic Environment of India

Unit-III

1. India's Internal Security Challenges : Nature and Dimensions
2. Domestic and Trans-national terrorism against India : Problems and Options

Unit-IV

1. Insurgency in North East, Jammu & Kashmir, Punjab and Spread of Naxal Violence
2. Counter- Insurgency strategies and successful case studies

Unit-V

1. India's Technological Prowess as 'Force Multiplier'
2. Conflict resolution and transformational mechanism in India's case.

Books & Journals recommended:

- 1- N. Manoharan, Security Deficit: Comprehensive Internal Security strategy for India, Pentagon Press, 2012
- 2- Brig. R.A. Singh, India's National Security: Through Ages, Raj Publication, 2006
- 3- Rumel Dahiya, Ashok K. Behuria, (eds.) India's Neighborhood- Challenges in the Next Two Decades, IDSA, 2012
- 4- Maj. Gen. Depankar Banerjee, Security in South Asia: Comprehensive on Cooperative, Manas Publication, 2003
- 5- Col. Ved Prakash, Terrorism in India's North East, Manas Publication , New Delhi
- 6- Kapil Kak (ed.), Comprehensive Security for an Emerging India, Knowledge World, New Delhi
- 7- Jasjit Singh, India's Security in a Turbulent World, National Book Trust, India. 2013
- 8- Mohanan B. Pillai, India's National Security, Concerns on Strategies, New Century Publication, 2013
- 9- Rahul K. Bhonsle, India's National Security: The Asymmetrical Challenges, Knowledge World International, 2006

10- Bipin Chandra, India Since Independence

Paper X

Practical and Viva-Voce

Students will be expected to mark the areas in the map provided and to write a brief note about the Spots.

1. Disputed land Areas with bordering States-

- (a) Pakistan
- (b) China
- (c) Nepal
- (d) Bangladesh

2. Disputed Sea Areas with bordering States-

- (a) Pakistan
- (b) Bangladesh

3. Conflict Zones of South Asia-

- (a) India
- (b) Pakistan
- (c) China
- (d) Nepal
- (e) Bangladesh
- (f) Sri Lanka

Semester III

Paper XI

Defence Economics

Unit-I

1. Concept of theories of war economics.
2. Economic warfare
3. Impact of war on economy

Unit-II

1. Economic potential of war and Economic Weapons
2. Cost of war

Unit-III

1. Defence production in India
2. Economic problem and planning for Indian Defence

Unit-IV

1. War Finance
2. Defence Budget and National Security

Unit-V

1. Comparative Study of Defence Budget of India , Pakistan & China
2. The new international economic order – Regional economic groupings

Books Recommended-

- 1- Rethinking the Economics of war: The intersection of Need, Creed and Greed Edited by Cynthia J Arnsen, Published:28 october 2005,ISBN13:9780801882982
- 2- Economics of war and Peace: Economic Legal and Political perspectives, Edited by Ben Goldsmith , Published : Emerald Group Publishing Limited, Published:01 July 2010, ISBN13:99780857240040
- 3- The Economics of war : The Economics of war by Pal Poast, Publisher: Mc Graw Hill Higher Education, Published:21 March,2008,ISBN 13:9780073133997
- 4- Economic Theories of Peace and war (Studies in Defence Economics) by Fanny Coulomb ,Publisher: Routledge' Published:24 September, 2004, ISBN 13:9780415284080
- 5- The Economics of war I Stephen Broadberry (Editor) Mark Harrison(Editor), Publication Date: April 2,2009 ISBN – 10 0521107253.
6. सम्पूर्ण सैन्य विज्ञान: पुरुषा जैन वि विद्यालय प्रकाशन, ग्वालियर मध्यप्रदेश, 1999.
7. युद्ध और भांति की समस्याएं: डा० लल्लन जी सिंह: प्रकाशिका बुका डिपो बरेली, 1997-98
- 8- यौद्धिक अर्थशास्त्र: डा० एस०डी० तर्मा भारत प्रकाशन मंदिर अलीगढ़.

