

UNIVERSITY OF PUNE

**M.A. /M.Sc. in Defence and Strategic Studies
(Semester System)**

For Post Graduate Centers in Recognized Colleges

And

External Students

SYLLABUS

(To be implemented from the Academic Year 2008-2009)

UNIVERSITY OF PUNE
List of Courses (M.A. / M.Sc. in Defence and Strategic Studies)
(From the Academic Year 2008-2009)

**FOR POST GRADUATE CENTERS IN RECOGNIZED COLLEGES AND
EXTERNAL STUDENTS**

All Post Graduate Centres of the University of Pune teaching Defence and Strategic Studies will have a Semester System with effect from the academic year 2008-2009.

Field Trip: Regular Students of M.A. / M.Sc. are required to go for at least one field trip during their two year course.

Syllabus

(From the Academic Year 2008-09)

Note:

1. (*) indicates compulsory course
2. External Students are NOT permitted to take the course DS401: Dissertation

Semester I

Course No.	Credits	Course Title
DS101*	4	Strategic Studies
DS 102*	4	Geopolitics and Military Geography
DS103*	4	International Relations
DS104*	4	National Security

Semester II

Course No.	Credits	Course Title
DS201*	4	Indian Military History
DS202*	4	Defence Organization of India
DS203*	4	Peace and Conflict Studies
DS204*	4	Research Methodology

Note: The Semester III and Semester IV syllabus will be implemented from July 2009

Semester III

Course No.	Credits	Course Title
DS 301*	4	Defence Economics
DS 302*	4	Science, Technology and National Security
DS 303	4	Strategic Survey
DS 304	4	Evolution of Strategic Thought (Pre 1945)
DS 305	4	International Organisation
DS 306	4	Defence Journalism
DS 307	4	Internal Security and Role of the State
DS 314	4	US and the World since 1991

(Students are required to take only TWO optional Courses in Semester III)

Semester IV

Course No.	Credits	Course Title
DS 401	4	Dissertation (NOT for External Students)
DS 402	4	Indian Maritime Security
DS 403	4	Disaster Management
DS 404	4	Regional Security in South Asia
DS 405	4	Contemporary Issues in Security Policy
DS 406	4	Study of Selected Conflicts in Post War Era
DS 415	4	Russia and the World since 1991

Note:

- 1. Regular Students of P.G. Centers are required to take any FOUR optional Courses in Semester IV**
- 2. External Students can choose any FOUR courses from the list of courses offered for Semester IV, except Course No. DS 401 Dissertation.**

Objectives for the Post-Graduate course in Defense and Strategic Studies.

The structure of the Post-Graduate course has been organized so as to ensure that there is minimum Core component which students of Defence and Strategic Studies shall have to study the basic requirement of the subject. This core component revolves around the following major subject areas. -

- (1) International Relations : This provides the broad field within which Nations of States and non-state factors interact. An attempt is made to provide for both of theoretical understanding of how and why Nations behave as they do and also a historical survey of the Major Trends in World Affairs.
- (2) Geo-Politics - Military Geography: Understanding of behavior of Nation Studies without the geographical context is usually a partial understanding. An attempt is made to provide the students with a perspective about Geo-political thinking and also the application and the interaction of Geography with problems of strategy.
- (3) Strategic Studies: This is one of the core courses that provide the students an understanding of various dimensions of warfare in the conventional and nuclear context.
- (4) Peace and Conflict Studies: The course of Peace and Conflict Studies introduces the students to the various nature and forms of conflict, approaches to conflict management and conflict resolution and also an understanding of some of the new approaches like comprehensive security and human security.
- (5) There are 4 different courses which are India Centric. This includes an understanding of Indian Military History, The Defense Organization of India, India's National Security, the Economics of Defense. These India Centric courses seek to relate the broad dimensions study at the International level to problems that are India specific.
- (6) Students of Social Science are also introduced to change in Science & Technology that have taken place since Industrial Revolution and the Impact that these changes have on approaches to National Security. This course also focuses on some of the emerging technologies like Electronics, Computers, Material Science, Bio-technology, etc. The purpose is to introduce the students to these different dimensions of Technology.
- (7) The Optional courses that are offered are Specialized Courses.

Method of Teaching -

- (1) There would be an attempt to introduce the Case Study Method while teaching the courses at the Post-Graduate level. Students would be asked to discuss specific cases that relate to the course which is being taught. Case studies would be used for the internal evaluation component of the course.

- (2) The students at the Post-Graduate level would also be taken for a Field Trip so as to introduce them to Defense Establishments or expose them to an area of Military History of India.

