

जननायकचन्द्रशेखरविश्वविद्यालय, बलिया
Jananayak Chandrashekhar Unviersity, Ballia



COURSE STRUCTURE FOR

Subject Code:-MDS

M.A./M.Sc.

Defence and Strategic Studies

Under Semester System

Academic Session 2022-23

M.A./M.Sc. Programme in Defence & Strategic Studies

Semester Course based on CBCS

Affiliation :

The proposed programme shall be governed by the Department of Defence and Strategic Studies, Faculty of Art, Jananayak Chandrashekhar University, Ballia.

M.A. / M.Sc. in Defence and Strategic Studies is a postgraduate course. Defence and Strategic Studies is the study of military processes, institutions, and behavior, along with the study of warfare, and the theory and application of organized coercive force. It is mainly focused on theory, method, and practice of producing military capability in a manner consistent with national defence policy. Defence and Strategic Studies serves to identify the strategic, political, economic, psychological, social operational, technological and tactical elements necessary to sustain relative advantage of military force and to increase the likelihood and favorable outcomes of victory in peace or during a war. Military scientists include theorists, researchers, experimental scientists, designers, engineers, test technicians, and other military personnel.

M.A. / M.Sc. in Defence and Strategic Studies Course Suitability

- Those who want to seek a broader understanding of the principles of operational research and the methods and techniques applicable to industrial and military systems which lead to better decision-making are suitable for it.
- They should have leadership and assessment skills which provides them a screening technique, involving behavioral simulations, to determine the competency of potential junior officers.
- They should have good analytical mind, team work spirit and can work for long hours.
- Candidates who have strong feelings towards country and want to help in defence enhancement are suitable for the course.

How is M.A. / M.Sc. in Defence and Strategic Studies Course Beneficial?

- In the area of defence studies, the candidates with post-graduation, NET or PhD degrees get teaching jobs as assistant professors in degree colleges and Universities.
- The students with the graduation or the postgraduate degrees in military science get direct recruitment opportunities in the Navy and the Air Force of the nation's defence services as commissioned officers.



- The post graduate degree holders in Defence and Strategic Studies have the option of doing research work in the areas of socio-economic and warfare aspects, international relations, ground stratagem.
- A student of this discipline can approach many different focused studies, based in a great number of other disciplines: Technology, Engineering, Economics, Psychology, History and many others.
- The Master Degree course is helpful in taking employment in research establishments, industry or commerce or to further research leading to a Ph.D. before employment.
- Applicants can also have teaching jobs in army schools throughout the country.

M.A. / M.Sc. in Defence & Strategic Studies Admission Process

For admission in post-graduation level, candidates need to log in the college website. Fill the Application form, attach the required documents and pay the application fees through Net Banking /Credit / Debit Card or Cash in person.

Programme structure:

The course of M.A./M.Sc. (Defence & Strategic Studies) will spread in 2 years-Previous and Final. Each of which will have two semester examination and therefore there will be four semester examination.

Program Specific Outcome (PSO):

1. Enhancement of the national security consciousness among the people.
2. Development of clear understanding of the key concepts related to security and strategic issues along with their applications in real life situations.
3. Understanding the strategic as well as domestic issues that influence the security or defence of the country.
4. Understanding India's national interests and provide the broad field within which nation states and non-state factors interacts.
5. Understanding India's national security and strategic spectrum as well as the geostrategic and geo-political realities of the nation in national and regional perspective.
6. Understanding regional and international strategic environments and their impact on India's national security.
7. Understanding emerging security threats, both traditional and non-traditional, to the national security of India.
8. Understanding the role of science & technology in national security.

9. Understanding the interdisciplinary nature of national security and enhance the clear understanding the Indian military history and the evolution of Indian art of war, human rights and national security, India's internal security challenges, India's maritime interests, civil-military relations, India military psychology, defence organizations of India, the economics of defence budgeting and expenditure, conflict resolution and conflict management etc.
10. Enable the students for NET and pursue research work.
11. Development of analytical skill among student so that they appreciate the subject in right perspective and support stakeholders and security establishments in planning grand strategic policies of the nation.

At the conclusion of the Military Science Program of study students should demonstrate a firm understanding of the following:

- **Leadership Attributes, Skills, Actions**
- **Army Values, Professional Ethics, Warrior Ethos, Ethical Decision Making**
- **Military Law**
- **Tactical Operations**
- **Personal Development – Character, Intellectual Capacity, Adaptability, Physical Fitness**
- **Officership – Military History, Military Heritage, Army Management and Administration, Customs and Courtesies**



M.A./M.Sc. Previous (Defence & Strategic studies)

(Effective from Session 2022-23)

Course Structure-The course structure of M.A./M.Sc. Previous in Defence & Strategic Studies is as follows:

1. The M.A./M.Sc. Previous (Defence & Strategic Studies) will consist of two semesters, called as 1st and 2nd semester examinations.
2. Every semester will have 5 (4 theory and 1 practical) papers of 4 credits each.
3. In the 1st semester examinations, there will be four compulsory theory papers and one compulsory practical paper of 4 credits each.
4. In the 2nd semester examinations, there will be three compulsory theory papers and two elective theory papers and one compulsory practical paper of 4 credits each.
5. In 1st or 2nd semester, the student will have to opt for a **minor elective paper** of 4/5 credits from a faculty other than his main faculty.
6. In every semester, the student has to do a **research project** of 4 credits (thus, a total of 8 credits in 2 semesters) under the supervision of a supervisor as nominated by the head of the department.
7. There may be a co-supervisor also from any industry, company, technical or research institute.
8. These projects may be inter-disciplinary or multi-disciplinary and may be in the form of research project/industrial training/internship/survey work etc.
9. The reports of the projects carried out in 1st and 2nd semesters will be compiled together and submitted in the form of one **PROJECT REPORT/DISSERTATION** at the end of first year. It will be evaluated out of 100 marks (8 credits) at the end of the first year jointly by the supervisor and the external examiner appointed by the University.
10. If a student publishes a research paper out of his research project in a UGC-CARE listed journal, he may be given up to 25 additional marks, provided the maximum marks of the project will remain 100. The marks of the research projects will be converted into grades that will be incorporated in the final calculation of CGPA too.

Format of the Question Paper: The question paper will be consisted of two sections: Section-A and Section-B. In Section-A there will be one compulsory question, numbering Question No. 1, consisting of 10 parts of short answer type questions based on the whole course, out of which all parts will have to be answered. There will be 8 long answer type questions numbering Question No. 2 (a or b), Question No. 3 (a or b), Question No. 4(a or b) and Question No. 5 (a or b), from four unit (**Two from each unit**), out of which 4 questions will have to be answered (**One from each unit**). Thus, in all, 14 questions will have to be attempted and 18 questions will have to be set.

Note-The courses to be taught in these semesters are given below:



First Semester Course Structure

S.No.	Code	Course Name	Type	Credits	Teaching Hours	Marks
1.	MDS-101	Evolution and Development of Indian Art of war	Core	04	60	100
2.	MDS-102	Conceptual Aspect of National Security	Core	04	60	100
3.	MDS-103	Evolution of Strategic Thoughts	Core	04	60	100
4.	MDS-104	Concept of war and Peace	Core	04	60	100
5.	MDS-105	Practical	Core	04	120	100
6.	-	Project-1/Dissertation	-	04	120	(To be evaluated at the end of 2 nd Sem.)
Total				24	480	500

Second Semester Course Structure

S.No.	Code	Course Name	Type	Credits	Teaching Hours	Marks
1.	MDS-201	Research Methodology	Core	04	60	100
2.	MDS-202	Insurgency and Counter Insurgency warfare	Core	04	60	100
3.	MDS-203	Disarmament, Arms Control and Proliferation of WMD	Core	04	60	100
4.	MDS-204	Practical	Core	04	120	100
5.	MDS-205	Strategic Dimensions of Sino-Indian & Indo-Pak Relations	Open Elective	04	60	100
6.	MDS-206	Evolution and Development of western Art of war	Open Elective	04	60	100
7.		Project-2/ Dissertation	-	04	120	(Project 1 + Project 2 in the form of Dissertation) 100
Total				24	480	600
8.	-	One Minor Elective subject from other faculty In 1st or 2nd Semester	-	4/5	60	100
Sub Grand Total of M.Sc. Previous				52/53	1020	1200

**M.A./M.Sc. Final (Defence & Strategic Studies)
(Effective from Session 2022-23)**

Course Structure-The course structure of M.A./M.Sc. Final in Defence & Strategic Studies is as follows:

