

UNIVERSITY OF PUNE

Syllabus for S.Y.B.Sc in Defence and Strategic Studies

To be Implemented from 2013-14

Semester I

Course No.	Title of the Paper
DSSY 101	Study of Conflicts and Peace
DSSY 102	Military Geography
DSSY 103	Contemporary Strategy

Semester II

Course No.	Title of the Paper
DSSY 201	Conflicts Management and Resolution
DSSY 202	Geopolitics
DSSY 203	Contemporary World and Security

SEMESTER I

DSSY 101: Study of Conflicts and Peace

1. Conflicts and peace Studies: Basic concepts; Definition; Origin/ Historical background of the study
2. Conflicts and peace studies: Nature and Scope of the Study
3. Conflicts and peace Studies: Approaches/Theories And Models
4. Conflicts and peace Studies: Conflicts within states: Nation state (Nationalism); Cultural Identity And Civil Society; Self Determination; Ethnicity etc
5. Conflicts and peace Studies: Problems of Peace Building In 21st century

Selected Readings

1. Chomsky Noam, World Orders: Old and New, Oxford University Press,1999
2. Galtung Jhon,Peace by peaceful means, Sage publication,1996
3. Huntington Samuel P, The clash of civilization and the remaking of world order, Penguin Books,1997
4. Lederach Jhon Paul, Preparing for peace: Conflicts Transformation Across cultures, Syracuse University press,1995
5. Sandole Dennis J.D, Conflict Resolution: Theory and practice, Hugo van der Merwe,1996
6. Wallenstein, Peter(ed),Peace Research: Achievements and Challenges, West view Press,1988
7. Banks Michael & Mitchell Christopher(Eds) A Handbook on the Analytical problems-Solving Approach, Institute for conflict Analysis & Resolution, George Mason University,1990
8. Burton Jhon & et al, Conflict: Practices in Management, Settlement and Resolution, St Martin's Press,1993
9. Anatol Rapport, Conflict in manmade Environment (London,1974)
10. J.W. Burton, Conflict and communication(London,1969)
11. C. Smith, Conflict Resolution(London,1969)
12. David Mitrany A Working peace System(Chicago,1966)
13. Michal Hass International Conflict (New York,1965)
14. Chomsky, Noam, World Orders Old and New, Oxford University Press,1999

15. Galtung, John Peace by peaceful Means, Sage. 1996

DSSY 102 Military Geography

1. Military Geography: - Definition, Meaning, Scope and Its Utility
2. Grand Strategy, Strategy and Tactics:-
 - 2.1) Grand Strategy:- Definition, Meaning & Formation of Grand Strategy.
 - 2.2) Strategy:- Definition, Meaning & Strategy during peace & war.
 - 2.3) Tactics:- Definition, Meaning & Concepts.
3. Warfare In Different Terrain of India: - Aim & Necessity
 - 3.1) Plain Warfare:- Characteristics Tactical & Logistic Problems.
 - 3.2) High Altitude Warfare:- Characteristics, Tactical & Logistics Problem.
 - 3.3) Jungle Warfare:- Characteristics, Tactical & Logistics Problem.
 - 3.4) Desert Warfare:- Characteristics, Tactical & Logistics Problem.
4. War and Environment: -
 - 4.1) Use of Environmental Factor During War:- Historical Evaluation.
 - 4.2) War & Its Impact on Environment.
 - 4.3) Environment:- As a factor of National Security.
5. Logistics: - Definition, Meaning, & Concept
 - 5.1) Significance & Historical Evaluation.
 - 5.2) Resources of Logistics.
6. Disaster & Civil Defence:- Meaning & Concept
 - 6.1) Types of Disaster.
 - 6.2) Civil Defence & Nuclear Warfare.

References: -

1. Adhikari Sudepta "**Political Geography**" Rawat Publication Jaipur, Mumbai, New Delhi-2002.
2. Dixit R.D. "**Political Geography: - The Discipline and Its Dimensions**" Tata Mc Graw Hill Publishers New Delhi-1982.