COMPULSORY COURSES FOR SEMESTER I

DS 101 Strategic Studies

1. Strategic Studies: Assumptions and Approaches
2. Theories and Causes of War
3. Deterrence: Concept, Nuclear Deterrence and Current Relevance.
4. Contemporary Warfare: (a) Conventional Warfare in Nuclear Age, (b) Limited War, (c) Revolutionary Warfare, (d) Guerilla Warfare and Low Intensity Operations, (e) Insurgency and Counter Insurgency, (f) Terrorism. (g) Asymmetric Warfare
5. Evolution of Nuclear Strategy: Early Debates on the relevance of Nuclear Weapons.
6. US Nuclear Strategy: Survey of US Nuclear Strategy and Doctrines from 1945 to the present.
7. Soviet Nuclear Strategy:
 - a. Political (Ideological), Historical and Geographic Influences,
 - b. Key Elements in Soviet Strategy.
8. Russian Nuclear Strategy/Policy making
9. Chinese Nuclear Strategy
10. Indian Nuclear Strategy
11. Pakistan's Nuclear Strategy

Readings

1. Paret Peter (ed) Makers of Modern Strategy : From Machiavelli to Nuclear Age (Oxford, 1986)
2. Baylis John, Booth Ken, Garnett John, and Williams Phil, Contemporary Strategy: Theories and Concepts Vol. I and II (London: Groom Helm, 1987)
3. Bobbit Philip, and others (ed) US Nuclear Strategy: A Reader (New York: New York University Press, 1989)
4. Garnett John (ed) Theories of Peace and Security: A Reader in Contemporary Strategy (Bristol: McMillan, 1970)
5. Bajpai Kanti and Mattoo Amitabh (ed) Securing India: Strategic Thought and Practice (New Delhi: Manohar, 1996)
6. Paranjpe Shrikant, Samarikshastra (in Marathi) (Pune: Continental, 1994) Paret Peter (ed) Makers of Modern Strategy : From Machiavelli to Nuclear Age (Oxford, 1986)
7. Jasjeet Singh and Manpreet Sethi, Nuclear Deterrence and Diplomacy (New Dehi: Knoweldge World, 2004)

DS-102: Geo-Politics and Military Geography

1. Scope and Importance of geopolitics
2. Evolution of Geopolitical Thought since the 19th Century: (a) Organic Theory of State (b) Sea Power Theory, (c) land Power Theory, (d) Rim Land Theory, (e) German Geopolitik
3. Geopolitics during the Cold War Period: (a) Cold War relevance of Heartland Theory, (b) Four Dimensional World
4. Geopolitics in the post cold war era.
5. Role of Geography in Military applications
6. Man and Environment : (a) determinism, (b) Positivism
7. Important and Scope of Logistics: (a) Resources, (b) Industries, (c) Supply Chain, (d) Transportation and Communication
8. Planning Process and Principles of Strategic Geography
9. Role of Geography in Land Warfare
10. Role of Geography in Sea Warfare
11. Role of Geography in Air Warfare
12. Geography of Space Warfare
13. Weather conditions of Sea as factors in amphibious and airborne operations
14. Military Geography of India and Defence Problems: (a) India's boundaries, terrain in border areas, weather and communication, (b) Population in border areas and its implications to border security (c) geography of insurgency and counter insurgency in India

Readings:

1. Dikshit R. D , Political Geography: The Discipline and its Dimensions (New Delhi: Tata Macgraw Hill, 1994)
2. Harm j. Di Blij, Systematic Political Geography (New York: John Wiley and Sons, 1973)
3. Taylor P. J, political Geography: World Economy, Nation Stae and Locality (London: Longman, 1895)
4. Peltier Louis and G. Etzel Perarcy, Military Geography (New Delhi: East West 1981)
5. Sukhwal b. L, Modern Political Geography, (New Delhi: Sage, 1985)
6. Mahan A T., Sea Power (London: Methuem and Co, 1975)
7. Presscot J. R. V, political Geography (London: Methuem and Co, 1972)

DS 103 International Relations

1. Introduction to the understanding International Relations
2. Theories and Approaches: (a) The Classical Approaches- Realism and Idealism, (b) The Scientific Revolution- Behavioral approach, Systems Approach, Decision Making Theories, Game Theory (c) Neo Liberalism (d) Neo Realism, (e) International Political Economy (d) Transnationalism.
3. Cold war: Nature and evolution since 1945
4. Détente: Nature and US and Soviet perceptions
5. New Cold War
6. Developments in the Third World: Regionalism, and Nonalignment
7. Evolution of International Economic Issues: Breton Woods System; NIEO; North-South; GATT and WTO.
8. The 1989 changes in East Europe, Soviet disintegration.
9. New World Order and Globalisation.

Readings:

1. Calvocoressi Peter World Politics since 1945 (London: Longman, 2000).
2. Baylis John and Smith Steve, The Globalisation of World Politics: An Introduction to World Politics (Oxford: Oxford University Press, 1997)
3. Goldstein Joshua, International Relations (New York: Harper Collins College Publications 1994)
4. Palmer N.D. and Perkins H.C. International Relations (Calcutta: Scientific Book Agency)
5. Mahendra Kumar, Theoretical Aspects of International Relations (Agra: Shivrul Agarwala & Co, 1984)
6. Said A.A. Theory of International Relations
7. Baylis John and Smith Steve, The Globalisation of World Politics: An Introduction to World Politics (Oxford: Oxford University Press, 1997)
8. Goldstein Joshua, International Relations (New York: Harper Collins College Publications 1994)
9. Zeigler David, War, Peace and International Politics (Boston: Little Brown & Co., 1981)
10. Jackson Robert and George Sorensen Introduction to International Relations (Oxford: Oxford University Press, 1999)
11. Kegley Charles W. Jr., and Whittkopf Eugene R, World Politics : Trends and Transformation (Hampshire: Mac Millan 1989)
12. Williams Mare (ed) International Relations in the Twentieth Century: A Reader (London: Macmillan, 1989)