1. The M.A./M.Sc. Previous (Defence & Strategic Studies) will consist of two semesters, called as 3rd and 4th semester examinations.
2. In the 3rd semester examinations, there will be two compulsory theory papers and four elective theory papers and one compulsory practical paper of 4 credits each.
3. In the 4th semester examinations, there will be one compulsory theory paper and six elective theory papers and one compulsory Dissertation of 4 credits each.
4. In every semester, the student has to do a **research project** of 4 credits (thus, a total of 8 credits in 2 semesters) under the supervision of a supervisor as nominated by the head of the department.
5. There may be a co-supervisor also from any industry, company, technical or research institute.
6. These projects may be inter-disciplinary or multi-disciplinary and may be in the form of research project/industrial training/internship/survey work etc.
7. The reports of the projects carried out in 3rd and 4th semesters will be compiled together and submitted in the form of one **PROJECT REPORT/DISSERTATION** at the end of second year. It will be evaluated out of 100 marks (8 credits) at the end of the first year jointly by the supervisor and the external examiner appointed by the University.
8. If a student publishes a research paper out of his research project in a UGC-CARE listed journal, he may be given up to 25 additional marks, provided the maximum marks of the project will remain 100. The marks of the research projects will be converted into grades that will be incorporated in the final calculation of CGPA too. The final result of M.A./M.Sc. in Defence & Strategic Studies programme will be declared on the basis of CGPA.

Format of the Questions Paper:

The question paper will be consisted of three sections: Section-A and Section-B. In Section-A there will be one compulsory question, numbering Question No. 1, consisting of 10 parts of short answer type questions based on the whole course, out of which all parts will have to be answered. There will be 8 long answer type questions numbering Question No. 2 (a or b), Question No. 3 (a or b), Question No. 4(a or b) and Question No. 5 (a or b), from four unit (**Two from each unit**), out of which 4 questions will have to be answered (**One from each unit**). Thus, in all, 14 questions will have to be attempted and 18 questions will have to be set.

Note-The courses to be taught in these semesters are given below:



Third Semester Course Structure

S.No.	Code	Course Name	Type	Credits	Teaching Hours	Marks
1.	MDS-301	Global Security Concerns and Issues	Core	04	60	100
2.	MDS-302	Disaster Management and National Security	Core	04	60	100
3.	MDS-303	Practical	Core	04	120	100
4.	MDS-304	Science, Technology and National Security	Open Elective	04	60	100
5.	MDS-305	International Strategic Relations	Open Elective	04	60	100
6.	MDS-306	Conflict and Media	Open Elective	04	60	100
7.	MDS-307	Non-Traditional Security	Open Elective	04	60	100
8.	-	Project-3/ Dissertation	-	04	120	(To be evaluated at the end of 4 th Sem.)

Fourth Semester Course Structure

S.No.	Code	Course Name	Type	Credits	Teaching Hours	Marks
1.	MDS-401	Economic Dimensions of war	Core	04	60	100
2.	MDS-402	South Asia: Conflict and Co-operation Studies	Open Elective	04	60	100
3.	MDS-403	Politics and Security of the Indian Ocean	Open Elective	04	60	100
4.	MDS-404	Geo-Politics and Military Geography	Open Elective	04	60	100
5.	MDS-405	Military Psychology	Open Elective	04	60	100
6.	MDS-406	International Law	Open Elective	04	60	100
7.	MDS-407	Contemporary Strategic Environment and Issues	Open Elective	04	60	100
8.	-	Project-4/ Dissertation	-	04	120	(Project 3 + Project 4 in the form of Dissertation) 100
TOTAL				24	480	600
Sub Grand Total of M.Sc. Final				48/49	960	1100
GRAND TOTAL				100/101	1980	2300



PROPOSED REGULATIONS

Consolidate Performa for allotments of all semester are as follows-

Semester/Paper	Title of Paper	Theory		Practical	
		Max. Marks	Credits	Max. Marks	Credits
First Semester		Final Exam.			
Paper-MDS-101	Theory Paper	100	4	-	-
Paper MDS-102	Theory Paper	100	4	-	-
Paper MDS-103	Theory Paper	100	4	-	-
Paper MDS-104	Theory Paper	100	4	-	-
Paper MDS-105	Practical and Viva-Voce	-	-	100	4
	Project-1//Dissertation	-	-	-	4
Semester/Paper	Title of Paper	Theory		Practical	
		Max. Marks	Credits	Max. Marks	Credits
Second Semester		Final Exam.			
Paper-MDS-201	Theory Paper	100	4	-	-
Paper MDS-202	Theory Paper	100	4	-	-
Paper MDS-203	Theory Paper	100	4	-	-
Paper MDS-204	Theory Paper	100	4	-	-
Paper MDS-205	Practical and Viva-Voce	-	-	100	4
	Project-2/Dissertation	-	-	100	4
Semester/Paper	Title of Paper	Theory		Practical	
		Max. Marks	Credits	Max. Marks	Credits
Third Semester		Final Exam.			
Paper-MDS-301	Theory Paper	100	4	-	-
Paper MDS-302	Theory Paper	100	4	-	-
Paper MDS-303	Theory Paper	100	4	-	-
Paper MDS-304	Theory Paper	100	4	-	-
Paper MDS-305	Practical and Viva-Voce	-	-	100	4
	Project-3/Dissertation	-	-	-	4
Semester/Paper	Title of Paper	Theory		Practical	
		Max. Marks	Credits	Max. Marks	Credits
Fourth Semester		Final Exam.			
Paper-MDS-401	Theory Paper	100	4	-	-
Paper MDS-402	Theory Paper	100	4	-	-
Paper MDS-403	Theory Paper	100	4	-	-
Paper MDS-404	Theory Paper	100	4	-	-
Paper MDS-407	Theory Paper	100	4	-	-
	Project-4/Dissertation	-	-	100	4

M.A./M.Sc. First Semester

Subject Name	:	Defence & Strategic Studies
Subject Code	:	MDS
Paper	:	01
Paper Name & Code	:	Evolution and Development of Indian Art of war (MDS-101)
Credits	:	04

Course Objective

The main objective of this paper is to enhance the understanding of the student about the Indian military systems during different Periods of history and to inculcate strategic thinking insight into them.

Unit-I

1. Battle of Ten Kings (Vedic Era) : Principle of war and its impact
2. Battle of Hydaspes (326 BC) : Strategy, Tactics and Principle of war
3. First Battle of Tarain (1191 AD) : Strategy & Tactics and its impact
4. Second Battle of Tarain (1192 AD) : Strategy & Tactics and its impact

Unit-II

1. First Battle of Panipat (1526AD) : Strategy, Tactics, Principle of war & its impact.
2. Battle of Plassey (1757AD) : Strategy, Tactics, Principle of war and its impact
3. Battle of Assaye (1803AD) : Strategy, Tactics, Principle of war and its impact
4. Battle of Sobraon (18476 AD) : Strategy, Tactics, Principle of war and its Impact

Unit-III

1. Indo-Pak war (1947-48AD) : Causes of war, Strategy, Tactics & Principle of war
2. Indo-China war (1962 AD) : Causes of war, Strategy, Tactics & Principle of war
3. Indo-Pak war (1965 AD) : Causes of war, Strategy, Tactics & Principle of war
4. Indo-Pak war (1971 AD) : Causes of war, Strategy, Tactics & Principle of war

Unit-IV

1. Kargil conflict (1999 AD) : Strategy, Tactics & Logistics
2. Surgical Strike
3. Air Strike
4. Military Operation : After 1947 to upto till Date

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion

Course Outcome

After completion of this course the student will be able to:

1. Understand the basic concepts of the Indian military traditions.
2. Understand comparative analysis of Indian military systems during different Periods of history and the military systems off origin in vedas.
3. Inculcate the strategic thinking in sight.

Books Recommended

1. Bajawa, F. (n.d.). The Military System of Sikhs.
2. Erwin, I. (n.d.). Army of Indian Mughals.
3. Fuller, J. (n.d.). Generalship of Alexander the Great.
4. Kulshrestha, R. (n.d.). Kautilya's Philosophy of War.
5. Majumdar, B. (n.d.). Bhartiya Sena Ka Itihas.
6. Majumdar, B. (n.d.). Military System in Ancient India.
7. Sarkar, J. (n.d.). Military History of India.
8. Sen, S. (n.d.). The Military System of Marathas.
9. Singh, A. (n.d.). Bhartiya Sainya Itihaas.
10. Singh, a. P. (n.d.). Bhartiya Sainya Itihaas ki Roop Rekha.
11. Singh, S. (n.d.). Ancient Indian Warfare with special reference to Vedic Period.
12. Tripathi, R. (n.d.). Rise and Fall of the Mughal Empire.