Paper XII

Geo- Politics and Military Geography

Unit-I

1. Concept and meaning of Geo-politics
2. Scope and importance of Geo-politics
3. Development of Geo-politics

Unit-II

1. Global strategic views
2. Sea Power theory : Mahan and Houshoffar
3. Land Power theory : Machinder and Spykman
4. Air Power theory : Seversky

Unit-III

1. Role of geography in military applications
2. Importance and scope of logistics
 - 2.1 Resources
 - 2.2 Industries
 - 2.3 Supply Chain
 - 2.4 Transport and Communication

Unit IV

1. Role of geography in Land Warfare
2. Role of geography in Sea Warfare
3. Role of geography in Air warfare

Unit V

1. Military geography of India : Defence problems
 - 1.1 India's boundaries, terrain in border areas
 - 1.2 Weather and communication
 - 1.3 Population in border areas and its implication to border security

Books & Journals recommended:

1. ; q ds l k/ku vkj l k/;] est j vk0 l h0 dlyJ\$B] bykgkckn] 1965-
2. Dasgupta B. and W.H. Morris Jones, (1975) : Patterns and Trends in Indian Politics, New Delhi, Allied Publishers.
3. De Seversky, A., (1942) : Victory through Air Power, New York, Simon & Schueter.
4. Fairgrieve, j., (1915) : Geography and World Power, London University of London Press.
5. Fawcett, C.B., (1918) : Frontiers :L A Study in political Geography London, Oxford University Press.
6. Machinder, H.j., (1924): Nations of Modern World, London, George Philip and Son.
7. Mahan, A.T., (1900) : The Problem of Asia, Boston, Little, Brown & Co.
8. Panikkar, K.M., (1955) : Geographical Introduction to Indian History, Bombay, Bhawan's Book University.
9. Prescott, J.R.V., (1966) : Boundaries and Frontiers, Croom Helm, London.

Paper XIII

Science, Technology and National Security

Unit I

1. Science, Technology and Society: history and impact of major technological breakthroughs on society.

2. Applicability of Physical, Mathematical and Technical Sciences in the field of defence.

Unit II

1. Chemical-Biological Sciences and their military utility.
2. Nuclear and Missile Technologies and related developments.

Unit III

1. Revolution in Military Affairs (RMA) and India's National Security.
2. Advancing military technologies and their impact on weapon Development and defence industrialization.

Unit IV

1. International interdependence and transfer of defence technology: Global trends and Indian scenario.
2. Critical & Dual technologies and India's defence needs.

Unit V

1. DRDO and Indian Defence.
2. Computerization and Cyber technologies, Aero-space technologies : Marine Technology and Ocean development: Indian scenario.

Books recommended:

- 1- Karsten Frey, India's Nuclear Bomb on National Security, Routledge, New York, 2006.
- 2- Samir K. Sen, Military Technology on Defence Industrialization: The Indian Experience, Manas Publication, New Delhi, 2000.
- 3- Robert Jackson, Hi-Tech Warfare, Headline Publication, London, 1991.
- 4- Griffith and Paddy, Ultimate Weaponary, Blitz Edition Publications, London, 1991.
- 5- Air Commodore C. N. Ghose, Future Defence Challenges: Armed Force of the 21st Century, Manas Publications, New Delhi.
- 6- J. Norris, NBC – Nuclear, Biological & Chemical Warfare on the Modern Battlefield, Brassey's, U.K., 1997.
- 7- Emily O. Goldman and Leslie C Eliason (eds.) The Deffusion of Military Technology and Ideas, Stanford University Press, 2003.
- 8- Rajesh M. Basrur, Minimum Deterrence and India's Nuclear Security, NUS Press, 2009.