Journals: International Studies (New Delhi), India Quarterly (New Delhi)

DS 104 National Security

1. Concepts: Nation; Nationalism; Nation State; National Power and National Security.
2. Key Concepts of Security: (a) Balance of Power, (b) Collective Security, (c) Neutrality, (d) Nonalignment, (e) Equal Security, (f) Common Security.
3. Approaches to Peace: (a) Diplomacy, (b) International Law, (c) United Nations, (d) Arms Control and Disarmament. (e) Track II diplomacy
4. Problems of India's Security: The Conceptual Framework- Global, Regional and Local environment and its impact on Security thinking. – National Interest and protection of core values
5. Problems of India's Internal Security and the Role of the State (Political, economic, socio-cultural and other dimensions, Terrorism, insurgency, etc.)
6. India's Nuclear Policy
7. India and Pakistan (focus on issues of dispute and efforts at normalisation)
8. India and China (focus on issues of dispute and efforts at normalisation)
9. India and the United States (post 1990-91)
10. India and Russia (post 1990-91)
11. India and the Asia Pacific (post 1990-91)
12. India and Europe (post 1990-91).
13. India and West Asia (post 1990-91)
14. SAARC
15. India and the emergent world order (since 1991)

Readings

1. Mishra K.P. (ed) Foreign Policy of India: A Book of Readings (New Delhi: Thompson (1977)
2. Prasad Bimal (ed) India's Foreign Policy: Studies in Continuity and Change (New Delhi: Vikas, 1979)
3. Sen Gautam,
4. Haksar P.N. India's Foreign Policy and its Problems ((Delhi: Atlantic, 1993)
5. Paranjpe Shrikant Parliament and the Making of Indian Foreign Policy: A Study of Nuclear Policy (New Delhi Radiant, 1997)
6. Thakkar Usha and Kulkarni Mahesh India in World Affairs: Towards the 21st Century (Mumbai: Himalaya, 1999)
7. T.D Joseph, Winning India's Next War, (New Delhi: Knowledge Publishers, 2008)
8. Annual Reports of the Ministry of Defence, Ministry of Home and Ministry of External Affairs.
9. Vijay Khare, Dr. B.R Ambedkar and India's national Security)New Delhi: Kilaso, 2005)

Journals:

International Studies (New Delhi), India Quarterly (New Delhi)

Report:

Annual Report, Ministry of External Affairs, Government of India, New Delhi (Latest available)

COMPULSORY COURSES FOR SEMESTER II

DS 201 Indian Military History

1. Defining Military History of India
 - a) What is Military History
 - b) Basic Concepts of Military History
 - c) A Brief survey of the Military Tradition/s of India

2. Historiography of the Military History of India (Approaches)
 - a) Perspectives on the Military History of India
 - b) The Historical approaches within military history of India

3. Military History of Ancient India (Wars/ battles, Institutions, principles, philosophy, techniques, weapons, doctrines, strategies and tactics, reasons for victory or defeat, lessons learnt)

4. Military History of the Medieval India:
 - a) The Turkish Invasion of India: Mahmud of Ghazni and Mahmud of Ghor
 - b) The Sultanate of Delhi: The Slave Dynasty, The Khaljis, The Tughluqs and the Lodhis
 - c) The Rajputs (The Rajput Military Tradition)
 - d) The Mughals
 - e) The Marathas
 - f) The Sikhs
 - g) The other regional military traditions of the medieval period in India

3. The British Period:
 - a) The Nature of the Indian Military Resistance to the British (East India Co.) Army/ Aggression or expansion
 - b) The Making of the British Military forces (land forces)
 - c) The Command Structure of the British (Company's) Army
 - d) The British Military Operations in the 19th century: Anglo Mysore Wars; Anglo Maratha wars; Anglo Sikh wars and Revolt of 1857.
4. British Indian Army
 - a) Rise of Presidency Armies
 - b) Indianisation of Indian Army
 - c) Nationalization of Indian Armed Forces.

5. Indian National Army.

Readings

1. Banks, Arthur, *A World Atlas of Military History*, Vol. 1 (1973)
2. Effenberger, David, *A Dictionary of Battles* (1966)
3. Sloan, John F., *The International Military Encyclopedia* Vols. (1983-)
4. Windrow, Martin and Francis K. Mason, *A Concise Dictionary of Military Biography* (1975)
5. Vishwa Bandhu, *Ideologies of War and Peace in Ancient India* (Hoshiarpur: 1975).
6. Gurcharan Singh Sandhu, *A Military History of Ancient India*, Delhi, 2000
7. P. C. Chakravarty, *The Art of War in Ancient India* (Delhi: 1972).
8. Jagdish Narayan Sarkar, *The Art of War in Medieval India* (Delhi: 1984)
9. Sir Jadunath Sarkar, *Some Aspects of Military Thinking and Practice in Medieval India* (Calcutta: 1969)
10. Gurcharan Singh Sandhu, *A Military History of Medieval India*, Delhi, 2003
11. Pradeep Barua, "Military Developments in India, 1750- 1850," *Journal of Military History*, vol. 58, 1994
12. G. J. Brynat, "Assymetric Warfare: The British Experience in Eighteenth Century India," *Journal of the Military History*