And other books and journals are recommended by the teacher.



Subject Name : Defence & Strategic Studies
Subject Code : MDS
Paper : 02
Paper Name & Code : **Conceptual Aspects of National Security (MDS-102)**
Credits : 04

CourseObjective

For a country, national security has always been an issue of prime importance. It has wide scope and interdisciplinary nature. This paper is introduced with the objective of developing deep understanding of the concept, nature, components, dimensions and threats of national security in terms of contemporary thinking and, of course, the needs. The course is very important for various competitive exams such as NET, PCS and other teaching jobs.

Unit-I

1. Concept of National Security.
2. Components of National Security.
3. National Security in the age of Globalization: New threats and challenges
4. Comprehensive Security: Meaning and Scope

Unit-II

1. Alternative models of International Security
 - a. Balance of Power & Balance of Terror
 - b. Collective Security & Collective Defence
 - c. Non-Alignment movement
 - d. Deterrence and Detente

Unit-III

1. Cyber Security
 - a. Need and Importance of Cyber Security
 - b. Different Kind of Cyber Security
 - c. Cyber War
 - d. Measures for cyber Security-Technology, Laws and regulations

Unit-IV

1. New Trends in 21st century
 - a. Defence Cooperation
 - b. Military Alliances
 - c. Strategic Partnership



d. Security Dialogue

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion

Course Outcome

After completion of this course the student will be able to:

1. Understand the evolution of the concept of national security with the components, nature, dimensions and objectives of it.
2. Understand India's national security threats and challenges in the present world as well as coming decades.
3. Understand the current needs of India's defence cooperation, strategic partnership and security dialogue with strategically important countries.

Books Recommended

1. Bhaskar, C. U. (n.d.). India's Security Concerns.
2. Bhaskar, N. S. (2005). Emerging India: Security on Foreign Policy Perspectives. New Delhi: IDSA and Promilla & Co.
3. Buzan, B. (n.d.). People, States and Fear: The National Security.
4. Clark, M. (1998). New Perspective on Security. London.
5. Sen, G. (1986). India's Security Consideration in Nuclear Age. New Delhi: Atlantic.
6. Sinha, S. (1993). Security in the New World Order. Delhi: Chanakya Publication.
7. Subramanayam, K. (n.d.). Our National Security, Economic and Scientific Research Foundation.

And other books and journals are recommended by the teacher

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Subject Name	:	Defence & Strategic Studies
Subject Code	:	MDS
Paper	:	03
Paper Name & Code	:	Evolution of Strategic Thoughts (MDS-103)
Credits	:	04

Course Objective:

The objective of the course is to provide knowledge about the concepts of strategy and tactics and relationship between war and politics and the thoughts of noted strategic thinkers on these topics to develop strategic thinking skills of the students.

Unit-I

Kautilya : On war, Types of war, Saptang Theory, Composition of the Army, Inter-state Relations and Diplomacy

Unit-II

1. N. Machiavelli : thoughts regarding war, War & Policy, Military Organization
2. K. Clausewitz : On war, War and Policy, Strategy and Tactics
3. A. Jomini : Concept of Mass Army, Strategy, Tactics

Unit-III

1. J.F.C. Fuller : Armoured Warfare
2. L. Hart : Armoured Warfare
3. B. Douhet, W. Mitchell & A. Seversky : The Theory of Air power

Unit-IV

1. A. T. Mahan : Theory of Sea Power and Naval Strategy
2. Halford Mackinder: Heartland Theory and Continental doctrine of Sea Power
3. Andre Beaufre: Thoughts on Nuclear Deterrence

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion

Course Outcome

After completion of this course the student will be able to:

1. Understand the nature, scope and development of strategic thoughts.
2. Understand the concepts of strategy and tactics, relationship between war and politics in view of

noted strategic thinkers.

3. Understand the concept of armoured and mechanized warfare

Books Recommended

1. Earl, E. (1943). *Makers of Modern Strategy: Military Thought from Machiavelli to Hitler*. Princeton University Press.
2. F. Gilbert. (n.d.). *Machiavelli: Art of War*.
3. Fuller, J. (n.d.). *Conduct of War*. New Delhi.
4. Howard, M. (1965). *The Theory and Practice of War*. London.
5. Howard, M. (1976). *War In European History*. London.
6. Machiavelli. (1961). *The Prince*. Britain.
7. Montros, L. (1960). *War Through The Ages*. New York .
8. Wright, L. S. (1937). *Warfare*. Washington.

And other books and journals are recommended by the teacher.

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Subject Name : Defence & Strategic Studies
Subject Code : MDS
Paper : 04
Paper Name & Code : **Concept of War and Peace (MDS-104)**
Credits : 04

Course Objective

Contemporary peace and conflict studies began as a response set to the World Wars. Today, peace and conflict studies are an extremely broad and inter disciplinary field that is studied at universities throughout the world. The objectives of introducing the course are to develop understanding of the concept, nature and scope of peace and conflict studies, to develop understanding of the theories and approaches to resolving conflict and promoting peace and to develop understanding of the roles of United Nations and CBM's in it.

Unit-I

1. Concept and Causes of war, Types of war and War Cycle
2. Strategy : Strategy of Annihilation, Strategy of Exhuation
3. Tactics and Logistics

Unit-II

1. Categorization of war
 - a. Civil War
 - b. Limited War
 - c. Chemical & Biological war
 - d. Nuclear war
 - e. Guerilla War
 - f. Revolutionary war
 - g. Low Intensity conflicts

Unit-III

1. Principles of war : Practice in modern time with examples

Unit-IV

1. Confidence Building Measures (CBMs)
2. Peace Building, Peace Making and Peace Keeping
3. Problems of CBMs in contemporary world.



Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion

Course Outcome

After completion of this course the student will be able to:

1. Understand the conceptual analysis of peace and conflict with their meaning nature and scope.
2. Understand the concept, theories and approaches to conflict solution and peace research.
3. Understand regional conflicts and role of United Nations and Confidence & Security Building Measures (CSBMs).

Books Recommended

1. Bose, A. (1919). Peace and Conflict Resolution in World Community. New Delhi.
2. Boulding, K. (1962). Conflict and Defence: A General Theory. New York.
3. Bright, B. (1985). Education for Peace. New York.
4. Burton, J. (1965). International Conflict Resolution. New York.
5. Curle, A. (1927). Another Way: A Machenistic View of War and Peace. Cambridge.
6. Duvall, P. A. (2000). A Force More Powerful: A Century of Non Violent Conflicts. New York.
7. Galtung, J. (1975). Essays in Peace Research. Copenhagen.
8. Galtung, J. (1984). Struggle for Peace. Ahmedabad.
9. Galtung, J. (1996). Peace by Peaceful Mean: Peace and Conflict, Development and Civilization. Sage Publication.
10. Ghali, B. B. (1992). An Agenda For Peace: Preventive Diplomacy, Peace Making and Peace Keeping (U.N. Report). New York.
11. Gupta, A. D. (1956). Non-Violence: The Invincible Power. Calcutta.
12. Purdeshi, G. (1982). Contemporary Peace Research. New Delhi.
13. Ao, B. (1996). Global Perceptions on Peace Education. New Delhi.
14. Wright, Q. (1965). A Study of War. Chicago.

And other books and journals are recommended by the teacher.



Subject Name : Defence & Strategic Studies
Subject Code : MDS
Paper : 05
Paper Name & Code : **Practical (MDS-105)**
Credits : 04

Students will assign with the practical task of spotting and strategic briefing of the following with the help of given maps/computer-based presentation

1. Headquarters of Indian Army
2. Headquarters of India 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.

After complete of the course the students will submit a record file.



M.A./M.Sc. Second Semester

Subject Name	:	Defence & Strategic Studies
Subject Code	:	MDS
Paper	:	01
Paper Name & Code	:	Research Methodology (MDS-201)
Credits	:	04

Objective

The objective of the course is to make students knowledgeable about the research process and to enable them to pursue research work competently

Unit-I

1. Meaning and objectives of Research
2. Types of Research
3. Research Cycle

Unit-II

1. Research Problem : Meaning and types
2. Characteristics of a good research problem
3. Process and Sources and good research problem

Unit-III

1. Hypothesis : Meaning and types
2. Characteristic and Sources of hypothesis
3. Difference between Research problem and Research Hypothesis 6

Unit-IV

1. Review of Literature
2. Data Collection Techniques
3. Analysis & Writing (references, Foot Notes, Appendix & Bibliography)

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion

Course Outcome

After completion of this course the student will be able to:

1. Understand the basic concepts of research and research methodology.
2. Understand the formulations of research topic, research questions, hypotheses and research design.