3. Sali M. L. **“Military Geography”** Manas Publication New Delhi 2008.
4. Louis C Peltier and G. Etzel Percy **“Military Geography”** East-West Press Monticelli Road Chennai 1981.
5. Martin Ira and Hami Blij **“Systematic Political Geography”** John Willey and Sons New York Toronto 1973.
6. Dwivedi R.L. **“Fundamental of Political Geography”** Chaitanya Publishing House Allahbad 1990.
7. Norman J. Pounds **“Political Geography”** Mc Graw Hill Book Company New York 1972.
8. Sharma R. C. **“Growing Faces on Antarctica”** Rajesh Publication New Delhi 1968.
9. Sharma R. C. and Arya D. K. **“Management, Issues and Operational Planning for Indian Borders”** Scholar Publishing Forum New Delhi 1991.
10. Sali M. L. **“India-China Border Dispute”** Ashish Publishing New Delhi – 1998

DSSY 103 Contemporary Strategy

1. **Strategy**-Understanding Strategy, Strategic thinking, formulation of Strategies, Strategy implementation, Strategy Evaluation and Control.
2. **Strategy and National Security**-Components of National Security Strategy- Social, Political, Economic, Science and Technology and Military.
3. **Strategy of War**- Meaning of War, Theories of War, Causes of War, Prevention of War(CBM Strategy)
4. **Conventional War Strategy**- Land , Naval , Air and Aerospace Strategy
5. **Nuclear Strategy** - Meaning, Concept , Development of nuclear strategy and Theory of Nuclear Deterrence,
6. **Nuclear Strategy and World**- Relevance of nuclear deterrence in contemporary world, Nuclear Strategy of US, Russia, China , Pakistan and India

References:

1. Beckett, Brian 'Weapons of Tomorrow' (London: Orbis Publishing Ltd., 1982)
2. Bennet, D.J. & Thomson, J.R. 'The Elements of Nuclear Power' Third Edition (New York: Longman Scientific & Technical with John Wiley Sons Inc., 1989)
3. Buzan, Barry 'People, States & Fear, The National Security Problem in International Relations' (New Delhi: Transasia Publications, 1983)
4. Clausewitz, Carl Von 'On War', indexed edition, Michael Howard & Peter Paret (eds.) (New Jersey: Princeton University Press, Princeton, 1981)
5. Crevald, Martin Van 'On Future War' (London: Brassey's (UK) 1991)
6. D. Bhaskara Rao (ed.) 'Military Conversion Impact on Science & Technology' (Discovery Publishing House, 2003 New Delhi:)
7. Dunnigan, James F. 'How to Make War' A Comprehensive Guide to modern Warfare for the post-cold war era, third edition (New York: William Moore & Company Inc., 1993)
8. Emme, Eugene M. 'The Impact of Air Power, National Security and World Politics' (New Delhi: The English Book Store, 1977)
9. Geller, Daniel S. & Singer, David J. 'Nations at War' A Scientific Study of International Conflict' Cambridge Studies in International Relations (Cambridge: Cambridge University Press, 1998)
10. Khan JA 'Probing War and Warfare' APH Publishing Corporation, New Delhi, 2005
11. Kumar, R.B. 'The Role of Nuclear Weapons in the Emerging World Order' (London & Henley: Routledge & Kegan Paul, 1977)
12. Macksey, Kenneth 'Technology in War, The Impact of Science on Weapon Development and Modern Battle' (London: Arms & Armour Press Ltd., 1986)
13. Macksey, Kenneth 'The Impact of Science on Weapon Development and Modern Battle, "Technology in War"' (London: Arms and Armour Press Limited, 1986)
14. Madhok, V.K. 'Space, Profiles of the Future' (New Delhi: M/s Sujay, 1988)
15. Taylor, Michael J.H. 'The Aerospace Chronology' (London: Tri-Service Press Ltd., 1989)
16. Tripathi, K.S. 'Evolution of Nuclear Strategy' (New Delhi: Vikas Publications, 1970)

SEMESTER II

DSSY 201 Conflicts Management and Resolution

1. Conflicts Management and Resolution: Conceptual analysis And nature of the study
2. Conflicts Management and Resolution: Approaches and Theories
3. Legal means for conflict resolution: International and Municipal Law,-Alternate Dispute Resolution (ADR)
4. U. N. System: Methods of pacific settlement
5. U. N. System: Arms control and disarmament; Peace keeping and Peace Making

Selected Readings

1. Chomsky Noam, World Orders: Old and New, Oxford University Press,1999
2. Galtung Jhon,Peace by peaceful means, Sage publication,1996
3. Huntington Samuel P, The clash of civilization and the remaking of world order, Penguin Books,1997
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12. David Mitrany A Working peace System(Chicago,1966)
13. Michal Hass International Conflict (New York,1965)
14. Chomsky, Noam, World Orders Old and New, Oxford University Press,1999
15. Galtung, John Peace by peaceful Means,Sage.1996