Select Journals

1. Armed Forces and Society
2. Journal of Strategic Studies
3. Journal of Military History
4. War and History
5. War and Society

DS 202 Defence Organization of India

1. Higher Defence Organisation in India
 - a. Cabinet Committee on Security
 - b. National Security Council, National Security Advisor; Strategic Policy Group and national Security Advisory Board
2. Ministry of Defence
 - a) Departments:
 - Department of Defence
 - c. Department of Defence Production

- d. Department of Defence Research and Development
- e. Department of Ex-Servicemen Welfare
- b) Integrated Defence Staff
- c) Defence Intelligence Agency
- d) Defence Acquisition Council
 - Defence Procurement Board
 - Defence Production Board
 - Defence Research and Development Board
- e) Defence Technology Council
- f) Andaman and Nicobar Command and Strategic Command
- 3. Paramilitary Forces (Ministry of Home)
 - Assam Rifles, the Border Security Force, the Central Industrial Security Force, the Central Reserve Police Force, the Indo-Tibetan Border Police, and the Rashtriya Rifles (National Rifles).
 - 1. Intelligence Agencies
 - 2. Kargil Review Committee Recommendations

Readings:

1. Ministry of Defence, Annual Reports
2. Defence Year Book (Annual)

DS 203 Peace and Conflict Studies

1. Peace and Conflict Studies: Nature and Scope
2. Conceptual analysis of Conflict and Peace
3. Nature and forms of Conflict
4. Conflict Management and Conflict Resolution
5. UN System : Pacific Settlement of Disputes
6. UN System: Peace Keeping, Peace making and Adjudication
7. Disarmament and Arms Control
8. Confidence Building Measures
9. Functional Approaches and Regionalism
10. Gandhian Approach and its relevance today
11. Comprehensive Security and Human Security
12. Peace Research and Peace Movements

Readings:

1. Anatol Rapoport, Conflict in Manmade Environment (London: 1974)
2. J.W.Burton, Conflict and Communication (London, 1969)
3. C. Smith, Conflict Resolution (London, 1969)

4. David Mitrany A Working Peace System (Chicago, 1966)
5. Michal Hass International Conflict (New York, 1965)
6. Chomsky, Noam, , World Orders: Old & New, Oxford University Press,1999
7. Galtung, John, Peace by Peaceful Means, Sage., 1996

DS 204 Research Methodology

This introduces the students to various tools and approaches used in social sciences and the formulation of a Research Framework.

1. Nature of Social Sciences and Research
2. Recent trends in Social Science Research
3. Descriptive and Historical Methods
4. Scientific Approaches
5. Planning a research Project.

Readings:

1. M.H. Gopal, An Introduction to Research procedure in Social Sciences, (Asia Publications, 1970)
2. J A Khan Research Methodology (APH Publications, New Delhi, 2007)

COMPULSORY COURSES FOR SEMESTER III

DS 301 Defence Economics

1. Economic Theories of Defence
2. Determinants of Defence/Security Expenditure
3. Framework for analysis of India's Security Expenditures
4. India's Defence Budget
5. Defence and Development
6. Rationale of Arms production
7. Defence production in India
8. Economic Instruments of Policy
9. An analysis of India's security expenditures since 1947.

Readings

1. Ron Mathews, Defence Production in India (New Delhi: ABC, 1989)
2. Jasjit Singh, India's Defence Spending: Assessing Future Needs (New Delhi: Knowledge Publishers, 2001)
3. Y.Lakshmi, Trends in India's Defence Expenditure (New Delhi: ABC, 1988)
4. V.P.Malik and Vinod Anand, Defence Planning: Problems and Prospects (New Delhi: Manas, 2006)
5. Annual Reports of the Ministry of Defence, Government of India.

DS 302 Science, Technology and National Security

(This course seeks introduce science and technology to defence applications)

1. Introduction to Military Technology - its relevance to National Security.
2. Technological changes in the last two decades - emerging technologies.
 - (a) Energy
 - (b) Electronics, Computers, nanotech and Artificial Intelligence.
 - (c) Material Science.

- (d) Biotechnology.
 - (e) Communications and Information Technology.
 - (f) Transportation and vehicle technology.
3. Application of new technologies to:-
- (a) Armament and Weapon systems.
 - (b) Missile Technology.
 - (c) Communications and Radar technology.
 - (d) Electronic Warfare and Information Warfare.
 - (e) RNBC Warfare and Nuclear Energy.
 - (f) Aircraft and Ships.
 - (g) Satellite and Space technology.
 - (h) Intelligence.
 - (j) Logistics (transport, supplies, inventory, medical, repair, clothing and equipment).
 - (k) Border Management.
4. Impact of developing technologies on Military Doctrine and conduct of warfare.
5. Application of new technologies for Internal Security, Disaster Management, Training and Administration.
6. Non military use of modern technologies and their impact on National Security (Power and energy, Trade, Economy, Banking, Media etc).