3. Understand the techniques of data collection, data analysis and data interpretation.

Books Recommended

1. Bell, J. (1948). Projective Techniques. Longmans.
2. Best, J. (1978). Research in Education. Parrentice Hall.
3. Jain, B. (n.d.). Research methodology. Jaipur: Prakri Bharti Academy.
4. Kothari, C. (1985). Research methodology : Methods and Techniques.
5. Nachmias, D. (1981). Research Methods in the Social Sciences. New York.
6. Narayan, L. (n.d.). Research Methodology. Agra: YK Publisher.
7. Sulaiman, M. (1998). Research Methodology in Behavioral Sciences. Patna.
8. Undmias, D. (1968). Statistical Analysis in Educational Research. Oxford.
9. Young, P. (1988). Scientific Social Surveyand Research. Parentice Hall of India.

And other books and journals are recommended by the teacher.

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Subject Name : Defence & Strategic Studies
Subject Code : MDS
Paper : 02
Paper Name & Code : **Insurgency and Counter Insurgency warfare (MDS-202)**
Credits : 04

Objective:

This course is intended to enhance the knowledge and skills of the students with theoretical aspects of Insurgency and Counter Insurgency warfare.

Unit-I

1. Comparative study of Revolt, Coup, Insurgency, Guerilla Warfare and Revolution any war
2. Defining Insurgency, causes of Insurgency, Phases, of Insurgency
3. Definitions, nature, scope, principles, strategy and Tactics of Guerilla warfare

Unit-II

1. Concept of Guerilla warfare as advocated by
 - a. Sun-Tzu
 - b. Mao-Tse-Tung
 - c. Che-Guavera

Unit-III

1. Causes of Insurgency in India with special reference to Punjab, J & K, North Eastern State and Naxalite Affected Areas.
2. Concept, strategy, Tactics, Principles and Applications of Counter-Insurgency

Unit-IV

1. Counter Insurgency measures adopted by the Indian Government in different parts of country
2. Future of Insurgency in Malaya
3. Success of Insurgency in Indo-China

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion

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Course Outcome

After completion of this course the student will be able to –

1. Learn contemporary challenges top peace and stability in the world.
2. The contemporary problems of international threats and other issues threatening international peace and security
3. The course also makes them learn to contemplate response mechanisms to solve conflict issues.

Books Recommended

1. Asprey, R. (n.d.). War in the Shadows.
2. Buchan, A. (n.d.). War in Modern Strategy.
3. Cady, J. (n.d.). History of Burma.
4. Daniel, J. (n.d.). Che Guevara.
5. Earle, E. (n.d.). Makers of Modern Strategy.
6. Fall, B. (n.d.). Street without Joy .
7. Franklin, M. (n.d.). Modern Guerilla Warfare .
8. Khan, G. M. (n.d.). Nationalism and Revolution in Indonesia .
9. Mohanty, M. (n.d.). Political Philosophy of Mao-Tse-Tung.
10. Nasution, A. (n.d.). Fundamentals of Guerilla Warfare .
11. Osanka, F. (n.d.). Modern Guerilla Warfare .
12. Palit, D. (n.d.). Essentials of Guerilla warfare.
13. Regis, D. (n.d.). Che Guevara.
14. SunTzu. (n.d.). The Art of War.
15. Thomson, R. (n.d.). Defeating Communist Insurgency.
16. Tse-Tung, M. (n.d.). Guerilla Warfare.
17. Wolf, E. R. (n.d.). Peasant Wars of the 20th Century.

And other books and journals are recommended by the teacher.

22 

Subject Name : Defence & Strategic Studies

Subject Code : MDS

Paper : 03

Paper Name & Code : Disarmament, Arms control & Proliferation of WMD
(MDS- 203)

Credits : 04

Objective:

This course intends to make the students/scholars aware with the advancements in field of armament. This development has led to various conflicts which in turn resulted in massive destruction of human being and state's resources. Hence, the study of disarmament and arms control becomes important in containing not only war but also the proliferation of weapons.

Unit-I

1. Armament : Meaning, Development & New trends
2. Concept of Disarmament and Arms control
3. Elements of Arms Control Mechanism : Agreements, Verification, Inspection and Control
4. Differences between Arms control, Arms Limitation, Arms Reduction and Arms Treaties

Unit-II

1. Historical Survey of disarmament Efforts :
 - a. Under the League of Nations
 - b. Under the UNO
 - c. Unilateral, Bilateral and Multilateral Approaches
 - d. Nuclear-Arms Limitation and Nuclear Arms Control-Treaties

Unit-III

1. Weapons of Mass Destruction (WMD) : Nuclear, Chemical and Biological Weapons
2. MRCY : Objectives, Challenges and role of Great Powers
3. Nuclear Supplier Group: Objective, Problems and Prospects.

Unit-IV

1. Arms Trade Treaty (ATT) and its Implications for Regional & Global Security
2. Social & Economic Consequences of Disarmament & Arms Control
3. Trends in Arms Import & Export of India

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion

Course Outcome

After completion of this course the student will be able to:

1. Understand the basic concepts and facts related to armament, disarmament and arms control.
2. Understand the impact of development and proliferation of the conventional as well as the Weapons of Mass Destruction on regional and global peace and security.
3. Understand social and economic consequences of disarmament and arms control

Books Recommended

1. Al, A. C. (1983). Living with Nuclear Weapons. Cambridge : Howard University Press.
2. Beaufre, A. (1965). Deterrence and Strategy. London.
3. Harkabi, Y. (n.d.). Nuclear War and Nuclear Peace, Jerusalem .
4. Jones, R. (1968). Nuclear Deterrence; A Short Political Analysis. New York.
5. Kahn, J. (1975). Security in the Nuclear Age . Washington.
6. Lehman, J. D. (n.d.). Arms Control for Late 60s. INC Crane New York: Russels & Co. .
7. Luard, E. (1965). First Step to Disarmament. London.
8. Mearsheimer, J. (1983). Conventional Deterrence. London.
9. SIPRI YEARBOOK. (n.d.).
10. The United Nations, Disarmaments Year Book. (1994). New York.
11. Yefremov, A. (1979). Nuclear Disarmament. Moscow.

And other books and journals are recommended by the teacher.



Subject Name : Defence & Strategic Studies
Subject Code : MDS
Paper : 04
Paper Name & Code : **Practical & Viva-Voce (MDS-204)**
Credits : 04

Paper : 04

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
 - c. Sri Lanka
3. Field Excursion/tour report

In view of the courses of the National Security and area studies the students are required to visit the installation of military significance so as to enable them to understand the ground realities. Based on the field study the students have to prepare their respective reports and the candidate would be examined at the time of practical examination of the subject. The university may provide financial assistance to teacher-in-charge, non-teaching staff and the students of the concern & tour



Subject Name : Defence & Strategic Studies
Subject Code : MDS
Paper : 05
Paper Name & Code : **Strategic Dimensions of Sino-Indian & Indo-Pak Relations (MDS-205)**
Credits : 04

Objective:

This course intends to enhance the knowledge of the Students/scholars with the issues, perspectives and analyses of the strategic dimensions of India's relations with China and Pakistan and oriented towards giving future projections.

Unit-I

1. Genesis of Sino-Indian Relations
2. The Boundary Dispute with China

Unit-II

1. China-India Military Balance
2. China's Policy towards India's Neighbors
3. Rise of India and China: Cooperation and Competition

Unit-III

1. Genesis of India-Pakistan Conflict
2. Strategic Dimension of India-Pakistan Relations
3. Sino-Pakistan Nexus

Unit-IV

1. The Kashmir Problem
2. Pakistan Sponsored Terrorism
3. Pakistan's Nuclear Strategy

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion

Course Outcome

After completion of this course the student will be able to –

4. Learn contemporary challenges to peace and stability in the world.
5. The contemporary problems of international threats and other issues threatening international peace and security
6. The course also makes them learn to contemplate response mechanisms to solve conflict issues.