Paper XIV

South Asia: Conflict and Co-operation

Unit I

1. Geo-Political setting of South Asia.
2. Socio-Cultural and Economic structure of South Asia.

Unit II

1. Power rivalries in South Asia: USA. USSR., U.K and China

2. Strategic Importance of Afghanistan, Myanmar and China for South Asia

Unit III

1. Internal problems and conflicts in South Asian Region (Country profiles)
2. Role of Pressure Groups (Religious, Linguistic, Caste, Tribes, Women, Youth, Civil Society and Media) in the politico-military scenario of the South Asian countries.

Unit IV

1. Prospects of Sub-regional cooperation in South Asia
2. Regional Cooperation in South Asia under the aegis of SAARC

Unit- V

1. Conflict Map of South Asia : Regions, Issues and Parties
2. Peace Initiatives and movements in South Asia

Books recommended:

- 1-K.E.Boulding, Conflict and Defence : A General Theory, Newyork,1962
- 2-Anima Bose (ed), Peace and Conflict Resolution in World Community, New Delhi, 1919
- 3-Bhaskar Rao, Global Perceptions on Peace Education, New Delhi, 1996.
- 4-Peter Ackerman & Jack Duvall, A Force More Powerful : A Century of Non-Violent Conflicts, New York, 2000.
- 5-B. Boutros- Ghali, An Agenda For Peace : Preventive Diplomacy, Peace Making and Peace Keeping, (U.N.Report) New York, 1992.
- 6-B.U.Bright, Educating for Peace, New York, 1985.
- 7-Adam Curle, Another Way : A Mechanistic View of War and Peace,Cambridge, 1927.
- 8-A.C.Dasgupta, Non-Violence : The Invincible Power, Calcutta. 1956.
- 9-Lewis Caser, Functions of Social Conflict, New York, 1956.
- 10- J.W.Burton, International Conflict Resolution, New York, 1965.
- 11- Ghanshyam Purdeshi (Id.), Contemporary Peace Research, New Delhi, 1982
- 12- Johan Galtung, Struggle for Peace, Ahmedabad, 1984.
- 13- Johan Galtung, Peace by Peaceful Mean : Peace and Conflict, Development and civilization, Sage Pub, 1996
- 14- Johan Galtung. Essays in Peace Research, Copenhagen, 1975.
- 15- Quincy Wright, A Study of War, Chicago, 1965.
- 16- Indi's Role in SAARC, Dr Harsh Kumar Sinha, New Delhi, 1994

Paper XV

Practical and Viva-Voce

The students will be assigned with the responsibility to prepare/ conduct Computer-based exercised or Computer experiments on selected topic of contemporary relevance in the field of **National Security** for the following-

- 1- To prepare Computer graphics.
- 2- Lecture on the selected topics.
- 3- Power-Point presentation on the given topic.
- 4- Viva-Voce

Semester V

Paper XVI

Strategic Thought

Unit I

1. Machiavelli: The Renaissance of the Art of War
2. Napoleon: Element of Napoleonic war, concept of Strategy and Tactics

Unit II

1. Clausewitz: On war and its relationship with Politics, Strategy and Tactics
2. Jomini: Concept of Mass Army, Strategy, Tactics and Line of Operations.

Unit III

1. Moltke & Schlieffen: The Prussian-German School of strategic thought
2. Foch: The French School of strategic thought.

Unit IV

1. First- World War: Causes, policies of Allied and Axis Powers, causes of stalemate, use of Tank.
2. Fuller, Liddell Hart: Concept of Armored and Mechanized Warfare.

Unit V

1. Second World War: Strategic doctrine and tactics
2. Douhet : Theories of Air Power and Strategic Bombing during W.W.II

Books & Journals recommended –

- 1- L. Spalding & J. W. Wright, Warfare, Washington 1937.
- 2- F. Gilbert, Machiavelli, Art of War.
- 3- Makers of Modern Strategy, E. M. Earl, Princeton University, 1986
- 4- L. Montros, War Through The Ages, New York, 1960.
- 5- M.Howard, War In European History, London 1976.
- 6- J. F. C. Fuller Conduct of War, New Delhi
- 7- Machiavelli, The Prince, Britain 1961.
- 8- M. Howard, The Theory and Practice of War, London 1965.