Readings

1. Nanda B.S. Science and Technology in India's Transformation (New Delhi: Concept, 1986)
2. Kenneth Maksey Technology in War (London, 1961)
3. M.R. Bhagwan Technological Advance in the Third World: Strategies and Prospects (Bombay: Popular, 1990)
4. Science and Technology and their Implications for Peace and Security (New York, UN, Dept of Disarmament, 1990)

OPTIONAL COURSES FOR SEMESTER III
(Choose any Two Courses)

DS 303 Strategic Survey

This is a broad survey of various global strategic issues

1. Issues: (a) Nuclear Nonproliferation, (b) Terrorism, (c) UN Peace keeping
2. Issues of strategic concern in the following regions:
 - (a) America: Economic Crisis in the US
 - (b) Europe: Process of European Integration through the European Union; Resurgence of Russia and its impact on Europe.
 - (c) West Asia: Palestinian question; Growing importance of Iran in the region.
 - (d) South, East and South East Asia: China's growing presence in the Indian Ocean Region; the Kashmir Problem and Ethnic conflict in Sri Lanka.

Readings

1. IISS, Strategic Survey (latest survey)
2. IDSA, Asian Strategic Review (latest survey)

DS 304 Evolution of Strategic Thought (Pre 1945)

1. Evolution of Strategic Thought: Early Years
 - Kautilya
 - Sun Tzu
 - Thucydides
 - Machiavelli
2. Period of Nationalism and Industrial Revolution
 - Henri Jomini
 - Karl von Clausewitz
 - Impact of the American Civil War
3. Period of Armed peace: 1871 – 1914
 - French Colonial Warfare: Marshal Thomas-Robert Bugeaud, Joseph-Simon Gallieni and Hubert Lyautey
 - Naval Historian: Alfred Mahan
 - Helmuth von Moltke and Alfred von Schlieffen

4. Age of Total War: 1914-1945
 - Doctrine of Offensive
 - Mechanised Warfare and Blitzkrieg
 - Liddel Hart
 - Air Power
5. Soviet Strategic Thought
 - Role of ideology
 - M.B. Frunze, Gusev and Trotsky

Readings

1. Paret Peter (ed) Makers of Modern Strategy : From Machiavelli to Nuclear Age (Oxford, 1986)
2. Baylis John, Booth Ken, Garnett John, and Williams Phil, Contemporary Strategy: Theories and Concepts Vol. I (London: Groom Helm, 1987)
3. Paranjpe Shrikant, Samarikshastra (in Marathi) (Pune: Continental, 1994)

DS 305 International Organisation

The course focuses on the structure and working of the United Nations with special reference to peace and security

1. The Structure of the United Nations: (a) General Assembly, (b) Security Council, (c) ECOSOC, (d) Trusteeship Council, (e) International Court of Justice, (f) Secretariat
2. Preservation of peace:
 - (a) Collective Security System
 - (b) Pacific Settlement
 - (c) Enforcement Action
 - (d) Peace keeping
 - (e) Regional Security Arrangements
 - (f) Disarmament
3. Reforming the United Nations

Readings

1. Wood Robert, (ed) The Process of International Organisation (New York: Random House, 1971)
2. K.P.Saksena, Reforming the United Nations (New Delhi: Sage, 1993)
3. SJR Bilgrami, International Organisation, (New Delhi: Vikas, 1983)
4. M.S.Rajan, World Order and the United Nations (New Delhi: Har Anand, 1995)
5. Sugatha Ramcharrit, United nations and World Politics (New Delhi: Kaniksha, 1998)
6. Sukhbir Singh, Structure and Functions of the United Nations Organisation (New Delhi: Kaniksha, 1995)

Journal: International Organisation

DS 306 Defence Journalism

1. Definition, Nature and Scope of Journalism - Qualifications, Duties and Responsibilities of Journalists - Journalism as a profession - Media and Society. Characteristics of Mass Media: Newspaper, Magazine, Radio, TV, Cinema.
2. Journalistic writing, characteristics and types - news, features, articles, editorials, columns, letters to the editors & review.
3. Structure of the Defence Establishments in India
3. Introduction to Specialization in Journalism - Defence Journalism
4. Code of ethics for media - brief introduction to recent trends in mass media; Cultural imperialism, Infotainment, media activism, agenda setting, gate keeping,

Readings

1. M. V. Desai and Seventi Ninan (ed) Beyond Those Headlines – (Media Foundation, Allied Publishers Ltd.)
2. D.S.Mehta Mass Communication and Journalism in India
3. B.G.Varghese Indian Journalism
4. M. V. Kamat Professional Journalism
5. B. N. Ahuja Theory and Practice of Journalism
6. Defence Yearbook (Annual)

DS 307 Internal Security and Role of the State

1. The State:
 - a. Meaning and Elements
 - b. Role of the State
2. Internal Security:
 - a. Understanding the nature of internal security
 - b. Dimensions of the Problem: Political, Economic and Socio-cultural.
3. Approaches to the problem of Internal Security:
 - a. Role of Force
 - b. Role of Political Institutions