Books Recommended

1. Alistair, L. (n.d.). Kashmir: A Disputed Legacy.
2. Bajpai, K. (n.d.). The Peacock and the Dragon: India- China Relations in the 21st Century.
3. Dalvi, J. (n.d.). Himalayan Blunder.
4. Kaul, H. (n.d.). India China Border in Kashmir.
5. Maxwell, N. (n.d.). India's China War.
6. Noorani, A. (n.d.). The Kashmir Dispute, Vol. I and II.
7. Rao, G. N. (n.d.). The India-China Border: A Reappraisal.
8. Sandhu, P. (n.d.). Rising China.
9. Sidhu, W. P. (n.d.). China and India: Cooperation or Conflict .
10. Sinha, S. (n.d.). Operation Rescue: Military Operation in.
11. Subramniam, R. (n.d.). India Pakistan China: Defence and Nuclear.
12. Tinker, H. (n.d.). India and Pakistan: A Political Analysis.

And other books and journals are recommended by the teacher.

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Subject Name : Defence & Strategic Studies
Subject Code : MDS
Paper : 06
Paper Name & Code : Evolution and Development of western Art of war (MDS-206)
Credits : 04

Objective:

The main objective of this paper is to enhance the understanding of the student about the western military systems during different Periods of history and to inculcate strategic thinking insight into them.

UNIT-I

1. Impact of armament on tactics.
2. Military system of Greeks and Romans with special reference to important battles-
(a) Battle of Arbelá-331B.C.
(b) Battle of Cannae-216B.C.

UNIT-II

1. Barbarians and the battle of Adrianople.
2. Mounted Archers and the battle of Hastings 1066 A.D.
3. Revival of Infantry and the battle of Crecy 1346 A.D.

UNIT-III

1. Impact of science and technology on warfare with special reference to the reform of Gustavus Adolphus and Frederick the Great
2. Revolution in tactics with special reference to French revolution and Napoleonic art of warfare
3. American Civil War (1861-1865) and new military trend.

UNIT-IV

1. Foundation of world war I, Treaty of Versailles
2. Rise of Nazism; Origins of World War II
3. Theories of Deterrence: Credibility and intentions

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion

Course Outcome

After completion of this course the student will be able to:

1. Understand the basic concepts of the western military traditions.



2. Understand comparative analysis of western military systems during different Periods of history and the military systems of foreign invaders.
3. Inculcation of strategic thinking insight.

Books Recommended–

1. Archer, I. John R. Ferris, Holger H. Herwig, and Timothy H. E. Travers. (2nd ed. 2008), World History of Warfare 638pp
2. Black, Jeremy (2001), Warfare in the Western World, 1775–1882 240pp.
3. Black, Jeremy (2002), Warfare in the Western World, 1882–1975 256pp.
4. Chambers, John Whiteclay, ed. The Oxford Companion to American Military History (2000)
5. Cowley, Robert, and Geoffrey Parker, eds. The Reader's Companion to Military History (2001) excellent coverage by scholars.
6. Dear, I. C. B., and M. R. D. Foot, eds. Oxford Companion to World War II (2005; 2nd ed. 2010)
7. Doughty, Robert, Ira Gruber, Roy Flint, and Mark Grimsley. Warfare In The Western World (2 vol 1996), comprehensive textbook;
8. Dupuy, R. Ernest and Trevor N. Dupuy. The Encyclopedia of Military History: From 3500 B.C. to the Present (1977), 1465 pp; comprehensive discussion focused on wars and battles;
9. Holmes, Richard, ed. The Oxford Companion to Military History (2001) 1071 pp; online at OUP
10. Jones, Archer, The Art of War in the Western World (2001)
11. Keegan, John (1999). The First World War (9th ed.). New York: Random House.
12. Kohn, George C. Dictionary of Wars (3rd ed. 2006) 704pp; very useful summary a cross world history
13. Karsten, Peter, ed., Encyclopedia of War and American Society (3 vols., 2005).
14. Keegan, John. The Face of Battle (1976)
15. Keegan, John. The Price of Admiralty: The Evolution of Naval Warfare (1989)
16. Lamphear, John, ed. African Military History (Routledge, 2007).
17. Lee, Wayne E. Waging War: Conflict, Culture, and Innovation in World History (2015)
18. Lynn, John A. Battle: A Cultural History of Combat and Culture (2003).

M.A./M.Sc. Third Semester

Subject Name	:	Defence & Strategic Studies
Subject Code	:	MDS
Paper	:	01
Paper Name & Code:		Global Security Concerns & Issues (MDS-301)
Credits	:	04

Course Objective

Global Security Environment is determined by its geographical tributes, historical legacy, socio-economic circumstances as well as regional and global developments. Contemporary Strategic Environment is related to contemporary security challenges being faced by world. The aim of the paper is disseminate the knowledge for civil services aspirants. Besides, role of armed forces in dealing with the threats has also been focused.

Unit-I

1. End of cold war and Emergence of new world order
2. Global Security Concerns: Palestinian-Israeli conflict, Rise and Fundamentalism, Challenges in Korean Peninsula, Power Rivalry in South China sea

Unit-II

1. Environmental Issues:
 - a. Desertification
 - b. Acid rains
 - c. Industrial Pollution
 - d. Deforestation

Unit-III

1. Organized Crimes:
 - a. Narco-Trafficking
 - b. Human-trafficking
 - c. Small Arms Proliferation

Unit-IV

1. Migrants and Refugees:
 - a. Illegal migration & border Management



- b. Problem in south Asia
- c. Problem in India
2. Terrorism and counter Terrorism: Concept and Kinds (national, International and Cross border)

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion

Course Outcome

After completion of this course the student will be able to –

7. Learn contemporary challenges to peace and stability in the world.
8. The contemporary problems of international threats like ISIS, Uyghur's, Jaish-e-Mohammed, Islamic fundamentalism and other issues threatening international peace and security
9. The course also makes them learn to contemplate response mechanisms to solve conflict issues.

Books Recommended

1. Bandhopadhyaya, J. (2003). The Making of India's foreign Policy. Allied Publishers.
2. Gupta, A. (2018). How India Manages Its National Security. Penguin Random House Pvt Ltd.
3. Gupta, A. W. (2020). India's Foreign Policy surviving in a turbulent World. Sage Publishers.
4. Jaishankar, S. (2020). The India way Strategies for an Uncertain World. Harpercollins Publishers.
5. Kanwal, G. (2016). The New Arthshashtra: A Security Strategy For India. Harper Collins Publishers India.
6. Menon, S. (2018). Choices inside the making of India's foreign Policy. Penguin Random House India Pvt Limited.
7. Pandey, A. (2017). From Chanakya to Modi Evolution of India's Foreign Policy. HarperCollins Publishers.
8. Pant, H. V. (2015). Handbook of Indian Defence Policy. Taylor and Francis.

9. Pant, H. V. (2019). New directions in India's foreign Policy Theory and Praxis. Cambridge University Press.
10. Paranjape, S. (2020). India's Strategic Culture The making of National Security Policy. Taylor and Francis.
11. Raghvan, C. R. (2015). The Oxford Handbook of Indian Foreign Policy. Oxford University Press.
12. Sen, G. (2019). The Purpose of India's Security Strategy Defence Deterrence and Global Involvement. Taylor&Francis.

And other books and journals are recommended by the teacher.

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Subject Name : Defence & Strategic Studies
Subject Code : MDS
Paper : 02
Paper Name & Code : **Disaster Management and National Security (MDS-302)**
Credits : 04

OBJECTIVE:

This course intends to focus the various challenges faced by different kinds of disaster. Also mitigation and reconstruction issues would be covered; the role of various agencies and regulatory mechanism would also be discussed.

Unit-I

1. Basic Concept and meaning of Disaster, Disaster Security as element of National Security
2. Classification of Disaster
 - a. Natural Disaster-Earth quake, Floods, Cyclone, Tsunami, Drought
 - b. Manmade Disaster – Landslide, fire & forest Fire, Industrial & Technological Disaster, Epidemics, WMD Disaster

Unit-II

1. Study of Disaster in India
 - a. Tsunami 2004
 - b. Bhopal Gas Tragedy
 - c. Uttarakhand Flood
 - d. Major Earth quake
2. Risk Assessment and Vulnerability Analysis of Disaster
3. Disaster Preparedness and Response

Unit-III

1. Basic concept of disaster, Management
2. Challenges in Disaster Management
3. Disaster Management Cycle

Unit-IV

1. Disaster Management: Role of Various Agencies
 - a. District Administration
 - b. Military & Para-Military Forces



- c. Ministries and Departments of Centre & State Levels
 - d. Non-Governmental Agencies
 - e. Media
2. Reconstruction & Rehabilitation : Social & Economic Aspects

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion

Books Recommended

1. Awasthy, A. (2009). Disaster Management: Warning Response and Community Relocation. Global India Publications.
2. Deppa, J. (1993). The Media and Disasters: Pan Am 103. Fulton.
3. Haddow, G. D. (2009). Disaster Communications in a Changing Media World. Butterworth-Heinemann.
4. Singh, S. K. (1998). Disaster Management. Mittal Publications.
5. Sundar, I. (2007). Disaster Management. Sarup & Sons.