Paper XVII

International Relations

Unit I

1. International relations: meaning, nature and scope.
2. Theories and Approaches:
 - (a) i. Realism
 - ii. Idealism.
 - (b) i. Historical approach
 - ii. Legalistic and institutional approach
 - iii. Utopian or ideal approach
 - iv. Realistic Approach
 - v. Behavioral Approach
 - vi. System Approach

Unit II

1. Foundation and limitation of National Power, National Interest and Foreign Policy.
2. Theories of Balance of Power and Collective Security.

Unit III

1. Non- alignment: concept and importance in modern time.
2. Development of international relations between-
 - i- India and USA
 - ii- India and Russia
 - iii- India and China
 - iv- India and Pakistan

Unit IV

1. Cold War: nature and evolution since 1945.
2. New Cold War.

Unit V

1. Regional or organization-SAARC, ASEAN, EEC.
2. Principles of India's foreign policy.

Books & Journals recommended:

- 1-Politics Among Nations – H. J. Morgenthau
- 2-Theoretical Aspects of International Politics –Dr. Mahendra Singh, Shivlal Agarwal & Company, Agra
- 3-International Relation – Palmer & Perkin
- 4-Strategic Analysis, IDSA, New Delhi

Paper XVIII

Politics and Security of the Indian Ocean

Unit I

1. Indian Ocean region as a concept and reality.
2. Coastal states, hinterland states and island:
 - (i) The Political characteristics of the region .

- (ii) Demographic survey
- (iii) The sub region

Unit II

1. Political, Strategic, Economic and Military importance of Indian Ocean
 - (iv) Ideologies in Indian Ocean
 - (v) Economic and strategic interdependence of the region
 - (vi) Super power vs. Middle Powers and militarization of the region
 - (vii) Strategic Importance of the region: Militarily and Economically

Unit III

1. Sub- regional Perspective:
 - (viii) Persian gulf
 - (ix) Red Sea & Horn of Africa
 - (x) Eastern and Southern Africa
 - (xi) South Asia
 - (xii) Australia and eastern Approaches

Unit IV

1. Major Sea routes in the region.
2. Interests of External Powers: USA, Russia, China, Japan, Western Europe.
3. Future trends and prospects of security in the region.

Unit V

1. Naval bases in the Indian Ocean Area during the Cold War and after.
2. Maritime Strategy of India.
3. Prospects of Cooperation in the Indian Ocean Region.

Books & Journals recommended:

- 1- The Indian Ocean and the Future of American Power, Robert D. Kaplan, Random House, 2010.
- 2- Maritime Forces in Pursuit of National Security, Gurpreet S Khurana, Shipra, 2008.
- 3- India's Maritime Security, Rahul Ray Chaudhary , IDSA and Knowledge world, New Delhi, 2010.
- 4- Sea Power and Indian Security, Rahul Roy Chaudhary, Bresssey's ,London and Washington, 1995.
- 5- Role of the Coast in the Maritime Security of India, Prabhakaran Paleri, Knowledge world, New Delhi, 2007.
- 6- Bridges Across the Indian Ocean, IDSA Publication.
- 7- An Indian Ocean Perspective, National Maritime Foundation Publication, New Delhi, 2005.
- 8- Andaman & Nicobar Islands, Dr. N Rajavel, Manas Publication 2007.
- 9- Janiye Hind Mahasagar Ko, Z.S. Qasim, Prabhat Prakashan, New Delhi 2007.
- 10- Hind Mahasagar: Chunautiya evam Vikalp , Prof. Hari Saran and Harsh Kumar Sinha, Pratiyush Pub. Delhi 2012.

- 11- India's Security Congress in the Indian Ocean Region, Dr. Anil Kumar Singh, Har- Anand Pub. New Delhi,2003.
- 12- Sea Power and the Indian Ocean, S.N.Kohli, Tata McGraw- Hill,1978.