- c. Role of Civil Society
 - d. Role of the Media
4. Case Studies in India
- a. Kashmir Problem
 - b. Naxalite problem
 - c. Agitations over economic / developmental issues (including SEZ)
 - d. Agitations over religious and caste issues

Readings

1. Shrikant Paranjpe India' s Internal Security : Issues and Perspectives (Kalinga,New Delhi,2009)
2. Inderfurth,Kari F,and Johnson,Lock K, ED: Fateful Decisions: Inside tHE National Security Council (Oxford University Press, New York,2004)
3. Samaddar, Sujeet Defence Development and National Security : Linkages in the Indian Context. (Gyan Publishing House. N Delhi 2005)
4. Bhonsle, Rahul K. India- Security Scope 2006: The New Great Game Kalpaz Publication, (Delhi 2006)
5. Carpenter, William M. and Wiencek, David G., Ed. Asian Security Handbook: (Terrorism and the New Security Environment. Pentagon Press, New Delhi. 2007)
6. Singh, Anand K. Ethnicity and Security of India. Anubhav Pub. House, (Allahabad 2008)
7. Vijay Khare, India in Global Politics (K'Sagar, Pune 2008)

DS 314 US and the World since 1991 (Study of US Foreign and Security policies)

1. Impact of the disintegration of Soviet Union on US strategic perspectives.
2. US Policies towards Europe:
 - a. NATO
 - b. The disintegration of Yugoslavia including the problems of Kosovo
3. US policies towards nuclear proliferation
4. US approaches towards countering terrorism (post 9/11)
5. US and West Asia (Middle East):
 - a. Iraq (since 1990)
6. US policies Afghanistan-Pakistan policies (since 9/11, focusing on the problems of Taliban and terrorism)
7. US and China
8. US India strategic dialogue (including the civilian nuclear deal)

Readings

Gardner, Hall American Global Strategy & the War on Terrorism Ashgate Publishing Limited, England 2005

Forsythe, David P., McMahon, Patrice C. And Wedeman, Andrew., Ed. American Foreign Policy: In a Globalized World Routledge, London 2006

Smith, Martin A. Ed. Where is NATO Going? Routledge Taylor & Francis Group, New York 2006

Whittkopf, E.R., Kegley,C.W. & Scott,J.M. American Foreign Policy: Pattern and Process Edn.6th Thomson Wadsworth,USA 2003

Journals:

International Security

Current History

Foreign Affairs

OPTIONAL COURSES FOR SEMESTER IV

Regular Students: Choose any Four

External Students: Choose and Four (Except DS 401: Dissertation)

DS 401 Dissertation

(This course is not to be taken by external students)

Students are advised to select their topic in consultation with their guide.

The dissertation is a longish research essay (of about 30 to 40 pages /approx. 10,000 words).

Format of Submission:

1. Students are required to submit TWO Copies of the dissertation, duly typed and bound.
2. Use A 4 size paper preferably use Times New Roman script with 12 font size and one and a half spacing for lines.
3. The sequence of pages (format) should be as follows:
 - i. Cover page indicating only the title
 - ii. Title page giving the name of the author, title of the dissertation, name of the guide, place of research and month and year of submission.
 - iii. Preface including acknowledgements

- iv. Table of contents that lists chapter titles and appendix if any
- v. Various chapters
- vi. Appendices if any
- vii. Bibliography

.Evaluation

1. The evaluation shall be done by the Internal Examiner (Guide) and one External Examiner from within the Department or the Post Graduate Centre. (Evaluation done in a combined manner for 70 marks)
2. Students would have to make a seminar presentation in the Department or the Post Graduate Centre. (Evaluation done by the Guide and the External Examiner who evaluates the written report in a combined manner for 30 marks)

DS 402 Maritime Security

1. Marine Environment: Brief history of oceans; Maritime boundaries; Maritime Zones, 1976 Act; Territorial Sea, Contiguous Zone, Continental Shelf, Legal Continental Shelf, Exclusive Economic Zone, High Seas; Rights and duties of the coastal states in various zones; The Law of the Sea Convention; Marine Pollution and its protection.
2. Maritime Assets: Fixed Assets, ports and infrastructure therein, naval bases and infrastructure therein, oil rigs and exploration platforms, light houses, navigational aids; Moveable Assets, warships, merchant ships, fishing vessels and crafts, dredgers, underwater pipelines etc.
3. Navy and its Role: Historical backdrop as to its need; Mahanian postulation; Types of warships including aircraft carriers and submarines both conventional and nuclear; Weapons including missiles and anti-missiles; Post Independence historical naval operations including 1971 operations; Navy's role both defensive and offensive; Global Scenario particularly the US navy, Royal Navy, the Chinese navy and the Pakistan navy etc.
4. Coast Guard and its Role: Its origin and need; Functions including SAR, anti smuggling and anti-poaching roles, protection of marine environment. Its role in times of war and during emergencies such as massive oil pollution etc.
5. Merchant Navy and its Role: Types of ships including gas carriers and containerships etc, its role in the economy of the country etc.
6. Maritime Threats (I): Dimensions of Maritime Security; National Security – Defence of coastline and island territories and defence of fixed maritime assets

against conventional state enemies or potential enemies; Defence of Lines of Communications; Convoy system, World War II convoys; Landing Ship Tanks and their role; Submarines and submarine operations including nuclear submarine operation