And other books and journals are recommended by the teacher.



Subject Name : Defence & Strategic Studies
Subject Code : MDS
Paper : 03
Paper Name & Code: Practical & Viva-Voce (MDS-303)
Credits : 04

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

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Subject Name : Defence & Strategic Studies
Subject Code : MDS
Paper : 04
Paper Name & Code : Science, Technology and National Security (MDS-304)
Credits : 04

Course Objective

Science and technology innovation plays a core role in national security. The objective of the course is to develop understanding of the role of modern science and technology in national security

Unit-I

1. Relevance of Science and Technology in National Security
2. Impact of major technological breakthroughs on society
3. Applicability of Science in the field of defence

Unit-II

1. Chemical-Biological Sciences and their military utility
2. Nuclear Technology and related developments
3. Missile Technology and India's Missile System

Unit-III

1. Revolution in Military Affairs (RMA)
2. International interdependence and transfer of defence technology : Global trends and Indian scenario

Unit-IV

1. Critical & Due technologies and India's defence needs
2. Information Warfare
3. Military Industrial complex

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion



Course Outcome

After completion of this course the student will be able to:

1. Understand the impact of science and technology on society.
2. Understand the military applicability of science and technology.
3. Understand the advancement of defence technology and India's defence needs.

Books Recommended

1. Frey, K. (2006). India's Nuclear Bomb on National Security. New York: Routledge.
2. Ghose, C. (n.d.). Future Defence Challenges: Armed Force of the 21st Century, Manas Publications. New Delhi.
3. Goldman, E. O. (2003). The Deffussion of Military Technology and Ideas. Stanford University Press.
4. Jackson, R. (1991). Hi-Tech Warfare. London: Headline Publication.
5. Norris, J. (1997). NBC – Nuclear, Biological & Chemical Warfare on the Modern Battlefield. U.K.: Brassey's.
6. Paddy, G. a. (1991). Ultimate Weaponary. London: Blitz Edition Publications.
7. Sen, S. K. (2000). Military Technology on Defence Industrialization: The Indian Experience. New Delhi: Manas Publication.

And other books and journals are recommended by the teacher.



Subject Name : Defence & Strategic Studies
Subject Code : MDS
Paper : 05
Paper Name & Code : International Strategic, Relations (MDS-305)
Credits : 04

Course Objective

The objective of the course is to help students to study and understand main concepts and theories and approaches of the discipline and the development of international relations of India with other countries.

Unit-I

1. International relations : Meaning, Nature and Scope
2. Theories : Decision Making, Game Theory & Communication Theory
3. Approaches: Idealism and Realism

Unit-II

1. Foundations and Limitations and National Power
2. Concept of National interest and its role in the formulation of foreign-policy

Unit-III

1. Diplomacy : Traditional concept and contemporary trends
2. End of Cold war and New cold wars
3. New International economic order (NIEO)

Unit-IV

1. India's Foreign & Defence Policy : Its Foundations and Practice
2. India & regional organization _ SAARC, ASEAN, BIMSTEC & BRICS, QUAD

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion



Course Outcome

After completion of this course the student will be able to:

1. Understand the basic concept, meaning, nature, scope and theories & approaches of international relations.
2. Understand the foundations and limitations of national power, national interests and foreign policy.
3. Understand the principles and objectives of Indian foreign policy and the development of India's international relations with major foreign countries.

Books Recommended

1. Couloumbis, W. (n.d.). Introduction To International Relations.
2. Morgenthau, H. (n.d.). Politics Among Nations.
3. Perkin, P. (n.d.). International Relations.
4. Singh, M. (n.d.). Theoretical Aspects of International Politics.
5. Strategic Analysis IDSA. (n.d.). New Delhi.

And other books and journals are recommended by the teacher.



Subject Name : Defence & Strategic Studies
Subject Code : MDS
Paper : 06
Paper Name & Code : Conflict and Media (MDS-306)
Credits : 04

Course Objective

The objective of the course is to enable the students to understand the concepts of conflict and media, the inter-relationship between the conflict and media and the importance and role of Indian media in national security.

Unit-I

1. Conflict: Concept, Meaning and Definition
2. Media: Concept, Meaning and Definition
3. Inter-relations between Conflict and Media

Unit-II

1. Conflict and Media: History and Development
2. Terrorism and Media: Threats and Challenges
3. Social Media and national Security: Threats and challenges

Unit-III

1. Information Age and changing dimensions of Conflict
2. Increasing impact of Media on Society and States
3. Media Ethics and Laws regarding conflict

Unit-IV

1. Media in India: Size, characteristics and impact
2. Conflict and media: Indian Scenario
3. Role of Media in Disaster and National Security Management.

Course Outcome

After completion of this course the student will be able to:

1. Understand the basic concepts, meanings, and definitions of conflict and media.
2. Understand the inter-relationship between conflict and media.
3. Understand the importance and role of Indian media in national security.

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion



Books Recommended:

1. The Media of Conflict: War Reporting and Representations of Ethnic Violence Edited by Tim Allen and Jean Seaton
2. The Media at War: Communication and Conflict in the Twentieth Century. Susan Carruthers.
3. Eytan Gilboa (Editor), Media and Conflict: Framing Issues, Making Policy, Shaping Opinions War and the Media: Reporting Conflict 24/7 Daya Kishan Thussu, Des Freedman
4. Ben O, War and Media Andrew Hoskins, Media and Terrorism Des Freedman, Daya Kishan
5. War and the Media Paul M. Haridakis, Barbara
6. John Stanie, War and the media Miles Hudson,

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Subject Name : Defence & Strategic Studies
Subject Code : MDS
Paper : 07
Paper Name & Code: Non-Traditional Security (MDS-307)
Credits : 04

Course Objective

Science and technology is essential to the security and development of the countries in modern times. The objective of the course is to develop understanding of the concept, nature and scope of Non-Traditional Security threats and challenges and the role of science and technology in the management of Non-Traditional Security.

UNIT-I

1. Traditional and Non-Traditional Security
2. Non-Traditional Security: Concept and scope
3. Non-Traditional Security threats and challenges and their typologies

UNIT-II

1. India's Non-Traditional security challenges
2. Proliferation of chemical and biological weapons
3. Non-Traditional Nuclear Threats

UNIT-III

1. Climate change: emerging security concerns
2. Environmental Disasters
3. Non-Traditional security and Green Politics

UNIT-IV

1. Non-Traditional issues on non-State actors
2. International Terrorism
3. Trans-National Migration: Issues and challenges

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion

Course Outcome

After completion of this course the student will be able to:

1. Understand the basic concept, nature and scope of Non-Traditional Security.



2. Understand Non-Traditional threats and challenges to India's security.
3. Understand the role of science and technology in the management of Non-Traditional Security of India.

Books Recommended

1. Deppa, J. (1993). The Media and Disasters: Pan Am 103. Fulton.
2. Haddow, G. D. (2009). Disaster Communications in a Changing Media World. Butterworth-Heinemann.
3. Singh, S. K. (1998). Disaster Management. Mittal Publications.
4. Sundar, I. (2007). Disaster Management. Sarup & Sons.
5. Ghose, C. (n.d.). Future Defence Challenges: Armed Force of the 21st Century, Manas Publications. New Delhi.
6. Goldman, E. O. (2003). The Deffussion of Military Technology and Ideas. Stanford University Press.
7. Jackson, R. (1991). Hi-Tech Warfare. London: Headline Publication.
8. Norris, J. (1997). NBC – Nuclear, Biological & Chemical Warfare on the Modern Battlefield. U.K.: Brassey's.
9. Paddy, G. a. (1991). Ultimate Weaponary. London: Blitz Edition Publications.
10. Sen, S. K. (2000). Military Technology on Defence Industrialization: The Indian Experience. New Delhi: Manas Publication

And other books and journals are recommended by the teacher.



M.A./M.Sc. Fourth Semester

Subject Name	:	Defence & Strategic Studies
Subject Code	:	MDS
Paper	:	01
Paper Name & Code	:	Economic Dimension of war (MDS-401)
Credits	:	04

Course Objective:

Defence and development are the two sides of the same coin. The objective of course is to study the basic concept and theories of defence economics and to understand the inter relationship of war and economy.