DSSY 202 Geopolitics

1. Geopolitics : -
 - 1.1) Definition, Meaning & Concept.
 - 1.2)Field of Geopolitics- Territory, population, organizing capacity /skill & power.
2. Strategic Minerals: - Definition, Meaning & Nature.
 - 2.1)Types of Minerals.
 - 2.2)Uses of strategic Minerals.
 - 2.3)Significance of oil,Natural gas & petroleum.
3. Geostrategic Position and Importance: -
 - 3.1) Andaman Nicobar & Lakshadweep Islands.
 - 3.2)Jammu and Kashmir.
 - 3.3) Siachen Glacier.
 - 3.4) Diego Garcia Islands.
4. Nation &State: - Definition ,Meaning & Concept.
 - 4.1)Basic Elements for Creation of state.
 - 4.2)Land Locked & Buffer State:-Problems & Solution.
5. Maritime and Land Boundaries: - - Definition ,Meaning & Concept.
 - 5.1)Border, Frontier, Boundary & Line of Actual Control.
 - 5.2)Territorial Sea & Exclusive Economic Zone.

References: -

1. Adhikari Sudepta “**Political Geography**” Rawat Publication Jaipur, Mumbai, New Delhi-2002.
2. Dixit R.D. “**Political Geography: - The Discipline and Its Dimensions**” Tata Mc Graw Hill Publishers New Delhi-1982.
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4. Louis C Peltier and G. Etzel Percy “**Military Geography**” East-West Press Montieth Road Chennai 1981.

5. Martin Ira and Hami Blij **“Systematic Political Geography”** John Willey and Sons New York Toronto 1973.
6. Dwivedi R.L. **“Fundamental of Political Geography”** Chaitanya Publishing House Allahbad 1990.
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8. Sharma R. C. **“Growing Faces on Antarctica”** Rajesh Publication New Delhi 1968.
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10. Sali M. L. **“India-China Border Dispute”** Ashish Publishing New Delhi – 1998.

DSSY 203 Contemporary World and Security

1. Meaning and concept of Nation, State and Nation State, National Values, National Aims & Objectives and National Security.
2. State and non- State actor in World Politics
3. Geopolitics and Changing World Order: Introduction, Dynamic of Geopolitics and its impact on Security.
4. Issues of Strategic Concern: China’s emerging presence in Indian Ocean, Coercive presence of US in the Asia, Civil war, Terrorism and Insurgency in Asia.
5. Non- Military Issues of Strategic Concern: Energy Security, Environmental Issues, Human Rights, Comprehensive security.
6. India and World: India and USA, India and Russia, India and Europe, India and West Asia, India and Central Asia, India and South Asia, India and South East Asia.

References:

1. Beckett, Brian ‘Weapons of Tomorrow’ (London: Orbis Publishing Ltd., 1982)

2. Beckett, Ian F.W. & Pimlott, John 'Armed Forces & Modern Counter Insurgency' (New York: St. Martin's Press, 1985)
3. Bennet, D.J. & Thomson, J.R. 'The Elements of Nuclear Power' Third Edition (New York: Longman Scientific & Technical with John Wiley Sons Inc., 1989)
4. Buzan, Barry 'People, States & Fear, The National Security Problem in International Relations' (New Delhi: Transasia Publications, 1983)
5. Crevald, Martin Van 'On Future War' (London: Brassey's (UK) 1991)
6. Geller, Daniel S. & Singer, David J. 'Nations at War' A Scientific Study of International Conflict' Cambridge Studies in International Relations (Cambridge: Cambridge University Press, 1998)
7. Joseph Frankel 'International Relations in Changing World' Oxford, 1979
8. Malhotra Vinay Kumar 'International Relations ' Anmol Publishing House, New Delhi.2001
9. Morgenthau Hans J 'Politics Among Nations-The Stuggle for Power and Peace' The MacGraw Hill Companies
10. Morgenthau Hans J 'Politics Among Nations-Dilemmas of Politics' University of Chacago Press
11. O'Neill, Bard E. 'Insurgency & Terrorism' Inside Modern Revolutionary Warfare, (Washington: Brassey's (US) Inc. Maxwell Macmillan Pegramon Publishing Corps. 1990)
12. Palmers and Perkins 'International Relations ' Third Edition
13. Pattu, Krishnan Kumar 'Jihad & Terrorism' (Jaipur: Book Enclave, 2002)
14. Savigear, Peter 'Cold War or Détente in the 1980s, The International Politics of American Soviet Relations' (Sussex: Wheatsheaf Books Ltd., 1987)
15. Sondhi, Sunil 'Global Terror' (New Delhi: Sanjay Prakashan, 2001)