7. Maritime Threats (II): Threat to maritime trade; Terrorism, examples of terrorist groups: LTTE, Free Aceh Movement, Abu Sayyef, Al Qaeda; Piracy, types of piracy, methods of attack, piracy reporting and precautions; Stowaways, People Smuggling, human trafficking; Drugs, where they come from, cocaine, crack cocaine, heroin, cannabis, synthetic drugs, drug carriers, drugs and security.
8. Maritime Threats (III): Threat to Shipping; Oil tankers; Containers and containerships; LPG and LNG carriers; Bulk Carriers; Passenger/Cruise Ships; Basics of Cruise ship security; Miscellaneous vessels; Physical security, surveillance, patrols; Choke points, seaways, ship canals; Cyber threats.
9. Maritime Security: Evolution, 1961-attack on Dara, 1984- Achille Lauro; IMO and its role in maritime security; SUA (Suppression of Unlawful Acts Convention); ISPS Code (International Ship and Port Facility Security); SOLAS and Security.
10. ISPS Code: Elements of the Code, role of ports, companies, ships; their obligation, training and education of personnel; Operational and commercial implication of the Code; policing security; International Port State Regimes; Security levels; Ship security plans.
11. Miscellaneous Security Measures (I): Security and seafarers, identity, Biometrics, border control; security planning and practice; Basic shipboard security procedures, who to search, what to search, when to search, search techniques, baggage search, searching spaces, search techniques; stowage, bomb threats.
12. Miscellaneous Security Measures (II): Security equipment; AIS (Automatic Identification System); Ship Security Alert System (SSAS); LRIT (Long Range Identification and Tracking); Common security measures such as access control, locks, coded and biometric locks, barriers , gates; Screening equipment, metal detection, baggage screening, vapour detection, x-ray systems, physical search, use of dogs; Monitoring ship security; automatic intruder devices; CCTV (Closed Circuit TV); Night vision equipment; Blast containment equipment; Property tagging, firearms; Long range acoustic devices, armed guards.
13. Miscellaneous Security Measures (III): Ports and Port Facilities; Perimeter protection and fencing, port perimeter security sensors; Number plate recognition system; Security lighting; Hi/low motion activated lighting; X-ray, Gamma Ray and Neutron Scanning; Underwater Surveillance; Waterside Barriers; Boat patrols; Vessel traffic Services (VTS); Security Equipment Objectives; Security equipment/system limitations.

Readings

1. Rahul Roy Chaudhary, India's Maritime Security (Knowledge World, New Delhi, 2000)
2. V.R.Raghavan and Lawrence Prabhakar, Maritime Security in the Indian Ocean Region: Critical issues in Debate
3. K.R.Singh New Challenges to Maritime Security: Legality and Legitimacy of Responses
4. Freedom to use the Seas: India's Maritime Military Strategy (Integrated HQ, Ministry of Defence, (Navy), New Delhi, 2007)
5. Steven Jones Maritime Security: A Practical Guide (London: Nautical Institute)
6. Ravi Vihra and D.Chakraborty, (ed) Maritime Dimensions of a New World Order (New Delhi: National maritime Foundation)

DS 403 Disaster Management

1. Disaster Management Concepts of disaster; Types of disaster? natural and manmade : Cyclone, flood, land slide, land subsidence, fire and earthquake. Issues and concern for various causes of disasters.
2. Principles of Disaster Management, Natural Disasters, Hazards, Risks and Vulnerabilities.
3. Assessment of Disaster Vulnerability of a location and vulnerable groups. Preparedness and Mitigation measures for various Disasters.
4. Preparation of Disaster Management Plans.
5. Issues in Environmental Health, Water & Sanitation, Earthquake Mitigation, Floods, Fire, Landslides and other natural calamities.
6. Post Disaster Relief & Logistics Management.
7. Emergency Support Functions and their coordination mechanism.
8. Resource & Material Management.
9. Management of Relief Camp.
10. Information systems & decision making tools.
11. Voluntary Agencies & Community Participation at various stages of disaster management.
12. Role of military and paramilitary forces during disaster.
13. Role of Remote Sensing, Science & Technology.
14. Rehabilitation Programmes
15. New Initiatives

Readings

1. Colonel (Retd) P.P. Marathe 'Concepts and Practices in Disaster Management' Diamond Publications Pune 2006.
2. Rajdeep Dasgupta 'Disaster Management and Rehabilitation' A Mittal Publications New Delhi 2007.

3. Kamal Taori 'Disaster Management through Panchayat Raj' Concept Publishing Company New Delhi 2005.
4. Reddy, A.V.S., Study Report on vision document for Creation of National Centre for Disaster Management (NCDM)/National Disaster Management Bureau.(NDMB)

DS 404 Regional Security in South Asia

1. Regionalism in South Asia.
2. India & South Asian States.
3. Pakistan & South Asian States.
4. China & South Asian States
5. Defence & Foreign policy problems of Afghanistan.
6. South Asia & Indian Ocean.
7. South Asia & other developing States
8. South Asia & Asia Pacific States.
9. South Asia & European States.
10. External influences in South Asia.
11. Interaction among South Asian States.
12. Foreign & Defence policy challenges of South Asia.