Unit-I

1. Economic Theory of Defence- Adam Smith, David Ricardo, F.W. Hirst, E.F.M. Durbin. J.M. Keynes
2. Defence, Development and Disarmament Relationship

Unit-II

1. Basics of Defence Planning, Determinants of Defence Expenditure
2. Defence Budgeting (Special Reference of India)

Unit-III

1. Mobilization of Resource for Defence : War & Peace time Mobilization Policy
2. Economic warfare in modern times
3. Economic Problems of post war reconstruction

Unit-IV

1. Defence Production Program in India: Ordnance factories, Defence Public Sector undertaking
2. Impact of Economic Liberalization & Globalization on India

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion

Course Outcome

After completion of this course the student will be able to:



1. Understand the basic concept and theories of defence economics.
2. Understand the inter-relationship of war and economy.
3. Understand the new international economic order.

Books Recommended

1. Agrawal, A. (n.d.). Economic Mobilization for Defence.
2. Agrawal, R. (n.d.). Defence Production and Development.
3. Clark, J. (n.d.). The New Economics of National Defence.
4. Crowther, G. (n.d.). Ways and Means of war.
5. Ghosh, A. (n.d.). Indian Economic-Its Nature and Problems.
6. Hatfield, M. O. (n.d.). The Economics of Defence .
7. Hitch, G. (n.d.). The Economics of Defence in the Nuclear age.
8. Jack, D. (n.d.). Studies in Economic Warfare.
9. Keynes, J. (n.d.). How to play for the War.
10. Malik, G. V. (n.d.). Defence Planning Problem & Prospects.
11. Pandey, S. (n.d.). An Outline Defence Economics.
12. Singh, A. (n.d.). Defence Economics.
13. Srivastava, J. (n.d.). Defence Economics.

And other books and journals are recommended by the teacher.

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Subject Name : Defence & Strategic Studies
Subject Code : MDS
Paper : 02
Paper Name & Code : South Asia: Conflict and Co-operation Studies (MDS-402)
Credits : 04

Course Objective

South Asia is the most populous region in the world. It enjoys a unique strategic location and offers some enormous economic potential. But, unfortunately, this region is plagued with various inter-state and intra-state conflicts. The objective of the course is to understand the conflict and cooperation matrix of South Asia region.

Unit-I

1. Geo-Political setting of South Asia.
2. Socio-Cultural and Economic Structure of South Asia
3. Power rivalries in South Asia: USA, USSR, U.K., China during Cold war era

Unit-II

1. Internal problems & conflicts in South Asian Region-India's Pakistan, Sri Lanka, Bangladesh, Nepal, Bhutan, Maldives
2. Afghanistan, Myanmar & China's Strategic importance for South Asia
3. Regional Co-operation in South Asia under the Aegis of SAARC

Unit-III

1. Intra-Regional Trade & Balance of payment
2. Prospects of Sub regional Co-operation
3. Nuclear and Missiles Proliferation in South Asia.

Unit-IV

1. Role of pressure groups (Religion, Language, Caste, Tribal Groups, Women, Youth, Media) in National Integration
2. Pattern of Civil-Military Relations in South Asia
3. Narco-Terrorism and Small Arms Proliferation in South Asia.

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion

Course Outcome



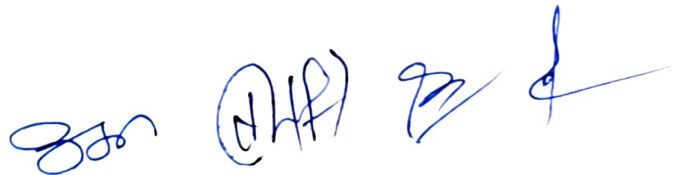
After completion of this course the student will be able to:

1. Understand the concept and scope of conflict and co-operation studies.
2. Understand the conflict and co-operation matrix of South Asia.
3. Understand the internal problems and issues of the region and prospects of peace and co-operation.

Books Recommended

1. Bose, A. (1919). Peace and Conflict Resolution in World Community. New Delhi.
2. Boulding, K. (1962). Conflict and Defence:A General Theory. New York.
3. Bright, B. (1985). Education for Peace. New York.
4. Burton, J. (1965). International Conflict Resolution. New York.
5. Curle, A. (1927). Another Way:A Machenistic View of War and Peace. Cambridge.
6. Duvall, P. A. (2000). A Force More Powerful:A Century of Non Violent Conflicts. New York.
7. Galtung, J. (1975). Essays in Peace Research. Copenhagen.
8. Galtung, J. (1984). Struggle for Peace. Ahmedabad.
9. Galtung, J. (1996). Peace by Peaceful Mean:Peace and Conflict, Development and Civilization. Sage Publication.
10. Ghali, B. B. (1992). An Agenda For Peace:Preventive Diplomacy, Peace Making and Peace Keeping(U.N. Report). New York.
11. Gupta, A. D. (1956). Non-Violence:The Invincible Power. Calcutta.
12. Purdeshi, G. (1982). Contemporary Peace Research. New Delhi.
13. Rao, B. (1996). Global Perceptions on Peace Education. New Delhi.
14. Wright, Q. (1965). A Study of War. Chicago.

And other books and journals are recommended by the teacher.



Subject Name : Defence & Strategic Studies
Subject Code : MDS
Paper : 03
Paper Name & Code : Politics and Security of the Indian Ocean (MDS-403)
Credits : 04

Course Objective

Indian Ocean region has become the hub of intense global activity including global geopolitics over the decades for various reasons. The objective of the course is to develop understanding of the Challenges and opportunities for India in the decades ahead.

Unit-I

1. Geo-political features and setting of Indian Ocean
2. Geographical profile of IOR states
3. Economic & Strategic Importance of the region

Unit-II

1. Natural Resources in the Indian Ocean: Fisheries and Minerals
2. Energy resources in the Indian Ocean Region: Vital Features and source of competition
3. Trade and Commerce through Indian Ocean

Unit-III

1. Naval Powers in the Indian Ocean: (China, USA, Pakistan, India, USA, Iran and others)
2. Militarization of the Indian Ocean Region
3. IORARC.

Unit-IV

1. Indian's Maritime Challenges
2. Maritime Strategy of India
3. Prospects of co-operation in the Indian Ocean Region

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion

Course Outcome

After completion of this course the student will be able to:

1. Understand the economic and strategic importance of Indian Ocean for India's National Security.
2. Understand the ongoing power politics & power rivalry and the interests of external powers in Indian Ocean region.
3. Understand the future trends and prospects of co-operation and security in the Indian Ocean region.

Books Recommended

1. Banerjee, B. N. (n.d.). Indian Ocean – A Whirlpool of Unrest.
2. Bridges Across the Indian Ocean. (n.d.). IDSA Publication.
3. Choudhary, R. R. (1995). Sea Power and Indian Security. London & Washington: Bresser's.
4. Choudhary, R. R. (2010). India's Maritime Security. New Delhi: IDSA & Knowledge World.
5. Kaplan, R. D. (2010). The Indian Ocean and the Future of American Power. Random House.
6. Khurana, G. S. (2008). Maritime Forces in Pursuit of National Security. Shipra.
7. Mahan, A. (n.d.). The Influence of Sea power History 1660-1783.
8. Mukherji, R. (n.d.). History of Indian Shipping .
9. Paleri, P. (2007). Role of the Coast in the Maritime Security of India. New Delhi: Knowledge World.

And other books and journals are recommended by the teacher..



Subject Name : Defence & Strategic Studies
Subject Code : MDS
Paper : 04
Paper Name & Code : **Geo-Politics and Military Geography (MDS-404)**
Credits : 04

Course Objective

Geopolitics has been the driving force in world politics and international relations. The military geography of a country has a direct bearing on its defence. The objective of the course is to provide students deep knowledge of geopolitics and main power theories propounded by strategic thinkers. To study the military geography of India and the related defence problems is also very important for contributing in shaping of the defence policy of the country.

Unit-I

1. Scope and Importance of Geopolitics
2. Evolution of Geopolitical Thoughts since 19th Century
 - a. Sea Power Theory
 - b. Land Power Theory
 - c. Rim Land Theory

Unit-II

1. Role of Geography in Military Application
2. Importance and Scope of Logistics
 - a. Resources
 - b. Industries
 - c. Supply Chain
 - d. Transportation and Communication

Unit-III

1. Role of Geography in Land Warfare
2. Role of Geography in Sea Warfare
3. Role of Geography in Air Warfare



Unit-IV

1. Weather Conditions of Sea as factors in amphibious and airborne
2. Military Geography of India, Defence Problems
 - a. India's Boundaries, terrain in border areas, weather and commoditization
 - b. Population in border areas and its implication to border security.