Journals/Newsletters:

- i. Journal of Indian Ocean Studies, Society of Indian Ocean Studies Secular House, I Aruna asaf Ali Marg, New Delhi.
- ii. Maritime Affairs, Journal of National Maritime Foundation, New Delhi.
- iii. Indian Ocean Watch, Monthly Newsletter on the Indian Ocean Region, IDSA New Delhi.
- iv. Defence and Security Alert, New Delhi.
- v. Strategic Analysis, IDSA New Delhi.
- vi. Strategic Digest, IDSA , New Delhi.

XIX (B)

Conflict and Media

Unit-I

1. Conflict: Concept, Meaning and definitions.
2. Media : Concept, Meaning and definitions.

Unit-II

1. Inter retention between Conflict and Media.
2. Role of Media in International Conflict.

Unit -III

1. Information Age and changing dimensions of conflict.
2. Increasing Impact of Media on Society and States.

Unit –IV

1. National Security and Role of Media.
2. Role of Media in India: Size, Characteristics and Impact.

Unit-V

1. Terrorism and Media.
2. Media ethics and Laws regarding Conflict.

Books :

The Media of Conflict:War Reporting and Representations of Ethnic Violence Edited by Tim Allen and Jean Seaton

The Media at War: Communication and Conflict in the Twentieth Century. Susan Carruthers.

Media and Conflict: Framing Issues, Making Policy, Shaping Opinions Eytan Gilboa (Editor)

War and the Media: Reporting Conflict 24/7 Daya Kishan Thussu, Des Freedman

The Media of Conflict Tim Allen, Jean Seaton

War and Media Andrew Hoskins, Ben O'Lo

Media and Terrorism Des Freedman, Daya Kishan

War and the Media Paul M. Haridakis, Barbara

War and the media Miles Hudson, John Stanie

Paper XIX (B)

Science & Technology and Non-Traditional Security

Unit I

1. Non-Traditional Security (NTS): concept, nature & scope
2. Major NTS Threats and Challenges and their typologies

Unit II

1. Science & Technology and Indian Society: Food, Nutrition and Human Health and other concerns.
2. India's NTS policy for food, nutrition, human health and other concerns

Unit III

1. Energy security and its conventional sources.
2. Non-conventional options for India's Energy Security.
3. India's policy options for India's Energy Security

Unit IV

1. India's resource base.
2. Use of science and technology for the exploitation of resources in India's civil and defence sectors.
3. Resource scarcity and its linkage with conflict situations in India

Unit -V

1. India's integrated science policy for Non-Traditional Security (NTS) management.
2. Non-Traditional man- made risk reduction and India's Opportunities.

Books & Journals recommended -

- 1- Karsten Frey, India's Nuclear Bomb on National Security, Routledge, New York, 2006.
- 2- Samir K. Sen, Military Technology on Defence Industrialisation: The Indian Experience, Manas Publication, New Delhi, 2000.
- 3- Robert Jackson, Hi-Tech Warfare, Headline Publication, London, 1991.
- 4- Griffith and Paddy, Ultimate Weapo0nary, Blitz Edition Publications, London, 1991.
- 5- Air Commodore C. N. Ghose, Future Defence Challenges: Armed Force of the 21st Century, Manas Publications, New Delhi.

- 6- J. Norris, NBC – Nuclear, Biological & Chemical Warfare on the Modern Battlefield, Brassey's, U.K., 1997.
- 7- Emily O. Goldman and Leslie C Eliason (eds.) The Deffussion of Military Technology and Ideas, Stanford University Press, 2003.
- 8- Rajesh M. Basrur, Minimum Deterrence and India's Nuclear Security, NUS Press, 2009.

Or

Paper XIX (C)

Dissertation on any topic of the above papers

Paper XX

Practical and Viva-Voce

The students will be assigned with the responsibility to prepare/ conduct Computer-based exercised or Computer experiments on selected topic of contemporary relevance in the field of **International Security** for the following-

- 1- To prepare Computer graphics.
- 2- Lecturette on the selected topics.
 - a. Power-Point presentation on the given topic.
 - b. Viva-Voce