Readings

1. Gousalues, Eric and Nancy Jetly, eds., "The Dynamics of South Asia : Regional Corporation and SAARC", (New Delhi : Thousand Oaks, London : Sage Publication, 1999).
2. A, Vandana and Ashok C. Shekla, "Security in South Asia : Trends and Directions", (New Delhi : APH Publishing Corporation, 2004).
3. Gupta, Bhabani Sen, "South Asian Perspectives : Such nations in conflict and Co-operation", (Delhi : B. R. Publishing Corporation, 1988).
4. Cohen, Stephen Philip, ed., "The Security of South Asia : American and Asian perspectives", (New Delhi : Vistaor Publications, 1987).
5. Jethy, Nancy ed., Regional Security in South Asia : The Ethao ---- Dimensions", (New Delhi, 1999).
7. Suvarna Rajagopalan, ed., "Security and South Asia : Ideas, Institutions and Initiates", (New Delhi : Routledge, 2006).
8. Rafiq Dossani and Heury S. Rowen, eds., "Prospects for peace in South Asia", (Hyderabad, Orient Longman, 2005).

9. Shrikant Paranjpe India and South Asian since 1971 (Radiant, New Delhi 1985)

DS 405 Contemporary Issues in Security Policy

1. Contemporary Geostrategic Landscape: Focus on post cold war geostrategic readjustments and their implications on recent global developments related to politics, economics and defence/security.
2. Non-Military Dimensions of Security: Contemporary issues of Strategic Importance:(a) Environmental Issues, (b) Cultural Conflicts, (c) Humanitarian issues and Human Rights, (d) Gender Issues (e) Energy Crisis (f) Comprehensive Security

Readings

1. Baylis John and Smith Steve, The Globalisation of World Politics: An Introduction to World Politics (Oxford: Oxford University Press, 1997)
2. Goldstein Joshua, International Relations (New York: Harper Collins College Publications 1994)
3. Zeigler David, War, Peace and International Politics (Boston: Little Brown & Co., 1981)
4. Jackson Robert and George Sorensen Introduction to International Relations (Oxford: Oxford University Press, 1999)
5. Kegley Charles W. Jr., and Whittkopf Eugene R, World Politics : Trends and Transformation (Hampshire: Mac Millan 1989)
6. Williams Mare (ed) International Relations in the Twentieth Century: A Reader (London: Macmillan, 1989)

DS 406 Study of Selected Conflicts in Post World War II Era:

The following conflicts are being identified for study:

- (a) West Asia: Iran-Iraq war; Gulf War (1990), Iraq (2003 and 2007), Israel and the Palestinian conflict.
- (b) Afghanistan conflicts since 1979
- (c) Indo-China war 1954-1975
- (d) Europe: Yugoslavia since its disintegration

The focus of this course is informative, students are not to go into detail study of battles but focus on policy level issues. The listing of conflicts would change from time to time.

Readings

A World Atlas of Military History, 1945-1984 (London: Lee Cooper, 1984)
Atlas of 20th Century Warfare (London: Bison Books, 1986)
IISS, Strategic Survey (latest survey)
IDSA, Asian Strategic Review (latest survey)

**DS 415 Russia and the World since 1991
(Study of Russian Foreign and Security policies)**

1. Russian strategic perspective in the aftermath of Soviet disintegration.
2. Yelstin Years (1991 to 1999)
 - a. World View
 - b. Problems of internal consolidation
 - c. Chechnya
3. Putin Years (from 2000):
 - a. Putin's 'The Concept of Russian Federation's Foreign Policy' statement and corresponding strategic perspectives
4. Russia and the US
 - a. NATO
 - b. Nuclear Proliferation and Arms control issues
5. Russia and China, CIS and Central Asia:
 - a. Georgia
 - b. Shanghai Cooperation Council
6. Russian policies towards countering terrorism
7. Russia - India Strategic Partnership

Readings

Hedenskog, Jakob, Russia As A Great Power: Dimensions of Security Under Putin Routledge Publishers, 2005

Mahapatra, Debidatta Aurobinda India- Russia Partnership: Kashmir, Chechnya and Issues of Convergence New Century Publication, New Delhi

Kanet, Roger E., Ed., The New Security Environment: The Impact on Russia, Central and Eastern Ashgate Pub, 2005

Aldis, Anne C. and Mcdermott Roger N., Ed. Russian Military Reform 1992- 2002 Frank Cass, London 2003

Miller, Steven E. and Trenin, Dmitri V., Ed. The Russian Military: Power and Policy, MIT Press, London 2004,

Rogers, Paul War Too Far: Iraq, Iran and the New American Century Pluto Press, London 2006

Journals:

Current History (October 2007, October 2008 and October 2009 Issues)

Nonproliferation Review, Vol. 14 No. 2, July 2007 (For article on Russian Nuclear Doctrine)

Foreign Affairs