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion

Course Outcome

After completion of this course the student will be able to:

1. Understand the concept, meaning and scope of geo-politics.
2. Understand the theories of land power, air power and sea power propounded by strategic thinkers
3. Understand the nature and scope of military geography of India and related defence problems.

Books Recommended

1. Fairgrieve, J. (1915). Geography and World Power. London: University of London Press.
2. Fawcett, C. (1918). Frontiers :L A Study in political Geography. London: Oxford University Press.
3. Gupta, B. D. (1975). Patterns and Trends in Indian Politics. New Delhi: Allied Publishers.
4. Kulshreshtha, M. R. (1965). Yudh Ke Sadhan Aur Sadhya.
5. Machinder, H. (1924). Nations of Modern World. London: George Philip And Son.
6. Mahan, A. T. (1900). The Problem of Asia. Boston : Little Brown & Co.
7. Panikkar, K. M. (11955). Geographical Introduction to Indian History. Bombay: Bhawan's Book University.
8. Prescott, J. R. (1966). Boundaries and Frontiers. London: Croom Helm.
9. Seversky, D. (1942). Victory through Air Power. New York: Simon & Schueter.

And other books and journals are recommended by the teacher.



Subject Name : Defence & Strategic Studies
Subject Code : MDS
Paper : 05
Paper Name & Code : **Military Psychology (MDS-405)**
Credits : 04

CourseObjective

Military Psychology will not only acquaint the students with the general sociology but also with sociological issues faced by the soldiers during the service as well after retirement and the problems of resettlement and rehabilitation after war.

Unit-I

1. Development of Military psychology and its relevance concern written & Scope

Unit-II

1. Factors in adjustment during army life psychological, Defence and Escape Mechanism
2. Problems of adjustment of ex-soldiers

Unit-III

1. Leadership-Nature, Function and types, Moral-Nature, Determinates and techniques of boosting morale

Unit-IV

1. Psychological warfare
 - a. Nature, types and techniques of propaganda
 - b. Nature, techniques, merits and demerits of rumor, and its impact on war and society
 - c. Brain washing method.

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion

Books Recommended

1. Bartlett, F. C. (n.d.). Psychology and the soldier .
2. Boring, E. G. (n.d.). Psychology for the armed services .
3. Brown, J. F. (n.d.). Techniques of Persuasion.
4. Cormich, M. (n.d.). Human Factor Engineering .

5. Ginkar, R. R. (n.d.). Men Under Stress.
6. Gupta, P. K. (n.d.). Sainya Manovigyan.
7. Hennings. (n.d.). Air war and emotional stress.
8. Lifon, B. J. (n.d.). Thought Reform and Psychology of Totali.
9. Mann, J. (n.d.). Frontier of Psychology.
10. Mark, A. M. (n.d.). Social Psychology of war and pease.
11. Narayan, R. (n.d.). Psychology for the Armed Force .
12. Schein, E. H. (n.d.). Coercive Persuasion.
13. Singh, D. N. (n.d.). Sainya Manovigyan.
14. Tiwari, N. P. (n.d.). Military Psychology.

And other books and journals are recommended by the teacher.



Subject Name : Defence & Strategic Studies
Subject Code : MDS
Paper : 06
Paper Name & Code : **International Law (MDS-406)**
Credits : 04

Course Objective

Legal aspects of war are essential for the survival of the concerned state. The objective of the course is to develop understanding of the concept and the various dimensions of war and his legality. Human right and Humanitarian law are issues related to the legal aspects of war. Legal status of refugee is the most important problem for the nations, so we study the above content in this paper international humanitarian law.

Unit-I

1. Definition and Nature of International Law
2. Sources of International Law: Formal and Material International customs, Treaties, Judicial Decisions, General Principles of Law

Unit-II

1. Relationship between International Law and Municipal Law (National Law)
2. Nature of State and Different Kind of State and Non-State Entities

Unit-III

1. State Territory and mode of Acquisition and Loss of Territory
2. Intervention: Meaning and Grounds
3. Neutrality: Characteristics rights and duties

Unit-IV

1. Recognition: Definition, Declaratory Theories Methods of Recognition, Defects and Mature Recognition
2. Extradition: Definition, Principles of Extradition, Treaties and agreements
3. Asylum: Definition, Types of Asylums, Asylum in India

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion

Course Outcome

After completion of this course the student will be able to:

1. Understand the legal concept of war and legal regulations on war.
2. Understand the various dimensions of human rights, its violations and protection as well and international law.
3. Understand the concept and theories of international humanitarian law and Refugee.

Books Recommended

1. Chavan, R. S. (1971). An Approach to International Law. New Delhi: Sterling Publisher.
2. Kapoor, S. K. (1987). International Law. Allahabad : Central Law Agency.
3. Oppenheim, L. (2008). International Law. 9th Edition. University of Cambridge.
4. Starke, J. (1972). An Introduction to International Law. London: Buttersworth.
5. Tandon, M. P. (1987). An Introduction of International Law. Allahabad: Allahabad Law Agency.

And other books and journals are recommended by the teacher.



Subject Name : Defence & Strategic Studies
Subject Code : MDS
Paper : 07
Paper Name & Code: Contemporary Strategic Environment and Issues (MDS-407)
Credits : 04

Course Objective

India's National Security Environment is determined by its geographical tributes, historical legacy, socio-economic circumstances as well as regional and global developments. Contemporary Strategic Environment in India is related to contemporary security challenges being faced by India and how India is trying to acquire the status of regional power and world power. The aim of the paper is disseminate the knowledge for civil services aspirants. Besides, role of armed forces in dealing with the threats has also been focused.

UNIT-I

1. Conflict in Korean Peninsula: Genesis and Contemporary Trends.
2. Israel-Palestine Conflict: Genesis and Contemporary Trends.
3. Conflict in South China sea: challenges and responses

UNIT-II

1. Afghanistan imbroglio: challenges and responses
2. Islamic Fundamentalism in Afg-Pak region: Challenges and Responses.
3. Emergence of ISIS: Challenges and Responses.

UNIT-III

1. US-Iran conflict in Persian Gulf
2. Crisis in Yemen
3. Strategic environment of Indo-Pacific region and QUAD

UNIT-IV

1. Central Asia: conflict, issues and challenges
2. Domestic turmoil in Nepal: strategic implications for India.
3. China's Belt and Road Initiative: strategic implications for India

Teaching Methodologies

Chalk & Talk / ICT / Field Trips / Group Discussion

Course Outcome

After completion of this course the student will be able to –

1. Learn contemporary challenges to peace and stability in the world.
2. The contemporary problems of international threats like ISIS, Uyghurs, Jaish-e-Mohammed, Islamic fundamentalism and other issues threatening



- international peace and security
3. The course also makes them learn to contemplate response mechanisms to solve conflict tissues.

Books Recommended

13. Bandhopadhyaya, J. (2003). The Making of India's foreign Policy. Allied Publishers.
14. Gupta, A. (2018). How India Manages Its National Security. Penguin Random House Pvt Ltd.
15. Gupta, A. W. (2020). India's Foreign Policy surviving in a turbulent World. Sage Publishers.
16. Jaishankar, S. (2020). The India way Strategies for an Uncertain World. Harpercollins Publishers.
17. Kanwal, G. (2016). The New Arthshashtra: A Security Strategy For India. Harper Collins Publishers India.
18. Menon, S. (2018). Choices inside the making of India's foreign Policy. Penguin Random House India Pvt Limited.
19. Pandey, A. (2017). From Chanakya to Modi Evolution of India's Foreign Policy. HarperCollins Publishers.
20. Pant, H. V. (2015). Handbook of Indian Defence Policy. Taylor and Francis.
21. Pant, H. V. (2019). New directions in India's foreign Policy Theory and Praxis. Cambridge University Press.
22. Paranjape, S. (2020). India's Strategic Culture The making of National Security Policy. Taylor and Francis.
23. Raghvan, C. R. (2015). The Oxford Handbook of Indian Foreign Policy. Oxford University Press.
24. Sen, G. (2019). The Purpose of India's Security Strategy Defence Deterrence and Global Involvement. Taylor&Francis.

And other books and journals are recommended by the teacher.



Subject Name : Defence & Strategic Studies
Subject Code : MDS
Paper : 08
Paper Name & Code: Project-4/Dissertation (MDS-408)
Credits : 04

The candidates would be required to write a Dissertation on an allotted topic under the supervision of faculty member who would act as the supervisor.

The topic would be decided by candidates in consultation with respective supervisors within a broad framework of the research methodology, discipline with particular reference to national security, International Relations, Area Studies and International Security.

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